ACME

ACME LYRA (XA 1000 BSWF IP)



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**5**
DMX footprint	**22, 30, 31, 39, 40 channels**
Beam angle	**6-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**305 × 506 × 272 mm**
GDTF fixture type	**FC3164C3-8E42-4576-97D1-3B...**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 4 22 DMX	22 ch
Mode 2 30 DMX	30 ch
Mode 3 31 DMX	31 ch
Mode 1 39 DMX	39 ch
Mode 5 40 DMX	40 ch

Mode 4 22 DMX

22 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
11	Iris	0	
12	C RI	0	0–7 Open 8–255 CRI
13	Frost1	0	
14	Frost2	0	
15	Zoom	128	
16	Zoom Fine	128	Fine byte of Zoom
17	Focus	122	
18	Focus Fine	122	Fine byte of Focus
19	Shutter / Strobe	15	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 22 DMX (continued)

Ch	Function	Default	DMX values
22	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–121 900HZ 122–123 1000HZ 124–125 1100HZ 126–127 1200HZ 128–129 1300HZ 130–131 1400HZ 132–133 1500HZ 134–135 2500HZ 136–137 4000HZ 138–139 5000HZ 140–141 6000HZ 142–143 10K 144–145 15K 146–147 20K 148–149 25K 150–179 NoFeature 2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 2 30 DMX

30 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 2 30 DMX (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo1Shake (wheel slot 2) 71–77 Gobo2 Shake (wheel slot 3) 78–84 Gobo3 Shake (wheel slot 4) 85–91 Gobo4 Shake (wheel slot 5) 92–98 Gobo5 Shake (wheel slot 6) 99–105 Gobo6 Shake (wheel slot 7) 106–112 Gobo7 Shake (wheel slot 8) 113–119 Gobo8 Shake (wheel slot 9) 120–127 Gobo9 Shake (wheel slot 10) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
14	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
15	Iris	0	
16	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)

Mode 2 30 DMX (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
18	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
19	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CCW 255–255 max CCW
20	C RI	0	0–7 Open 8–255 CRI
21	Frost1	0	
22	Frost2	0	
23	Zoom	128	
24	Zoom Fine	128	Fine byte of Zoom
25	Focus	122	
26	Focus Fine	122	Fine byte of Focus
27	Shutter / Strobe	15	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
28	Dimmer	0	
29	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 30 DMX (continued)

Ch	Function	Default	DMX values
30	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–121 900HZ 122–123 1000HZ 124–125 1100HZ 126–127 1200HZ 128–129 1300HZ 130–131 1400HZ 132–133 1500HZ 134–135 2500HZ 136–137 4000HZ 138–139 5000HZ 140–141 6000HZ 142–143 10K 144–145 15K 146–147 20K 148–149 25K 150–179 NoFeature 2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 3 31 DMX

31 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 3 31 DMX (continued)

Ch	Function	Default	DMX values
11	Iris	0	
12	C RI	0	0–7 Open 8–255 CRI
13	Frost1	0	
14	Frost2	0	
15	Zoom	128	
16	Zoom Fine	128	Fine byte of Zoom
17	Focus	122	
18	Focus Fine	122	Fine byte of Focus
19	Shutter / Strobe	15	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer
22	Shaper Rot	128	
23	Blade1A	0	
24	Blade1B	0	
25	Blade3A	0	
26	Blade3B	0	
27	Blade2A	0	
28	Blade2B	0	
29	Blade4A	0	
30	Blade4B	0	

Mode 3 31 DMX (continued)

Ch	Function	Default	DMX values
31	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–121 900HZ 122–123 1000HZ 124–125 1100HZ 126–127 1200HZ 128–129 1300HZ 130–131 1400HZ 132–133 1500HZ 134–135 2500HZ 136–137 4000HZ 138–139 5000HZ 140–141 6000HZ 142–143 10K 144–145 15K 146–147 20K 148–149 25K 150–179 NoFeature 2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 1 39 DMX

