EK Lights

EC12



Manufacturer	**EK Lights**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**18, 36, 37, 62, 84, 85 channels**
Beam angle	**3.8-51.2°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**13**
Size (W × H × D)	**268 × 278 × 251 mm**
GDTF fixture type	**11F77F5C-3C32-40A5-BF35-454…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

Basic-18CH	18 ch
Advanced-36CH	36 ch
Standard-37CH	37 ch
Basic Pixel 62CH	62 ch
Advanced + Pixel 84CH	84 ch
Standard +Pixel 85CH	85 ch

Basic-18CH

18 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	Zoom	0	0–0 Max 1–254 Max>Min 255–255 Min
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	C TO	5	0–4 NoFeature 5–255 10000K - 2800K
10	Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
11	Crossfade	255	
12	Dimmer Fade	0	0–0 Fast 1–254 Fast to Slow 255–255 Slow

Basic-18CH (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–3 No Function 4–7 Fan Auto 8–11 Fan Silent 12–15 Fan Constant 16–19 Normal Tilt speed 20–23 Fast Tilt speed 24–39 No Function 40–43 Dimmer curve Linear 44–47 Dimmer curve Exponential 48–51 Dimmer curve Logarithmic 52–55 Dimmer curve S 56–59 No Function 60–63 Raw color channels gamma 1 64–67 Raw color channels gamma 1*5 68–71 Raw color channels gamma 2*2 72–75 Color Calibration Off 76–79 Color Calibration Factory 80–83 Color Calibration Customized 84–87 No Function 88–91 Reverse Mapping Off 92–95 Reverse Mapping On 96–97 Pixel Map Disabled 98–99 Pixel Map On Circle Mode 100–103 Pixel Map On RGBW Mode 104–107 Zoom Reposition On 108–111 Zoom Reposition Off 112–159 No Function 160–163 Dimmer Fade Off 164–167 Dimmer Fade On 168–171 600Hz 172–175 1200 Hz 176–179 2000 Hz 180–183 4000 Hz 184–187 6000 Hz 188–191 25000Hz 192–195 Display On 196–199 Display Off 10s 200–203 Display Off 20s 204–207 Display Off 30s 208–253 No Function 254–255 Restore default settings
14	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset (Hold 5S) 77–127 Pan / Tilt Reset (Hold 5S) 128–255 Complete Reset (Hold 5S)
15	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
18	White	255	0–0 Min 1–254 Min<Max 255–255 Max

Advanced-36CH

36 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	Zoom	0	0–0 Max 1–254 Max>Min 255–255 Min
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer

Advanced-36CH (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–3 No Function 4–7 Fan Auto 8–11 Fan Silent 12–15 Fan Constant 16–19 Normal Tilt speed 20–23 Fast Tilt speed 24–39 No Function 40–43 Dimmer curve Linear 44–47 Dimmer curve Exponential 48–51 Dimmer curve Logarithmic 52–55 Dimmer curve S 56–59 No Function 60–63 Raw color channels gamma 1 64–67 Raw color channels gamma 1*5 68–71 Raw color channels gamma 2*2 72–75 Color Calibration Off 76–79 Color Calibration Factory 80–83 Color Calibration Customized 84–87 No Function 88–91 Reverse Mapping Off 92–95 Reverse Mapping On 96–97 Pixel Map Disabled 98–99 Pixel Map On Circle Mode 100–103 Pixel Map On RGBW Mode 104–107 Zoom Reposition On 108–111 Zoom Reposition Off 112–159 No Function 160–163 Dimmer Fade Off 164–167 Dimmer Fade On 168–171 600Hz 172–175 1200 Hz 176–179 2000 Hz 180–183 4000 Hz 184–187 6000 Hz 188–191 25000Hz 192–195 Display On 196–199 Display Off 10s 200–203 Display Off 20s 204–207 Display Off 30s 208–253 No Function 254–255 Restore default settings
10	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset (Hold 5S) 77–127 Pan / Tilt Reset (Hold 5S) 128–255 Complete Reset (Hold 5S)
11	Crossfade	255	
12	Red	255	0–0 Min 1–254 Min<Max 255–255 Max
13	Green	255	0–0 Min 1–254 Min<Max 255–255 Max
14	Blue	255	0–0 Min 1–254 Min<Max 255–255 Max
15	White	255	0–0 Min 1–254 Min<Max 255–255 Max
16	C TO	5	0–4 NoFeature 5–255 10000K - 2800K

