AML Lighting

AL-Q5IP AuraZoom FX



Manufacturer	**AML Lighting**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**31, 39, 59, 95 channels**
Beam angle	**5-20°**
Tilt range	**270°**
Size (W × H × D)	**473 × 161 × 250 mm**
GDTF fixture type	**7DCEB61F-374A-4146-951A-34…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

31CH	31 ch
43CH	39 ch
67CH	59 ch
147CH	95 ch

31CH

31 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	0	Fine byte of Tilt
3	Position MSpeed	0	
4	Control1	0	0–4 No Function 5–9 Display Always On 10–14 Display 10s 15–19 Display 30s 20–24 Display 1min 25–29 Screen Lock Off 30–34 Screen Lock On 35–39 Signal Hold 40–44 Blackout 45–59 No Function 60–64 Dimming Standard 65–69 Dimming Fast 70–74 Dimming Slow 75–84 No Function 85–89 Dimming Linear 90–94 Dimming Square 95–99 Dimming S-Curve 100–109 No Function 110–114 LED Freq 4K 115–119 LED Freq 8K 120–124 LED Freq 16K 125–129 LED Freq 24K 130–139 No Function 140–144 Fan Auto 145–149 Fan Silent 150–154 Fan Full 155–164 No Function 165–169 Red Shift Off 170–174 Red Shift On 175–179 Pixel Invert Off 180–184 Pixel Invert On 185–214 No Function 215–219 Tilt Invert Off 220–224 Tilt Invert On 225–229 Error Corr Off 230–234 Error Corr On 235–239 Tilt Reset 240–244 Focus Reset 245–249 Reset All 250–255 No Function
5	Zoom	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open

31CH (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open
13	Red	255	
14	Red Fine	255	Fine byte of Red
15	Green	255	
16	Green Fine	255	Fine byte of Green
17	Blue	255	
18	Blue Fine	255	Fine byte of Blue
19	Color Add GY	0	
20	Color Add GY Fine	0	Fine byte of Color Add GY
21	Color Add WW	255	
22	Color Add CW	255	
23	C TO	0	0–5 No Function 6–21 1800K 22–37 2000K 38–53 2500K 54–69 2700K 70–85 3000K 86–101 3200K 102–117 3500K 118–133 4000K 134–149 4500K 150–165 5000K 166–181 5600K 182–197 6000K 198–213 6500K 214–229 7200K 230–255 8000K
24	C TB	0	0–0 Color Temp Comp Off 1–127 Magenta to Off 128–128 Color Temp Comp Off 129–255 Off to Green

31CH (continued)

Ch	Function	Default	DMX values
25	Color Macro1	0	0–5 No Function 6–10 Cyan 11–15 Magenta 16–20 Yellow 21–25 CTO 3200K 26–30 Flame Red 31–35 Rose Red 36–40 Sunset Red 41–45 Dark Pink 46–50 Bright Pink 51–55 Golden Amber 56–60 Bastard Amber 61–65 Full CT Orange 66–70 Sky Blue 71–75 Steel Blue 76–80 Light Blue 81–85 Medium Blue 86–90 Summer Blue 91–95 Pale Navy Blue 96–100 Lagoon Blue 101–105 Lighter Blue 106–110 Lime Green 111–115 Moss Green 116–120 Forest Green 121–125 Pale Green 126–130 Sea Green 131–135 Spring Green 136–140 Aquamarine 141–145 Emerald Green 146–185 Rainbow Effect 186–220 Color Macro Jump 221–255 Color Macro Fade
26	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
27	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
28	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10

31CH (continued)

Ch	Function	Default	DMX values
29	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
30	Effects1Fade	0	
31	Pixel Mode	0	0–15 DMX Mode 16–238 Mixed Pixel Mode 239–255 ArtNet Mode