39 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 1 39 DMX (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo1Shake (wheel slot 2) 71–77 Gobo2 Shake (wheel slot 3) 78–84 Gobo3 Shake (wheel slot 4) 85–91 Gobo4 Shake (wheel slot 5) 92–98 Gobo5 Shake (wheel slot 6) 99–105 Gobo6 Shake (wheel slot 7) 106–112 Gobo7 Shake (wheel slot 8) 113–119 Gobo8 Shake (wheel slot 9) 120–127 Gobo9 Shake (wheel slot 10) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
14	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
15	Iris	0	
16	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)

Mode 1 39 DMX (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
18	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
19	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CCW 255–255 max CCW
20	C RI	0	0–7 Open 8–255 CRI
21	Frost1	0	
22	Frost2	0	
23	Zoom	128	
24	Zoom Fine	128	Fine byte of Zoom
25	Focus	122	
26	Focus Fine	122	Fine byte of Focus
27	Shutter / Strobe	15	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
28	Dimmer	0	
29	Dimmer Fine	0	Fine byte of Dimmer
30	Shaper Rot	128	
31	Blade1A	0	
32	Blade1B	0	
33	Blade3A	0	
34	Blade3B	0	
35	Blade2A	0	
36	Blade2B	0	
37	Blade4A	0	
38	Blade4B	0	

Mode 1 39 DMX (continued)

Ch	Function	Default	DMX values
39	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–121 900HZ 122–123 1000HZ 124–125 1100HZ 126–127 1200HZ 128–129 1300HZ 130–131 1400HZ 132–133 1500HZ 134–135 2500HZ 136–137 4000HZ 138–139 5000HZ 140–141 6000HZ 142–143 10K 144–145 15K 146–147 20K 148–149 25K 150–179 NoFeature 2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 5 40 DMX

40 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 5 40 DMX (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–72 Gobo 1 Shake (wheel slot 2) 73–81 Gobo 2 Shake (wheel slot 3) 82–90 Gobo 3 Shake (wheel slot 4) 91–99 Gobo 4 Shake (wheel slot 5) 100–108 Gobo 5 Shake (wheel slot 6) 109–117 Gobo 6 Shake (wheel slot 7) 118–127 Gobo 7 Shake (wheel slot 8) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
12	Gobo Rotation	0	0–127 Open 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo1Shake (wheel slot 2) 71–77 Gobo2 Shake (wheel slot 3) 78–84 Gobo3 Shake (wheel slot 4) 85–91 Gobo4 Shake (wheel slot 5) 92–98 Gobo5 Shake (wheel slot 6) 99–105 Gobo6 Shake (wheel slot 7) 106–112 Gobo7 Shake (wheel slot 8) 113–119 Gobo8 Shake (wheel slot 9) 120–127 Gobo9 Shake (wheel slot 10) 128–190 max CCW 191–191 min CCW 192–254 min CW 255–255 max CW
15	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
16	Iris	0	
17	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)

Mode 5 40 DMX (continued)

Ch	Function	Default	DMX values
18	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
19	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
20	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CCW 255–255 max CCW
21	C RI	0	0–7 Open 8–255 CRI
22	Frost1	0	
23	Frost2	0	
24	Zoom	128	
25	Zoom Fine	128	Fine byte of Zoom
26	Focus	122	
27	Focus Fine	122	Fine byte of Focus
28	Shutter / Strobe	15	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 182–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open 4 240–247 Strobe Ran 248–255 Open 5
29	Dimmer	0	
30	Dimmer Fine	0	Fine byte of Dimmer
31	Shaper Rot	128	
32	Blade1A	0	
33	Blade1B	0	
34	Blade3A	0	
35	Blade3B	0	
36	Blade2A	0	
37	Blade2B	0	
38	Blade4A	0	
39	Blade4B	0	

Mode 5 40 DMX (continued)

Ch	Function	Default	DMX values
40	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Standard 80–89 Quiet 90–99 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–121 900HZ 122–123 1000HZ 124–125 1100HZ 126–127 1200HZ 128–129 1300HZ 130–131 1400HZ 132–133 1500HZ 134–135 2500HZ 136–137 4000HZ 138–139 5000HZ 140–141 6000HZ 142–143 10K 144–145 15K 146–147 20K 148–149 25K 150–179 NoFeature 2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3