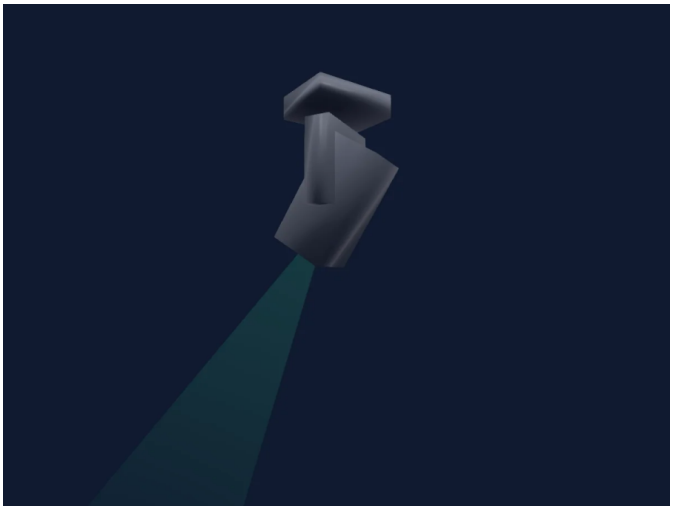
ACME

ACME SUPERNOVA (XA 2000 BSWF IP)



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**23, 32, 34, 43 channels**
Beam angle	**4-46°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**332 × 638 × 304 mm**
GDTF fixture type	**711041C0-D182-426D-810A-EF…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY 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 23 DMX	23 ch
Mode 3 32 DMX	32 ch
Mode 2 34 DMX	34 ch
Mode 1 43 DMX	43 ch

Mode 4 23 DMX

23 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	Green Correction	0	0–7 Closed 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	64	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
12	Color Wheel 2	64	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Yellow (wheel slot 3) 36–48 Blue (wheel slot 4) 49–63 Open (wheel slot 5) 64–127 Color2 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–255 min CW
13	Iris	0	
14	Frost1	0	
15	Frost2	0	
16	Zoom	128	
17	Zoom Fine	128	Fine byte of Zoom
18	Focus	230	
19	Focus Fine	101	Fine byte of Focus
20	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
21	Dimmer	0	

Mode 4 23 DMX (continued)

Ch	Function	Default	DMX values
22	Dimmer Fine	0	Fine byte of Dimmer
23	Function	0	0–5 No Feature 1 6–7 Wireless On 8–9 Wireless Off 10–19 Blade Mode 1 20–29 Blade Mode 2 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 120–122 NoFeature 3 123–123 900HZ 124–124 1000HK 125–125 1100HK 126–126 1200HK 127–127 1300HK 128–128 1400HK 129–129 1500HK 130–130 2500HK 131–131 4000HK 132–132 5000HK 133–133 6000HK 134–134 10K HZ 135–135 15K HZ 136–136 20K HZ 137–137 25K HZ 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–199 NoFeature 5 200–209 All Reset 210–219 Dim Fast 220–229 Dim Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–255 NoFeature 6

Mode 3 32 DMX

32 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	Green Correction	0	0–7 Closed 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	

Mode 3 32 DMX (continued)

Ch	Function	Default	DMX values
10	C TO	0	
11	Color Wheel	64	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
12	Color Wheel 2	64	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Yellow (wheel slot 3) 36–48 Blue (wheel slot 4) 49–63 Open (wheel slot 5) 64–127 Color2 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–255 min CW
13	Iris	0	
14	Frost1	0	
15	Frost2	0	
16	Zoom	128	
17	Zoom Fine	128	Fine byte of Zoom
18	Focus	230	
19	Focus Fine	101	Fine byte of Focus
20	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Shaper Rot	127	
24	Blade1B	0	
25	Blade1A	0	
26	Blade3A	0	
27	Blade3B	0	
28	Blade2A	0	
29	Blade2B	0	
30	Blade4A	0	
31	Blade4B	0	

Mode 3 32 DMX (continued)

Ch	Function	Default	DMX values
32	Function	0	0–5 No Feature 1 6–7 Wireless On 8–9 Wireless Off 10–19 Blade Mode 1 20–29 Blade Mode 2 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 120–122 NoFeature 3 123–123 900HZ 124–124 1000HK 125–125 1100HK 126–126 1200HK 127–127 1300HK 128–128 1400HK 129–129 1500HK 130–130 2500HK 131–131 4000HK 132–132 5000HK 133–133 6000HK 134–134 10K HZ 135–135 15K HZ 136–136 20K HZ 137–137 25K HZ 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–199 NoFeature 5 200–209 All Reset 210–219 Dim Fast 220–229 Dim Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–255 NoFeature 6

Mode 2 34 DMX

34 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	Green Correction	0	0–7 Closed 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	

Mode 2 34 DMX (continued)