Advanced-36CH (continued)

Ch	Function	Default	DMX values
17	Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
18	Background Shutter	255	0–3 Open 4–4 slow 5–102 slow to fast 103–103 fast 104–107 Open 108–108 slow 109–206 slow to fast 207–207 fast 208–212 Open 213–213 slow 214–250 slow to fast 251–251 fast 252–255 Open
19	Background Dimmer	255	0–0 Min 1–254 Min<Max 255–255 Max
20	Shape Red	0	0–0 Min 1–254 Min<Max 255–255 Max
21	Shape Green	0	0–0 Min 1–254 Min<Max 255–255 Max
22	Shape Blue	0	0–0 Min 1–254 Min<Max 255–255 Max
23	Shape White	0	0–0 Min 1–254 Min<Max 255–255 Max
24	Shape CTO	0	0–4 OFF 5–255 10000K - 2800K
25	Shape Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
26	Shape Shutter	255	0–3 Open 4–4 slow 5–102 slow to fast 103–103 fast 104–107 Open 108–108 slow 109–206 slow to fast 207–207 fast 208–212 Open 213–213 slow 214–250 slow to fast 251–251 fast 252–255 Open
27	Shape Dimmer	255	0–0 Min 1–254 Min<Max 255–255 Max
28	Effect Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Advanced-36CH (continued)

Ch	Function	Default	DMX values
29	Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
30	Effect Speed	0	0–124 fast to slow 125–130 Stop 131–255 slow to fast
31	Effects1Fade	0	0–5 Off 6–130 Fade (From fast to slow) 131–255 Wave (From fast to slow)
32	Effect Transition	0	
33	Pixel Shutter	255	0–3 Open 4–4 slow 5–102 slow to fast 103–103 fast 104–107 Open 108–108 slow 109–206 slow to fast 207–207 fast 208–212 Open 213–213 slow 214–250 slow to fast 251–251 fast 252–255 Open
34	Pixel Dimmer	255	0–0 Min 1–254 Min<Max 255–255 Max
35	Pixels CTO	0	0–4 OFF 5–255 10000K - 2800K

Advanced-36CH (continued)

Ch	Function	Default	DMX values
36	Pixels Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift

Standard-37CH

37 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	Zoom	0	0–0 Max 1–254 Min<Max 255–255 Min
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer

Standard-37CH (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–3 No Function 4–7 Fan Auto 8–11 Fan Silent 12–15 Fan Constant 16–19 Normal Tilt speed 20–23 Fast Tilt speed 24–39 No Function 40–43 Dimmer curve Linear 44–47 Dimmer curve Exponential 48–51 Dimmer curve Logarithmic 52–55 Dimmer curve S 56–59 No Function 60–63 Raw color channels gamma 1 64–67 Raw color channels gamma 1*5 68–71 Raw color channels gamma 2*2 72–75 Color Calibration Off 76–79 Color Calibration Factory 80–83 Color Calibration Customized 84–87 No Function 88–91 Reverse Mapping Off 92–95 Reverse Mapping On 96–97 Pixel Map Disabled 98–99 Pixel Map On Circle Mode 100–103 Pixel Map On RGBW Mode 104–107 Zoom Reposition On 108–111 Zoom Reposition Off 112–159 No Function 160–163 Dimmer Fade Off 164–167 Dimmer Fade On 168–171 600Hz 172–175 1200 Hz 176–179 2000 Hz 180–183 4000 Hz 184–187 6000 Hz 188–191 25000Hz 192–195 Display On 196–199 Display Off 10s 200–203 Display Off 20s 204–207 Display Off 30s 208–253 No Function 254–255 Restore default settings
10	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset (Hold 5S) 77–127 Pan / Tilt Reset (Hold 5S) 128–255 Complete Reset (Hold 5S)
11	Crossfade	255	
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	White	255	
19	White Fine	255	Fine byte of White
20	C TO	5	0–4 NoFeature 5–255 10000K - 2800K

Standard-37CH (continued)

