ACME

ACME SOLAR WIND (XA 500 BSW)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**24, 30 channels**
Beam angle	**3-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**258 × 447 × 252 mm**
GDTF fixture type	**BBC29B26-96B2-47D5-826D-81…**

Controls

Focus · Frost · 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 2 24 DMX	24 ch
Mode 1 30 DMX	30 ch

Mode 2 24 DMX

24 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	P TSpeed	0	
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	
8	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
9	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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
10	Gobo Rotation	0	0–0 Open 1–127 Empty Channel Set 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 2 24 DMX (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–7 Open (wheel slot 1) 8–11 Gobo 1 (wheel slot 2) 12–15 Gobo 2 (wheel slot 3) 16–19 Gobo 3 (wheel slot 4) 20–23 Gobo 4 (wheel slot 5) 24–27 Gobo 5 (wheel slot 6) 28–31 Gobo 6 (wheel slot 7) 32–35 Gobo 7 (wheel slot 8) 36–39 Gobo 8 (wheel slot 9) 40–43 Gobo 9 (wheel slot 10) 44–47 Gobo 10 (wheel slot 11) 48–51 Gobo 11 (wheel slot 12) 52–55 Gobo 12 (wheel slot 13) 56–63 Gobo 13 (wheel slot 14) 64–67 Gobo1Shake (wheel slot 2) 68–71 Gobo2 Shake (wheel slot 3) 72–75 Gobo3 Shake (wheel slot 4) 76–79 Gobo4 Shake (wheel slot 5) 80–83 Gobo5 Shake (wheel slot 6) 84–87 Gobo6 Shake (wheel slot 7) 88–91 Gobo7 Shake (wheel slot 8) 92–95 Gobo8 Shake (wheel slot 9) 96–99 Gobo9 Shake (wheel slot 10) 100–103 Gobo10 Shake 104–107 Gobo11 Shake 108–111 Gobo12 Shake 112–127 Gobo913 Shake 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
13	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
14	Prism Rotation	0	0–0 Open (wheel slot 1) 1–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
15	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
16	Prism Rotation	0	0–7 Open (wheel slot 1) 8–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
17	C RI	0	
18	Frost1	0	

Mode 2 24 DMX (continued)

Ch	Function	Default	DMX values
19	Frost2	0	
20	Zoom	128	
21	Focus	122	
22	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
23	Dimmer	0	
24	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 No Feature 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 123–123 900HZ 124–124 1000HZ 125–125 1100HZ 126–126 1200HZ 127–127 1300HZ 128–128 1400HZ 129–129 1500HZ 130–130 2500HZ 131–131 4000HZ 132–132 5000HZ 133–133 6000HZ 134–134 10K 135–135 15K 136–136 20K 137–137 25K 138–139 No Feature 140–149 PT Reset 150–159 Eff Reset 160–169 Focus Compensate Disable 170–179 Focus Compensate Near 180–189 Focus Compensate Medium 190–199 Focus Compensate Far 200–209 All Reset 210–219 Dimmer Fast 220–229 Dim Smooth 252–255 NoFeature 4

Mode 1 30 DMX

30 channels

Ch	Function	Default	DMX values
1	Pan	127	

Mode 1 30 DMX (continued)

Ch	Function	Default	DMX values
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	Gobo Rotation	0	0–0 Open 1–127 Empty Channel Set 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

Mode 1 30 DMX (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–7 Open (wheel slot 1) 8–11 Gobo 1 (wheel slot 2) 12–15 Gobo 2 (wheel slot 3) 16–19 Gobo 3 (wheel slot 4) 20–23 Gobo 4 (wheel slot 5) 24–27 Gobo 5 (wheel slot 6) 28–31 Gobo 6 (wheel slot 7) 32–35 Gobo 7 (wheel slot 8) 36–39 Gobo 8 (wheel slot 9) 40–43 Gobo 9 (wheel slot 10) 44–47 Gobo 10 (wheel slot 11) 48–51 Gobo 11 (wheel slot 12) 52–55 Gobo 12 (wheel slot 13) 56–63 Gobo 13 (wheel slot 14) 64–67 Gobo1Shake (wheel slot 2) 68–71 Gobo2 Shake (wheel slot 3) 72–75 Gobo3 Shake (wheel slot 4) 76–79 Gobo4 Shake (wheel slot 5) 80–83 Gobo5 Shake (wheel slot 6) 84–87 Gobo6 Shake (wheel slot 7) 88–91 Gobo7 Shake (wheel slot 8) 92–95 Gobo8 Shake (wheel slot 9) 96–99 Gobo9 Shake (wheel slot 10) 100–103 Gobo10 Shake (wheel slot 11) 104–107 Gobo11 Shake (wheel slot 12) 108–111 Gobo12 Shake (wheel slot 13) 112–127 Gobo913 Shake (wheel slot 14) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 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	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
17	Prism Rotation	0	0–0 Open (wheel slot 1) 1–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
18	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
19	Prism Rotation	0	0–7 Open (wheel slot 1) 8–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
20	C RI	0	
21	Frost1	0	

Mode 1 30 DMX (continued)

Ch	Function	Default	DMX values
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	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 No Feature 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 123–123 900HZ 124–124 1000HZ 125–125 1100HZ 126–126 1200HZ 127–127 1300HZ 128–128 1400HZ 129–129 1500HZ 130–130 2500HZ 131–131 4000HZ 132–132 5000HZ 133–133 6000HZ 134–134 10K 135–135 15K 136–136 20K 137–137 25K 138–139 No Feature 140–149 PT Reset 150–159 Eff Reset 160–169 Focus Compensate Disable 170–179 Focus Compensate Near 180–189 Focus Compensate Medium 190–199 Focus Compensate Far 200–209 All Reset 210–219 Dimmer Fast 220–229 Dim Smooth 252–255 NoFeature 4