Ch	Function	Default	DMX values
11	Color Wheel	64	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
12	Color Wheel 2	64	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Yellow (wheel slot 3) 36–48 Blue (wheel slot 4) 49–63 Open (wheel slot 5) 64–127 Color2 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–255 min CW
13	Gobo	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 Shake (wheel slot 2) 74–83 Gobo 2 Shake (wheel slot 3) 84–93 Gobo 3 Shake (wheel slot 4) 94–103 Gobo 4 Shake (wheel slot 5) 104–113 Gobo 5 Shake (wheel slot 6) 114–127 Gobo 6 Shake (wheel slot 7) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
14	Gobo Rotation	0	0–126 Open 127–127 Gobo1Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 2 34 DMX (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo1Shake (wheel slot 2) 74–83 Gobo2 Shake (wheel slot 3) 84–93 Gobo3 Shake (wheel slot 4) 94–103 Gobo4 Shake (wheel slot 5) 104–113 Gobo5 Shake (wheel slot 6) 114–127 Gobo6 Shake (wheel slot 7) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
17	Gobo Rotation 2	0	0–126 Open 127–127 Gobo1Index 128–189 Gobo2Rot 1 190–193 Stop 194–255 Gobo2 Rot 2
18	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
19	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
20	Iris	0	
21	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
22	Prism Rotation	0	0–126 Open 127–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
23	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
24	Prism Rotation	0	0–126 Open 127–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 max CW 255–255 min CW
25	Frost1	0	
26	Frost2	0	
27	Zoom	128	
28	Zoom Fine	128	Fine byte of Zoom
29	Focus	230	
30	Focus Fine	101	Fine byte of Focus

Mode 2 34 DMX (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
32	Dimmer	0	
33	Dimmer Fine	0	Fine byte of Dimmer
34	Function	0	0–5 No Feature 1 6–7 Wireless On 8–9 Wireless Off 10–19 Blade Mode 1 20–29 Blade Mode 2 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 120–122 NoFeature 3 123–123 900HZ 124–124 1000HK 125–125 1100HK 126–126 1200HK 127–127 1300HK 128–128 1400HK 129–129 1500HK 130–130 2500HK 131–131 4000HK 132–132 5000HK 133–133 6000HK 134–134 10K HZ 135–135 15K HZ 136–136 20K HZ 137–137 25K HZ 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–199 NoFeature 5 200–209 All Reset 210–219 Dim Fast 220–229 Dim Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–255 NoFeature 6

Mode 1 43 DMX

43 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	Green Correction	0	0–7 Closed 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	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
12	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Yellow (wheel slot 3) 36–48 Blue (wheel slot 4) 49–63 Open (wheel slot 5) 64–127 Color2 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–255 min CW
13	Gobo	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 Shake (wheel slot 2) 74–83 Gobo 2 Shake (wheel slot 3) 84–93 Gobo 3 Shake (wheel slot 4) 94–103 Gobo 4 Shake (wheel slot 5) 104–113 Gobo 5 Shake (wheel slot 6) 114–127 Gobo 6 Shake (wheel slot 7) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
14	Gobo Rotation	0	0–126 Open 127–127 Gobo1Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 1 43 DMX (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Gobo 2	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo1Shake (wheel slot 2) 74–83 Gobo2 Shake (wheel slot 3) 84–93 Gobo3 Shake (wheel slot 4) 94–103 Gobo4 Shake (wheel slot 5) 104–113 Gobo5 Shake (wheel slot 6) 114–127 Gobo6 Shake (wheel slot 7) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
17	Gobo Rotation 2	0	0–126 Open 127–127 Gobo1Index 128–189 Gobo2Rot 1 190–193 Stop 194–255 Gobo2 Rot 2
18	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
19	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
20	Iris	0	
21	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
22	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
23	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
24	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 max CW 255–255 min CW
25	Frost1	0	
26	Frost2	0	
27	Zoom	128	
28	Zoom Fine	128	Fine byte of Zoom
29	Focus	230	

Mode 1 43 DMX (continued)

Ch	Function	Default	DMX values
30	Focus Fine	101	Fine byte of Focus
31	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
32	Dimmer	0	
33	Dimmer Fine	0	Fine byte of Dimmer
34	Shaper Rot	0	
35	Blade2B	0	
36	Blade2A	0	
37	Blade4A	0	
38	Blade4B	0	
39	Blade3A	0	
40	Blade3B	0	
41	Blade1A	0	
42	Blade1B	0	

Mode 1 43 DMX (continued)

Ch	Function	Default	DMX values
43	Function	0	0–5 No Feature 1 6–7 Wireless On 8–9 Wireless Off 10–19 Blade Mode 1 20–29 Blade Mode 2 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 120–122 NoFeature 3 123–123 900HZ 124–124 1000HK 125–125 1100HK 126–126 1200HK 127–127 1300HK 128–128 1400HK 129–129 1500HK 130–130 2500HK 131–131 4000HK 132–132 5000HK 133–133 6000HK 134–134 10K HZ 135–135 15K HZ 136–136 20K HZ 137–137 25K HZ 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–199 NoFeature 5 200–209 All Reset 210–219 Dim Fast 220–229 Dim Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–255 NoFeature 6