43CH

39 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	0	Fine byte of Tilt
3	Position MSpeed	0	
4	Control1	0	0–4 No Function 5–9 Display Always On 10–14 Display 10s 15–19 Display 30s 20–24 Display 1min 25–29 Screen Lock Off 30–34 Screen Lock On 35–39 Signal Hold 40–44 Blackout 45–59 No Function 60–64 Dimming Standard 65–69 Dimming Fast 70–74 Dimming Slow 75–84 No Function 85–89 Dimming Linear 90–94 Dimming Square 95–99 Dimming S-Curve 100–109 No Function 110–114 LED Freq 4K 115–119 LED Freq 8K 120–124 LED Freq 16K 125–129 LED Freq 24K 130–139 No Function 140–144 Fan Auto 145–149 Fan Silent 150–154 Fan Full 155–164 No Function 165–169 Red Shift Off 170–174 Red Shift On 175–179 Pixel Invert Off 180–184 Pixel Invert On 185–214 No Function 215–219 Tilt Invert Off 220–224 Tilt Invert On 225–229 Error Corr Off 230–234 Error Corr On 235–239 Tilt Reset 240–244 Focus Reset 245–249 Reset All 250–255 No Function
5	Zoom	0	
6	Dimmer	0	

43CH (continued)

Ch	Function	Default	DMX values
7	Dimmer Fine	0	Fine byte of Dimmer
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25… 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open
12	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25… 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open
13	C TO	0	0–5 No Function 6–21 1800K 22–37 2000K 38–53 2500K 54–69 2700K 70–85 3000K 86–101 3200K 102–117 3500K 118–133 4000K 134–149 4500K 150–165 5000K 166–181 5600K 182–197 6000K 198–213 6500K 214–229 7200K 230–255 8000K
14	C TB	0	0–0 Color Temp Comp Off 1–127 Magenta to Off 128–128 Color Temp Comp Off 129–255 Off to Green

43CH (continued)

Ch	Function	Default	DMX values
15	Color Macro1	0	0–5 No Function 6–10 Cyan 11–15 Magenta 16–20 Yellow 21–25 CTO 3200K 26–30 Flame Red 31–35 Rose Red 36–40 Sunset Red 41–45 Dark Pink 46–50 Bright Pink 51–55 Golden Amber 56–60 Bastard Amber 61–65 Full CT Orange 66–70 Sky Blue 71–75 Steel Blue 76–80 Light Blue 81–85 Medium Blue 86–90 Summer Blue 91–95 Pale Navy Blue 96–100 Lagoon Blue 101–105 Lighter Blue 106–110 Lime Green 111–115 Moss Green 116–120 Forest Green 121–125 Pale Green 126–130 Sea Green 131–135 Spring Green 136–140 Aquamarine 141–145 Emerald Green 146–185 Rainbow Effect 186–220 Color Macro Jump 221–255 Color Macro Fade
16	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
17	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
18	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10

43CH (continued)

Ch	Function	Default	DMX values
19	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
20	Effects1Fade	0	
21	Pixel Mode	0	0–15 DMX Mode 16–238 Mixed Pixel Mode 239–255 ArtNet Mode
22	Red	255	
23	Green	255	
24	Blue	255	
25	Color Add GY	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	Color Add WW	255	
35	Color Add CW	255	
36	Reserved 36	0	
37	Reserved 37	0	
38	Color Add WW	255	
39	Color Add CW	255	

67CH

59 channels

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

67CH (continued)

Ch	Function	Default	DMX values
4	Control1	0	0–4 No Function 5–9 Display Always On 10–14 Display 10s 15–19 Display 30s 20–24 Display 1min 25–29 Screen Lock Off 30–34 Screen Lock On 35–39 Signal Hold 40–44 Blackout 45–59 No Function 60–64 Dimming Standard 65–69 Dimming Fast 70–74 Dimming Slow 75–84 No Function 85–89 Dimming Linear 90–94 Dimming Square 95–99 Dimming S-Curve 100–109 No Function 110–114 LED Freq 4K 115–119 LED Freq 8K 120–124 LED Freq 16K 125–129 LED Freq 24K 130–139 No Function 140–144 Fan Auto 145–149 Fan Silent 150–154 Fan Full 155–164 No Function 165–169 Red Shift Off 170–174 Red Shift On 175–179 Pixel Invert Off 180–184 Pixel Invert On 185–214 No Function 215–219 Tilt Invert Off 220–224 Tilt Invert On 225–229 Error Corr Off 230–234 Error Corr On 235–239 Tilt Reset 240–244 Focus Reset 245–249 Reset All 250–255 No Function
5	Zoom	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open

