ACME

ACME ARES (XP 500 BEAM)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**17, 21 channels**
Beam angle	**1.3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**255 × 429 × 254 mm**
GDTF fixture type	**7958DF7A-D2AF-44BE-92E1-FC…**

Controls

Focus · Frost · Prism · Prism rotation · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Animation wheel · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe · Built-in effect programmes

DMX modes

Mode 2 17 DMX	17 ch
Mode 1 21 DMX	21 ch

Mode 2 17 DMX

17 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	P TSpeed	0	
4	C TO	0	
5	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Color 1 (wheel slot 2) 8–11 Color 2 (wheel slot 3) 12–15 Color 3 (wheel slot 4) 16–19 Color 4 (wheel slot 5) 20–23 Color 5 (wheel slot 6) 24–27 Color 6 (wheel slot 7) 28–31 Color 7 (wheel slot 8) 32–35 Color 8 (wheel slot 9) 36–39 Color 9 (wheel slot 10) 40–43 Color 10 (wheel slot 11) 44–47 Color 11 (wheel slot 12) 48–51 Color 12 (wheel slot 13) 52–55 Color 13 (wheel slot 14) 56–59 Color 14 (wheel slot 15) 60–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
6	Gobo	0	0–7 Open 1 (wheel slot 1) 8–10 Open 2 (wheel slot 2) 11–13 Open 3 (wheel slot 3) 14–16 Open 4 (wheel slot 4) 17–19 Open 5 (wheel slot 5) 20–22 Gobo 1 (wheel slot 6) 23–25 Gobo 2 (wheel slot 7) 26–28 Gobo 3 (wheel slot 8) 29–31 Gobo 4 (wheel slot 9) 32–34 Gobo 5 (wheel slot 10) 35–37 Gobo 6 (wheel slot 11) 38–43 Gobo 7 (wheel slot 12) 44–49 Gobo 8 (wheel slot 13) 50–55 Gobo 9 (wheel slot 14) 56–59 Open 1 Shake (wheel slot 1) 60–63 Open 2 Shake (wheel slot 2) 64–67 Open 3 Shake (wheel slot 3) 68–71 Open 4 Shake (wheel slot 4) 72–75 Open 5 Shake (wheel slot 5) 76–79 Gobo 1 Shake (wheel slot 6) 80–83 Gobo 2 Shake (wheel slot 7) 84–87 Gobo 3 Shake (wheel slot 8) 88–91 Gobo 4 Shake (wheel slot 9) 92–95 Gobo 5 Shake (wheel slot 10) 96–103 Gobo 6 Shake (wheel slot 11) 104–111 Gobo 7 Shake (wheel slot 12) 112–119 Gobo 8 Shake (wheel slot 13) 120–127 Gobo 9 Shake (wheel slot 14) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW

Mode 2 17 DMX (continued)

Ch	Function	Default	DMX values
7	Animation Wheel1	0	0–7 OFF 8–38 Soft Filter 1 (wheel slot 2) 39–69 Soft Filter 2 70–100 FX Gobo 1 (wheel slot 3) 101–131 FX Gobo 1 Shake (wheel slot 3) 132–162 FX Gobo 2 (wheel slot 4) 163–193 FX Gobo 2 Shake (wheel slot 4) 194–224 FX Gobo 3 (wheel slot 5) 225–255 FX Gobo 3 Shake (wheel slot 5)
8	Prism	0	0–7 Open (wheel slot 1) 8–38 Prism 1 (wheel slot 2) 39–69 Prism 2 (wheel slot 3) 70–100 Prism 3 (wheel slot 4) 101–131 Prism 4 (wheel slot 5) 132–162 Prism 1+3 (wheel slot 6) 163–193 Prism 1+4 (wheel slot 7) 194–224 Prism 2+3 (wheel slot 8) 225–255 Prism 2+4 (wheel slot 9)
9	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
10	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
11	Effect Macro	0	
12	Effect Macro Speed	0	0–7 Stop 8–254 Min 255–255 Max
13	Shutter / Strobe	8	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–166 Min Pulse Open 167–167 Max Pulse Open 168–202 Min Pulse Close 203–203 Max Pulse Close 204–239 Shutter1StrobePulse 6 240–247 Strobe Ran 248–255 Open 5
14	Dimmer	0	
15	Focus	122	
16	Frost1	0	0–7 Close 8–255 Open

Mode 2 17 DMX (continued)

Ch	Function	Default	DMX values
17	Function	0	0–29 Null 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Enable 80–89 Disable 90–99 Enable 100–109 Disable 110–119 Enable 120–129 Disable 130–139 Lamp On 140–149 P/T Reset 150–159 Eff Reset 160–199 Null 200–209 All Reset 210–229 Null 230–239 Lamp off 240–255 Null

