ACME

ACME WILLOW (BSW 500)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**17, 18 channels**
Beam angle	**10-20°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**244 × 320 × 201 mm**
GDTF fixture type	**8E74F657-0797-4D50-BD56-E3…**

Controls

Focus · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

17 DMX	17 ch
18 DMX	18 ch

17 DMX

17 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	P TSpeed	0	
6	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Color 1 (wheel slot 2) 16–23 Color 2 (wheel slot 3) 24–31 Color 3 (wheel slot 4) 32–39 Color 4 (wheel slot 5) 40–47 Color 5 (wheel slot 6) 48–55 Color 6 (wheel slot 7) 56–63 Color 7 (wheel slot 8) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
7	Gobo	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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

17 DMX (continued)

Ch	Function	Default	DMX values
8	Gobo 2	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
9	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
10	Prism	0	0–7 Open (wheel slot 1) 11–255 Prism1 (wheel slot 2)
11	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	Zoom	0	0–7 Open 8–128 Angle 129–255 Frost1
13	Focus	160	
14	Shutter / Strobe	12	0–7 Closed 8–15 Open 1 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
15	Dimmer	0	
16	Dimmer Fine	0	Fine byte of Dimmer

17 DMX (continued)

Ch	Function	Default	DMX values
17	Function	0	0–9 No Feature 1 10–19 Focus Enable 20–29 Focus Disable 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–99 NoFeature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–139 NoFeature 3 140–149 PT Reset 1 150–159 Eff Reset 160–169 Focus Disable 170–179 Focus Near 180–189 Focus Medium 190–199 Focus Far 200–209 All Reset 210–219 Dimmer Fast 220–229 Dim Smooth 230–239 NoFeature 4 240–245 Cooling Slow 246–251 Cooling Fast 252–255 NoFeature 5

18 DMX

18 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	P TSpeed	0	
6	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Color 1 (wheel slot 2) 16–23 Color 2 (wheel slot 3) 24–31 Color 3 (wheel slot 4) 32–39 Color 4 (wheel slot 5) 40–47 Color 5 (wheel slot 6) 48–55 Color 6 (wheel slot 7) 56–63 Color 7 (wheel slot 8) 64–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

18 DMX (continued)

Ch	Function	Default	DMX values
7	Gobo	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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
8	Gobo 2	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
9	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
10	Prism	0	0–7 Open (wheel slot 1) 11–255 Prism1 (wheel slot 2)
11	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

18 DMX (continued)

Ch	Function	Default	DMX values
12	Zoom	0	0–7 Open 8–128 Angle 129–255 Frost1
13	Focus	161	
14	Focus Fine	71	Fine byte of Focus
15	Shutter / Strobe	12	0–7 Closed 8–15 Open 1 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
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Function	0	0–9 No Feature 1 10–19 Focus Enable 20–29 Focus Disable 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–99 NoFeature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–139 NoFeature 3 140–149 PT Reset 1 150–159 Eff Reset 160–169 Focus Disable 170–179 Focus Near 180–189 Focus Medium 190–199 Focus Far 200–209 All Reset 210–219 Dimmer Fast 220–229 Dim Smooth 230–239 NoFeature 4 240–245 Cooling Slow 246–251 Cooling Fast 252–255 NoFeature 5