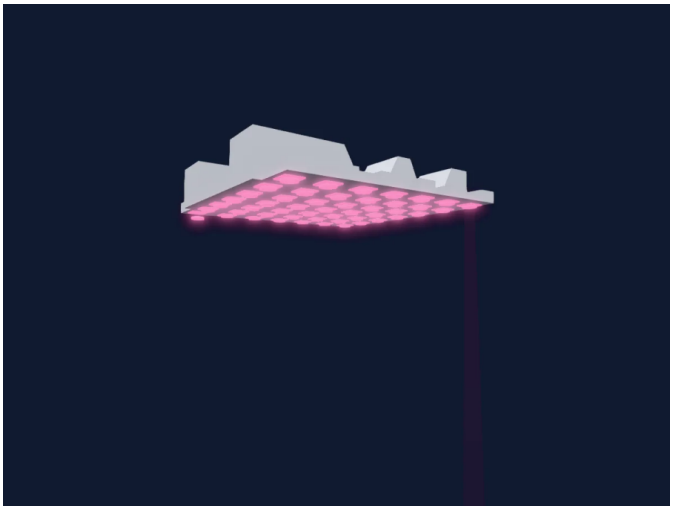
EK Lights

DLM 7X7



Manufacturer	**EK Lights**
Type	**Effect light**
DMX modes	**17**
DMX footprint	**1, 3, 5, 7, 8, 10, 12, 13, 16, 53, 54, 57, 61, 252 channels**
Beam angle	**2.45°**
Heads / cells	**2**
Size (W × H × D)	**500 × 82 × 500 mm**
GDTF fixture type	**428BE38F-F0FC-4F50-B29C-28…**

Controls

Extra LED colours · Hue and saturation · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1CH	1 ch
49CH(1813)MODE	1 ch
WW-49CH	1 ch
3CH(HSV)MODE	3 ch
5CH	5 ch
WW-5CH	5 ch
7CH	7 ch
WW-8CH	8 ch
10CH	10 ch
12CH	12 ch
13CH	13 ch
16CH	16 ch
53CH(1817)MODE	53 ch
WW-54CH	54 ch
WW-57CH	57 ch
61CH (1825)MODE	61 ch
252CH	252 ch

1CH

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max

49CH(1813)MODE

1 channel

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max

WW-49CH

1 channel

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max

3CH(HSV)MODE

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–126 0>-25 127–128 0 129–255 0>+25
2	H SBSaturation	0	0–0 Min 1–254 Min<Max 255–255 Max
3	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max

5CH

5 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min>Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min>Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min>Max 255–255 Max
4	White	255	0–0 Min 1–254 Min>Max 255–255 Max
5	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max

WW-5CH

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
2	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast
3	Effect	0	0–10 No Function 11–38 Auto Program 1 39–66 Auto Program 2 67–94 Auto Program 3 95–122 Auto Program 4 123–150 Auto Program 5 151–178 Auto Program 6 179–206 Auto Program 7 207–234 Auto Program 8 235–255 Auto Program 0
4	Effect Speed	0	
5	Dimmer Mode	0	0–51 Display Menu 52–101 Dimmer speed mode off 102–152 Dimmer speed mode1 153–203 Dimmer speed mode2 204–255 Dimmer speed mode3

7CH

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min>Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min>Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min>Max 255–255 Max
5	White	255	0–0 Min 1–254 Min>Max 255–255 Max
6	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
7	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast

WW-8CH

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
2	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast

WW-8CH (continued)

Ch	Function	Default	DMX values
3	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
4	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
5	Effect	0	0–0 No Function 1–127 Numeric Characters 1-0 128–255 Alpha Characters A-Z
6	Effect 2	0	0–10 No Function 11–20 Simple Cross 21–29 Simple Box 30–38 Square Imploder 39–47 Square Exploder 48–56 Diamond Imploder 57–65 Diamond Exploder 66–74 2 Line Spinner 75–83 Triangle Spinner 84–92 Tri-Downer 93–101 Tri-Upper 102–110 Bowtie Spinner 111–119 One-Liner 120–128 Line Hop UP 129–137 Line Hop DOWN 138–146 Line Hop UP DOWN 147–155 T-Spin 156–164 Upside Down T-Spin 165–173 Diamond Spoke Spin 174–182 Line Hop LEFT 183–191 Line Hop RIGHT 192–200 Line Hop LEFT RIGHT 201–209 Double Verticals 210–218 Double Horizontals 219–227 Diagonal Right 228–236 Diagonal Left 237–246 Moving Squares 247–255 Clock
7	Effects1Pos	0	0–10 No function 11–63 Gobo index 64–100 90 degree 101–127 No function 128–149 180 degree 150–191 Gobo speed (CW) 192–202 270 degree 203–255 Gobo Speed (CCW)
8	Dimmer Mode	0	0–51 Display Menu 52–101 Dimmer speed mode off 102–152 Dimmer speed mode1 153–203 Dimmer speed mode2 204–255 Dimmer speed mode3