Mode 1 21 DMX

21 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	C TO	0	
7	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Color 1 (wheel slot 2) 8–11 Color 2 (wheel slot 3) 12–15 Color 3 (wheel slot 4) 16–19 Color 4 (wheel slot 5) 20–23 Color 5 (wheel slot 6) 24–27 Color 6 (wheel slot 7) 28–31 Color 7 (wheel slot 8) 32–35 Color 8 (wheel slot 9) 36–39 Color 9 (wheel slot 10) 40–43 Color 10 (wheel slot 11) 44–47 Color 11 (wheel slot 12) 48–51 Color 12 (wheel slot 13) 52–55 Color 13 (wheel slot 14) 56–59 Color 14 (wheel slot 15) 60–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW

Mode 1 21 DMX (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–7 Open 1 (wheel slot 1) 8–10 Open 2 (wheel slot 2) 11–13 Open 3 (wheel slot 3) 14–16 Open 4 (wheel slot 4) 17–19 Open 5 (wheel slot 5) 20–22 Gobo 1 (wheel slot 6) 23–25 Gobo 2 (wheel slot 7) 26–28 Gobo 3 (wheel slot 8) 29–31 Gobo 4 (wheel slot 9) 32–34 Gobo 5 (wheel slot 10) 35–37 Gobo 6 (wheel slot 11) 38–43 Gobo 7 (wheel slot 12) 44–49 Gobo 8 (wheel slot 13) 50–55 Gobo 9 (wheel slot 14) 56–59 Open 1 Shake (wheel slot 1) 60–63 Open 2 Shake (wheel slot 2) 64–67 Open 3 Shake (wheel slot 3) 68–71 Open 4 Shake (wheel slot 4) 72–75 Open 5 Shake (wheel slot 5) 76–79 Gobo 1 Shake (wheel slot 6) 80–83 Gobo 2 Shake (wheel slot 7) 84–87 Gobo 3 Shake (wheel slot 8) 88–91 Gobo 4 Shake (wheel slot 9) 92–95 Gobo 5 Shake (wheel slot 10) 96–103 Gobo 6 Shake (wheel slot 11) 104–111 Gobo 7 Shake (wheel slot 12) 112–119 Gobo 8 Shake (wheel slot 13) 120–127 Gobo 9 Shake (wheel slot 14) 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
9	Animation Wheel1	0	0–7 OFF 8–38 Soft Filter 1 (wheel slot 2) 39–69 Soft Filter 2 70–100 FX Gobo 1 (wheel slot 3) 101–131 FX Gobo 1 Shake (wheel slot 3) 132–162 FX Gobo 2 (wheel slot 4) 163–193 FX Gobo 2 Shake (wheel slot 4) 194–224 FX Gobo 3 (wheel slot 5) 225–255 FX Gobo 3 Shake (wheel slot 5)
10	Prism	0	0–7 Open (wheel slot 1) 8–38 Prism 1 (wheel slot 2) 39–69 Prism 2 (wheel slot 3) 70–100 Prism 3 (wheel slot 4) 101–131 Prism 4 (wheel slot 5) 132–162 Prism 1+3 (wheel slot 6) 163–193 Prism 1+4 (wheel slot 7) 194–224 Prism 2+3 (wheel slot 8) 225–255 Prism 2+4 (wheel slot 9)
11	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW

Mode 1 21 DMX (continued)

Ch	Function	Default	DMX values
12	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CW 189–189 min CW 190–193 Stop 194–254 min CCW 255–255 max CCW
13	Effect Macro	0	
14	Effect Macro Speed	0	0–7 Stop 8–254 Min 255–255 Max
15	Shutter / Strobe	8	0–7 Closed 8–15 Open 16–130 min Strobe 131–131 max Strobe 132–166 Min Pulse Open 167–167 Max Pulse Open 168–202 Min Pulse Close 203–203 Max Pulse Close 204–239 Shutter1StrobePulse 6 240–247 Strobe Ran 248–255 Open 5
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Focus	122	
19	Focus Fine	0	Fine byte of Focus
20	Frost1	0	0–7 Close 8–255 Open
21	Function	0	0–29 Null 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–79 Enable 80–89 Disable 90–99 Enable 100–109 Disable 110–119 Enable 120–129 Disable 130–139 Lamp On 140–149 P/T Reset 150–159 Eff Reset 160–199 Null 200–209 All Reset 210–229 Null 230–239 Lamp off 240–255 Null