Ch	Function	Default	DMX values
21	Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
22	Dimmer Fade	0	0–0 Fast 1–254 Fast to Slow 255–255 Slow
23	Background Shutter	255	0–3 Open 4–4 slow 5–102 slow to fast 103–103 fast 104–107 Open 108–108 slow 109–206 slow to fast 207–207 fast 208–212 Open 213–213 slow 214–250 slow to fast 251–251 fast 252–255 Open
24	Background Dimmer	255	0–0 Min 1–254 Min<Max 255–255 Max
25	Shape Red	0	0–0 Min 1–254 Min<Max 255–255 Max
26	Shape Green	0	0–0 Min 1–254 Min<Max 255–255 Max
27	Shape Blue	0	0–0 Min 1–254 Min<Max 255–255 Max
28	Shape White	0	0–0 Min 1–254 Min<Max 255–255 Max
29	Shape CTO	0	0–4 OFF 5–255 10000K - 2800K
30	Shape Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
31	Shape Shutter	255	0–3 Open 4–4 slow 5–102 slow to fast 103–103 fast 104–107 Open 108–108 slow 109–206 slow to fast 207–207 fast 208–212 Open 213–213 slow 214–250 slow to fast 251–251 fast 252–255 Open
32	Shape Dimmer	0	0–0 Min 1–254 Min<Max 255–255 Max
33	Effect Mode	0	0–5 Normal 6–130 Static 131–255 Dynamic

Standard-37CH (continued)

Ch	Function	Default	DMX values
34	Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
35	Effect Speed	0	0–124 fast to slow 125–130 Stop 131–255 slow to fast
36	Effects1Fade	0	0–5 Off 6–130 Fade (From fast to slow) 131–255 Wave (From fast to slow)
37	Effect Transition	0	

Basic Pixel 62CH

62 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	Zoom	0	0–0 Max 1–254 Max>Min 255–255 Min

Basic Pixel 62CH (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	C TO	5	0–4 NoFeature 5–255 10000K - 2800K
10	Tint	0	0–127 Red Shift 128–128 Off 129–255 Green Shift
11	Crossfade	255	
12	Dimmer Fade	0	0–0 Fast 1–254 Fast to Slow 255–255 Slow

Basic Pixel 62CH (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–3 No Function 4–7 Fan Auto 8–11 Fan Silent 12–15 Fan Constant 16–19 Normal Tilt speed 20–23 Fast Tilt speed 24–39 No Function 40–43 Dimmer curve Linear 44–47 Dimmer curve Exponential 48–51 Dimmer curve Logarithmic 52–55 Dimmer curve S 56–59 No Function 60–63 Raw color channels gamma 1 64–67 Raw color channels gamma 1*5 68–71 Raw color channels gamma 2*2 72–75 Color Calibration Off 76–79 Color Calibration Factory 80–83 Color Calibration Customized 84–87 No Function 88–91 Reverse Mapping Off 92–95 Reverse Mapping On 96–97 Pixel Map Disabled 98–99 Pixel Map On Circle Mode 100–103 Pixel Map On RGBW Mode 104–107 Zoom Reposition On 108–111 Zoom Reposition Off 112–159 No Function 160–163 Dimmer Fade Off 164–167 Dimmer Fade On 168–171 600Hz 172–175 1200 Hz 176–179 2000 Hz 180–183 4000 Hz 184–187 6000 Hz 188–191 25000Hz 192–195 Display On 196–199 Display Off 10s 200–203 Display Off 20s 204–207 Display Off 30s 208–253 No Function 254–255 Restore default settings
14	Fixture Global Reset	0	0–25 No Function 26–76 Zoom Reset (Hold 5S) 77–127 Pan / Tilt Reset (Hold 5S) 128–255 Complete Reset (Hold 5S)
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	255	

Basic Pixel 62CH (continued)

Ch	Function	Default	DMX values
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	White	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	White	255	
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	White	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	White	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	White	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	White	255	

Advanced + Pixel 84CH

84 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	Zoom	0	

Advanced + Pixel 84CH (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	
10	Fixture Global Reset	0	
11	Crossfade	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	0	
16	C TO	5	
17	Tint	0	
18	Background Shutter	255	
19	Background Dimmer	255	
20	Shape Red	0	
21	Shape Green	0	
22	Shape Blue	0	
23	Shape White	0	
24	Shape CTO	0	
25	Shape Tint	0	
26	Shape Shutter	255	
27	Shape Dimmer	255	
28	Effect Mode	0	

Advanced + Pixel 84CH (continued)