10CH

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min>Max 255–255 Max

10CH (continued)

Ch	Function	Default	DMX values
4	Green	255	0–0 Min 1–254 Min>Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min>Max 255–255 Max
6	White	255	0–0 Min 1–254 Min>Max 255–255 Max
7	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
8	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast
9	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 R (wheel slot 2) 14–21 G (wheel slot 3) 22–29 B (wheel slot 4) 30–37 W (wheel slot 5) 38–45 WW (wheel slot 6) 46–53 RG (wheel slot 7) 54–61 RB (wheel slot 8) 62–69 RW (wheel slot 9) 70–77 R-WW (wheel slot 10) 78–85 GB (wheel slot 11) 86–93 GW (wheel slot 12) 94–101 G-WW (wheel slot 13) 102–109 BW (wheel slot 14) 110–117 B-WW (wheel slot 15) 118–125 W-WW (wheel slot 16) 126–133 RGB (wheel slot 17) 134–141 RGW (wheel slot 18) 142–149 RG-WW (wheel slot 19) 150–157 RBW (wheel slot 20) 158–165 RB-WW (wheel slot 21) 166–173 RW-WW (wheel slot 22) 174–181 GBW (wheel slot 23) 182–189 GB-WW (wheel slot 24) 190–197 BW-WW (wheel slot 25) 198–205 RGBW (wheel slot 26) 206–213 RGB-WW (wheel slot 27) 214–221 GBW-WW (wheel slot 28) 222–229 RBW-WW (wheel slot 29) 230–237 RGBW-WW (wheel slot 30) 238–255 No Function 1 (wheel slot 31)

10CH (continued)

Ch	Function	Default	DMX values
10	C TO	255	0–5 No Function (wheel slot 1) 6–18 2700K (wheel slot 2) 19–31 2800K (wheel slot 3) 32–44 3000K (wheel slot 4) 45–57 3200K (wheel slot 5) 58–70 3500K (wheel slot 6) 71–83 4000K (wheel slot 7) 84–96 4500K (wheel slot 8) 97–109 5000K (wheel slot 9) 110–122 5600K (wheel slot 10) 123–135 6000K (wheel slot 11) 136–148 6500K (wheel slot 12) 149–161 7000K (wheel slot 13) 162–174 7500K (wheel slot 14) 175–187 8000K (wheel slot 15) 188–200 8500K (wheel slot 16) 201–213 9000K (wheel slot 17) 214–226 9500K (wheel slot 18) 227–239 10000K (wheel slot 19) 240–255 No Function (wheel slot 20)

12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min>Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min>Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min>Max 255–255 Max
5	White	255	0–0 Min 1–254 Min>Max 255–255 Max
6	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
7	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast

12CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 R (wheel slot 2) 14–21 G (wheel slot 3) 22–29 B (wheel slot 4) 30–37 W (wheel slot 5) 38–45 WW (wheel slot 6) 46–53 RG (wheel slot 7) 54–61 RB (wheel slot 8) 62–69 RW (wheel slot 9) 70–77 R-WW (wheel slot 10) 78–85 GB (wheel slot 11) 86–93 GW (wheel slot 12) 94–101 G-WW (wheel slot 13) 102–109 BW (wheel slot 14) 110–117 B-WW (wheel slot 15) 118–125 W-WW (wheel slot 16) 126–133 RGB (wheel slot 17) 134–141 RGW (wheel slot 18) 142–149 RG-WW (wheel slot 19) 150–157 RBW (wheel slot 20) 158–165 RB-WW (wheel slot 21) 166–173 RW-WW (wheel slot 22) 174–181 GBW (wheel slot 23) 182–189 GB-WW (wheel slot 24) 190–197 BW-WW (wheel slot 25) 198–205 RGBW (wheel slot 26) 206–213 RGB-WW (wheel slot 27) 214–221 GBW-WW (wheel slot 28) 222–229 RBW-WW (wheel slot 29) 230–237 RGBW-WW (wheel slot 30) 238–255 No Function 1 (wheel slot 31)
9	C TO	255	0–5 No Function 6–18 2700K 19–31 2800K 32–44 3000K 45–57 3200K 58–70 3500K 71–83 4000K 84–96 4500K 97–109 5000K 110–122 5600K 123–135 6000K 136–148 6500K 149–161 7000K 162–174 7500K 175–187 8000K 188–200 8500K 201–213 9000K 214–226 9500K 227–239 10000K 240–255 No Function
10	Effect	0	0–10 No Function 11–40 Auto Program 1 41–80 Auto Program 2 81–120 Auto Program 3 121–160 Auto Program 4 161–200 Auto Program 5 201–240 Auto Program 6 241–255 No Function
11	Effect Speed	0	

12CH (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 No function 8–15 Dimmer Reset 16–23 Red Shift: ON 24–31 Red Shift: OFF 32–39 Dimmer: S-Curve 40–47 Dimmer: Linear 48–55 Dimmer: Square 56–63 Dimmer: Inverse Square 64–71 Dimmer speed mode off 72–79 Dimmer speed mode1 80–87 Dimmer speed mode2 88–95 Dimmer speed mode3 96–103 Pixel Flipping Normal 104–111 Flip Right 90 112–119 FlipRight180 120–127 FlipRight270 128–135 Off 136–143 Manual 144–151 600Hz 152–159 1200Hz 160–167 2000Hz 168–175 4000Hz 176–183 6000Hz 184–191 25000Hz 192–199 10S 200–207 30S 208–215 2Min 216–223 On 224–255 NoFunction

13CH

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Color Add WW	255	
12	Color Add WW Fine	255	Fine byte of Color Add WW
13	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast

16CH

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	

16CH (continued)

Ch	Function	Default	DMX values
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	White	255	
10	White Fine	255	Fine byte of White
11	Color Add WW	255	
12	Color Add WW Fine	255	Fine byte of Color Add WW
13	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast
14	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 R (wheel slot 2) 14–21 G (wheel slot 3) 22–29 B (wheel slot 4) 30–37 W (wheel slot 5) 38–45 WW (wheel slot 6) 46–53 RG (wheel slot 7) 54–61 RB (wheel slot 8) 62–69 RW (wheel slot 9) 70–77 R-WW (wheel slot 10) 78–85 GB (wheel slot 11) 86–93 GW (wheel slot 12) 94–101 G-WW (wheel slot 13) 102–109 BW (wheel slot 14) 110–117 B-WW (wheel slot 15) 118–125 W-WW (wheel slot 16) 126–133 RGB (wheel slot 17) 134–141 RGW (wheel slot 18) 142–149 RG-WW (wheel slot 19) 150–157 RBW (wheel slot 20) 158–165 RB-WW (wheel slot 21) 166–173 RW-WW (wheel slot 22) 174–181 GBW (wheel slot 23) 182–189 GB-WW (wheel slot 24) 190–197 BW-WW (wheel slot 25) 198–205 RGBW (wheel slot 26) 206–213 RGB-WW (wheel slot 27) 214–221 GBW-WW (wheel slot 28) 222–229 RBW-WW (wheel slot 29) 230–237 RGBW-WW (wheel slot 30) 238–255 No Function 1 (wheel slot 31)

16CH (continued)