67CH (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open
13	C TO	0	0–5 No Function 6–21 1800K 22–37 2000K 38–53 2500K 54–69 2700K 70–85 3000K 86–101 3200K 102–117 3500K 118–133 4000K 134–149 4500K 150–165 5000K 166–181 5600K 182–197 6000K 198–213 6500K 214–229 7200K 230–255 8000K
14	C TB	0	0–0 Color Temp Comp Off 1–127 Magenta to Off 128–128 Color Temp Comp Off 129–255 Off to Green
15	Color Macro1	0	0–5 No Function 6–10 Cyan 11–15 Magenta 16–20 Yellow 21–25 CTO 3200K 26–30 Flame Red 31–35 Rose Red 36–40 Sunset Red 41–45 Dark Pink 46–50 Bright Pink 51–55 Golden Amber 56–60 Bastard Amber 61–65 Full CT Orange 66–70 Sky Blue 71–75 Steel Blue 76–80 Light Blue 81–85 Medium Blue 86–90 Summer Blue 91–95 Pale Navy Blue 96–100 Lagoon Blue 101–105 Lighter Blue 106–110 Lime Green 111–115 Moss Green 116–120 Forest Green 121–125 Pale Green 126–130 Sea Green 131–135 Spring Green 136–140 Aquamarine 141–145 Emerald Green 146–185 Rainbow Effect 186–220 Color Macro Jump 221–255 Color Macro Fade

67CH (continued)

Ch	Function	Default	DMX values
16	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
17	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
18	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
19	Effect Speed	0	0–127 Index 128–128 Stop 129–191 CW Rot Fast-Slow 192–192 Stop 193–255 CCW Rot Slow-Fast
20	Effects1Fade	0	
21	Pixel Mode	0	0–15 DMX Mode 16–238 Mixed Pixel Mode 239–255 ArtNet Mode
22	Red	255	
23	Green	255	
24	Blue	255	
25	Color Add GY	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	

67CH (continued)

Ch	Function	Default	DMX values
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	Color Add WW	255	
47	Color Add CW	255	
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	Color Add WW	255	
59	Color Add CW	255	

147CH

95 channels

Ch	Function	Default	DMX values
1	Tilt	128	
2	Tilt Fine	0	Fine byte of Tilt
3	Position MSpeed	0	
4	Control1	0	
5	Zoom	0	
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open

147CH (continued)

Ch	Function	Default	DMX values
12	Shutter / Strobe	0	0–5 Opne 6–10 Close 11–35 Puls Random 36–60 Ramp up Random 61–85 Shutter1StrobePulse 3 · Ramp down Randon 17.2–25... 86–110 Random strobe 111–135 Strobe Break 136–250 Strobe 251–255 open
13	C TO	0	
14	C TB	0	
15	Color Macro1	0	
16	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
17	Effect Speed	0	
18	Effect	0	0–9 No Function 10–34 Effect 1 35–59 Effect 2 60–84 Effect 3 85–109 Effect 4 110–134 Effect 5 135–159 Effect 6 160–184 Effect 7 185–209 Effect 8 210–234 Effect 9 235–244 Effect 10 245–255 Effect Loop 1-10
19	Effect Speed	0	
20	Effects1Fade	0	
21	Pixel Mode	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Color Add GY	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	

147CH (continued)

Ch	Function	Default	DMX values
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	
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	

147CH (continued)

Ch	Function	Default	DMX values
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	Color Add WW	255	
95	Color Add CW	255	