Ch	Function	Default	DMX values
29	Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
30	Effect Speed	0	
31	Effects1Fade	0	
32	Effect Transition	0	
33	Pixel Shutter	255	
34	Pixel Dimmer	255	
35	Pixels CTO	0	
36	Pixels Tint	0	
37	Red	255	
38	Green	255	
39	Blue	255	
40	White	255	
41	Red	255	
42	Green	255	
43	Blue	255	
44	White	255	
45	Red	255	
46	Green	255	
47	Blue	255	
48	White	255	
49	Red	255	
50	Green	255	

Advanced + Pixel 84CH (continued)

Ch	Function	Default	DMX values
51	Blue	255	
52	White	255	
53	Red	255	
54	Green	255	
55	Blue	255	
56	White	255	
57	Red	255	
58	Green	255	
59	Blue	255	
60	White	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	White	255	
65	Red	255	
66	Green	255	
67	Blue	255	
68	White	255	
69	Red	255	
70	Green	255	
71	Blue	255	
72	White	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	White	255	
77	Red	255	
78	Green	255	
79	Blue	255	
80	White	255	
81	Red	255	
82	Green	255	
83	Blue	255	
84	White	255	

Standard +Pixel 85CH

85 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	Zoom	0	

Standard +Pixel 85CH (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	255	0–3 Open 4–4 Strobe · slow 1 Hz 5–102 Strobe · slow to fast 1.24–24.8 Hz 103–103 Strobe · fast 25 Hz 104–107 Open 108–108 StrobePulse · slow 0.5 Hz 109–206 StrobePulse · slow to fast 0.747–24.8 Hz 207–207 StrobePulse · fast 25 Hz 208–212 Open 213–213 StrobeRandom · slow 1 Hz 214–250 StrobeRandom · slow to fast 1.63–24.4 Hz 251–251 StrobeRandom · fast 25 Hz 252–255 Open
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Control1	0	
10	Fixture Global Reset	0	
11	Crossfade	255	
12	Red	0	
13	Red Fine	0	Fine byte of Red
14	Green	0	
15	Green Fine	0	Fine byte of Green
16	Blue	0	
17	Blue Fine	0	Fine byte of Blue
18	White	0	
19	White Fine	0	Fine byte of White
20	C TO	5	
21	Tint	0	
22	Dimmer Fade	0	
23	Background Shutter	255	
24	Background Dimmer	255	
25	Shape Red	0	
26	Shape Green	0	
27	Shape Blue	0	
28	Shape White	0	
29	Shape CTO	0	
30	Shape Tint	0	
31	Shape Shutter	255	
32	Shape Dimmer	255	
33	Effect Mode	0	

Standard +Pixel 85CH (continued)

Ch	Function	Default	DMX values
34	Effect	0	0–7 Effect 1 8–15 Effect 2 16–23 Effect 3 24–31 Effect 4 32–38 Effect 5 39–46 Effect 6 47–54 Effect 7 55–62 Effect 8 63–69 Effect 9 70–77 Effect 10 78–85 Effect 11 86–93 Effect 12 94–100 Effect 13 101–108 Effect 14 109–116 Effect 15 117–124 Effect 16 125–131 Effect 17 132–139 Effect 18 140–147 Effect 19 148–155 Effect 20 156–162 Effect 21 163–170 Effect 22 171–178 Effect 23 179–186 Effect 24 187–193 Effect 25 194–201 Effect 26 202–209 Effect 27 210–217 Effect 28 218–224 Effect 29 225–232 Effect 30 233–240 Effect 31 241–248 Effect 32 249–255 Effect 33
35	Effect Speed	0	
36	Effects1Fade	0	
37	Effect Transition	0	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	255	
42	Red	255	
43	Green	255	
44	Blue	255	
45	White	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	White	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	White	255	
54	Red	255	
55	Green	255	

Standard +Pixel 85CH (continued)

Ch	Function	Default	DMX values
56	Blue	255	
57	White	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	White	255	
62	Red	255	
63	Green	255	
64	Blue	255	
65	White	255	
66	Red	255	
67	Green	255	
68	Blue	255	
69	White	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	White	255	
74	Red	255	
75	Green	255	
76	Blue	255	
77	White	255	
78	Red	255	
79	Green	255	
80	Blue	255	
81	White	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	White	255	