Ch	Function	Default	DMX values
15	C TO	255	0–5 No Function (wheel slot 1) 6–18 2700K (wheel slot 2) 19–31 2800K (wheel slot 3) 32–44 3000K (wheel slot 4) 45–57 3200K (wheel slot 5) 58–70 3500K (wheel slot 6) 71–83 4000K (wheel slot 7) 84–96 4500K (wheel slot 8) 97–109 5000K (wheel slot 9) 110–122 5600K (wheel slot 10) 123–135 6000K (wheel slot 11) 136–148 6500K (wheel slot 12) 149–161 7000K (wheel slot 13) 162–174 7500K (wheel slot 14) 175–187 8000K (wheel slot 15) 188–200 8500K (wheel slot 16) 201–213 9000K (wheel slot 17) 214–226 9500K (wheel slot 18) 227–239 10000K (wheel slot 19) 240–255 No Function (wheel slot 20)
16	Control1	0	0–7 No function 8–15 Dimmer Reset 16–23 Red Shift: ON 24–31 Red Shift: OFF 32–39 Dimmer: S-Curve 40–47 Dimmer: Linear 48–55 Dimmer: Square 56–63 Dimmer: Inverse Square 64–71 Dimmer speed mode off 72–79 Dimmer speed mode1 80–87 Dimmer speed mode2 88–95 Dimmer speed mode3 96–103 Pixel Flipping Normal 104–111 Flip Right 90 112–119 FlipRight180 120–127 FlipRight270 128–135 Off 136–143 Manual 144–151 600Hz 152–159 1200Hz 160–167 2000Hz 168–175 4000Hz 176–183 6000Hz 184–191 25000Hz 192–199 10S 200–207 30S 208–215 2Min 216–223 On 224–255 NoFunction

53CH(1817)MODE

53 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
2	Reserved 2	0	
3	Reserved 3	0	
4	Reserved 4	0	

53CH(1817)MODE (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	

53CH(1817)MODE (continued)

Ch	Function	Default	DMX values
50	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
51	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
52	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
53	Control1	0	0–7 No function 8–15 Dimmer Reset 16–23 Red Shift: ON 24–31 Red Shift: OFF 32–39 Dimmer: S-Curve 40–47 Dimmer: Linear 48–55 Dimmer: Square 56–63 Dimmer: Inverse Square 64–71 Dimmer speed mode off 72–79 Dimmer speed mode1 80–87 Dimmer speed mode2 88–95 Dimmer speed mode3 96–103 Pixel Flipping Normal 104–111 Flip Right 90 112–119 FlipRight180 120–127 FlipRight270 128–135 Off 136–143 Manual 144–151 600Hz 152–159 1200Hz 160–167 2000Hz 168–175 4000Hz 176–183 6000Hz 184–191 25000Hz 192–199 10S 200–207 30S 208–215 2Min 216–223 On 224–255 NoFunction

WW-54CH

54 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
2	Reserved 2	0	
3	Reserved 3	0	
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	

WW-54CH (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Effect	0	0–10 No Function 11–38 Auto Program 1 39–66 Auto Program 2 67–94 Auto Program 3 95–122 Auto Program 4 123–150 Auto Program 5 151–178 Auto Program 6 179–206 Auto Program 7 207–234 Auto Program 8 235–255 Auto Program 0
51	Effect Speed	0	

WW-54CH (continued)

Ch	Function	Default	DMX values
52	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
53	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast
54	Dimmer Mode	0	0–51 Display Menu 52–101 Dimmer speed mode off 102–152 Dimmer speed mode1 153–203 Dimmer speed mode2 204–255 Dimmer speed mode3

WW-57CH

57 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
2	Reserved 2	0	
3	Reserved 3	0	
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	

WW-57CH (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
51	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
52	Effect	0	0–10 No Function 11–38 Auto Program 1 39–66 Auto Program 2 67–94 Auto Program 3 95–122 Auto Program 4 123–150 Auto Program 5 151–178 Auto Program 6 179–206 Auto Program 7 207–234 Auto Program 8 235–255 Auto Program 0

WW-57CH (continued)

Ch	Function	Default	DMX values
53	Effect 2	0	0–10 No Function 11–20 Simple Cross 21–29 Simple Box 30–38 Square Imploder 39–47 Square Exploder 48–56 Diamond Imploder 57–65 Diamond Exploder 66–74 2 Line Spinner 75–83 Triangle Spinner 84–92 Tri-Downer 93–101 Tri-Upper 102–110 Bowtie Spinner 111–119 One-Liner 120–128 Line Hop UP 129–137 Line Hop DOWN 138–146 Line Hop UP DOWN 147–155 T-Spin 156–164 Upside Down T-Spin 165–173 Diamond Spoke Spin 174–182 Line Hop LEFT 183–191 Line Hop RIGHT 192–200 Line Hop LEFT RIGHT 201–209 Double Verticals 210–218 Double Horizontals 219–227 Diagonal Right 228–236 Diagonal Left 237–246 Moving Squares 247–255 Clock
54	Effect Speed	0	
55	Dimmer	0	0–0 Min 1–254 Min>Max 255–255 Max
56	Shutter / Strobe	10	0–10 No Function 11–255 Strobe Slow to Fast
57	Dimmer Mode	0	0–51 Display Menu 52–101 Dimmer speed mode off 102–152 Dimmer speed mode1 153–203 Dimmer speed mode2 204–255 Dimmer speed mode3

61CH (1825)MODE

61 channels

Ch	Function	Default	DMX values
1	Color Add WW	255	0–0 Min 1–254 Min>Max 255–255 Max
2	Reserved 2	0	
3	Reserved 3	0	
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	

61CH (1825)MODE (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Dimmer	0	
51	Dimmer Fine	0	Fine byte of Dimmer
52	Dimmer	0	
53	Dimmer Fine	0	Fine byte of Dimmer
54	Dimmer	0	
55	Dimmer Fine	0	Fine byte of Dimmer

61CH (1825)MODE (continued)

Ch	Function	Default	DMX values
56	Shutter / Strobe	10	0–10 No Function 11–254 Shutter1Strobe 2 · Slow 0–24.9 Hz 255–255 Shutter1Strobe 2 · Fast 25 Hz
57	Color Wheel	0	0–5 No Function (wheel slot 1) 6–13 R (wheel slot 2) 14–21 G (wheel slot 3) 22–29 B (wheel slot 4) 30–37 W (wheel slot 5) 38–45 WW (wheel slot 6) 46–53 RG (wheel slot 7) 54–61 RB (wheel slot 8) 62–69 RW (wheel slot 9) 70–77 R-WW (wheel slot 10) 78–85 GB (wheel slot 11) 86–93 GW (wheel slot 12) 94–101 G-WW (wheel slot 13) 102–109 BW (wheel slot 14) 110–117 B-WW (wheel slot 15) 118–125 W-WW (wheel slot 16) 126–133 RGB (wheel slot 17) 134–141 RGW (wheel slot 18) 142–149 RG-WW (wheel slot 19) 150–157 RBW (wheel slot 20) 158–165 RB-WW (wheel slot 21) 166–173 RW-WW (wheel slot 22) 174–181 GBW (wheel slot 23) 182–189 GB-WW (wheel slot 24) 190–197 BW-WW (wheel slot 25) 198–205 RGBW (wheel slot 26) 206–213 RGB-WW (wheel slot 27) 214–221 GBW-WW (wheel slot 28) 222–229 RBW-WW (wheel slot 29) 230–237 RGBW-WW (wheel slot 30) 238–255 No Function 1 (wheel slot 31)
58	C TO	255	0–5 No Function (wheel slot 1) 6–18 2700K (wheel slot 2) 19–31 2800K (wheel slot 3) 32–44 3000K (wheel slot 4) 45–57 3200K (wheel slot 5) 58–70 3500K (wheel slot 6) 71–83 4000K (wheel slot 7) 84–96 4500K (wheel slot 8) 97–109 5000K (wheel slot 9) 110–122 5600K (wheel slot 10) 123–135 6000K (wheel slot 11) 136–148 6500K (wheel slot 12) 149–161 7000K (wheel slot 13) 162–174 7500K (wheel slot 14) 175–187 8000K (wheel slot 15) 188–200 8500K (wheel slot 16) 201–213 9000K (wheel slot 17) 214–226 9500K (wheel slot 18) 227–239 10000K (wheel slot 19) 240–255 No Function (wheel slot 20)
59	Effect	0	0–10 No Function 11–40 Auto Program 1 41–80 Auto Program 2 81–120 Auto Program 3 121–160 Auto Program 4 161–200 Auto Program 5 201–240 Auto Program 6 241–255 No Function

61CH (1825)MODE (continued)

Ch	Function	Default	DMX values
60	Effect Speed	0	
61	Control1	0	0–7 No function 8–15 Dimmer Reset 16–23 Red Shift: ON 24–31 Red Shift: OFF 32–39 Dimmer: S-Curve 40–47 Dimmer: Linear 48–55 Dimmer: Square 56–63 Dimmer: Inverse Square 64–71 Dimmer speed mode off 72–79 Dimmer speed mode1 80–87 Dimmer speed mode2 88–95 Dimmer speed mode3 96–103 Pixel Flipping Normal 104–111 Flip Right 90 112–119 FlipRight180 120–127 FlipRight270 128–135 Off 136–143 Manual 144–151 600Hz 152–159 1200Hz 160–167 2000Hz 168–175 4000Hz 176–183 6000Hz 184–191 25000Hz 192–199 10S 200–207 30S 208–215 2Min 216–223 On 224–255 NoFunction

252CH

252 channels

Ch	Function	Default	DMX values
1	Dimmer	255	
2	Dimmer Fine	255	Fine byte of Dimmer
3	Dimmer	255	
4	Dimmer Fine	255	Fine byte of Dimmer
5	Dimmer	255	
6	Dimmer Fine	255	Fine byte of Dimmer
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	

252CH (continued)

Ch	Function	Default	DMX values
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	
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	

252CH (continued)

Ch	Function	Default	DMX values
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	
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	

252CH (continued)

Ch	Function	Default	DMX values
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	
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	Reserved 151	0	
152	Reserved 152	0	
153	Reserved 153	0	
154	Reserved 154	0	

252CH (continued)

Ch	Function	Default	DMX values
155	Reserved 155	0	
156	Reserved 156	0	
157	Reserved 157	0	
158	Reserved 158	0	
159	Reserved 159	0	
160	Reserved 160	0	
161	Reserved 161	0	
162	Reserved 162	0	
163	Reserved 163	0	
164	Reserved 164	0	
165	Reserved 165	0	
166	Reserved 166	0	
167	Reserved 167	0	
168	Reserved 168	0	
169	Reserved 169	0	
170	Reserved 170	0	
171	Reserved 171	0	
172	Reserved 172	0	
173	Reserved 173	0	
174	Reserved 174	0	
175	Reserved 175	0	
176	Reserved 176	0	
177	Reserved 177	0	
178	Reserved 178	0	
179	Reserved 179	0	
180	Reserved 180	0	
181	Reserved 181	0	
182	Reserved 182	0	
183	Reserved 183	0	
184	Reserved 184	0	
185	Reserved 185	0	
186	Reserved 186	0	
187	Reserved 187	0	
188	Reserved 188	0	
189	Reserved 189	0	
190	Reserved 190	0	
191	Reserved 191	0	
192	Reserved 192	0	
193	Reserved 193	0	
194	Reserved 194	0	
195	Reserved 195	0	
196	Reserved 196	0	
197	Reserved 197	0	
198	Reserved 198	0	
199	Reserved 199	0	

252CH (continued)

Ch	Function	Default	DMX values
200	Reserved 200	0	
201	Reserved 201	0	
202	Reserved 202	0	
203	Reserved 203	0	
204	Reserved 204	0	
205	Reserved 205	0	
206	Reserved 206	0	
207	Reserved 207	0	
208	Reserved 208	0	
209	Reserved 209	0	
210	Reserved 210	0	
211	Reserved 211	0	
212	Reserved 212	0	
213	Reserved 213	0	
214	Reserved 214	0	
215	Reserved 215	0	
216	Reserved 216	0	
217	Reserved 217	0	
218	Reserved 218	0	
219	Reserved 219	0	
220	Reserved 220	0	
221	Reserved 221	0	
222	Reserved 222	0	
223	Reserved 223	0	
224	Reserved 224	0	
225	Reserved 225	0	
226	Reserved 226	0	
227	Reserved 227	0	
228	Reserved 228	0	
229	Reserved 229	0	
230	Reserved 230	0	
231	Reserved 231	0	
232	Reserved 232	0	
233	Reserved 233	0	
234	Reserved 234	0	
235	Reserved 235	0	
236	Reserved 236	0	
237	Reserved 237	0	
238	Reserved 238	0	
239	Reserved 239	0	
240	Reserved 240	0	
241	Reserved 241	0	
242	Reserved 242	0	
243	Reserved 243	0	
244	Reserved 244	0	

252CH (continued)

Ch	Function	Default	DMX values
245	Reserved 245	0	
246	Reserved 246	0	
247	Reserved 247	0	
248	Reserved 248	0	
249	Reserved 249	0	
250	Reserved 250	0	
251	Reserved 251	0	
252	Shutter / Strobe	10	0–10 No Function 11–254 Shutter1Strobe 2 · Slow 0–24.9 Hz 255–255 Shutter1Strobe 2 · Fast 25 Hz