ACME

ACME LEO (XP-550 BSW)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**18, 25, 26 channels**
Beam angle	**5-34°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**267 × 483 × 290 mm**
GDTF fixture type	**9562B070-0CB7-4577-B542-91…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

18 DMX	18 ch
25 DMX	25 ch
26 Chan	26 ch

18 DMX

18 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) 8–11 Color 1 (wheel slot 2) 12–15 Color 2 (wheel slot 3) 16–19 Color 3 (wheel slot 4) 20–23 Color 4 (wheel slot 5) 24–27 Color 5 (wheel slot 6) 28–31 Color 6 (wheel slot 7) 32–35 Color 7 (wheel slot 8) 36–39 Color 8 (wheel slot 9) 40–43 Color 9 (wheel slot 10) 44–47 Color 10 (wheel slot 11) 48–51 Color 11 (wheel slot 12) 52–55 Color 12 (wheel slot 13) 56–59 Color 13 (wheel slot 14) 60–63 Color 14 (wheel slot 15) 64–127 Color1Index 128–188 min CCW 189–189 max CCW 190–193 Stop 194–254 max CW 255–255 min CW
11	Shutter / Strobe	105	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–251 Strobe Rnd 252–255 Open 3
12	Dimmer	0	
13	Dimmer Fine	0	Fine byte of Dimmer
14	Frost1	0	
15	Zoom	128	0–254 Narrow 255–255 Wide
16	Focus	97	
17	Focus Fine	71	Fine byte of Focus

18 DMX (continued)

Ch	Function	Default	DMX values
18	Function	0	0–129 NoFeature 1 130–139 Lamp On 140–149 PT Reset 150–159 Effect Reset 160–169 Soft Disable 170–179 Soft Enable 180–199 NoFeature 2 200–209 All Reset 210–229 NoFeature 3 230–239 Lamp Off 240–255 NoFeature 4

25 DMX

25 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	C TO	0	
5	Color Wheel	0	0–7 Open (wheel slot 1) 8–11 Color 1 (wheel slot 2) 12–15 Color 2 (wheel slot 3) 16–19 Color 3 (wheel slot 4) 20–23 Color 4 (wheel slot 5) 24–27 Color 5 (wheel slot 6) 28–31 Color 6 (wheel slot 7) 32–35 Color 7 (wheel slot 8) 36–39 Color 8 (wheel slot 9) 40–43 Color 9 (wheel slot 10) 44–47 Color 10 (wheel slot 11) 48–51 Color 11 (wheel slot 12) 52–55 Color 12 (wheel slot 13) 56–59 Color 13 (wheel slot 14) 60–63 Color 14 (wheel slot 15) 64–127 Color1Index 128–188 min CCW 189–189 max CCW 190–193 Stop 194–254 max CW 255–255 min CW
6	Shutter / Strobe	105	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 108–206 min Pulse 207–207 max Pulse 208–212 Open 2 213–251 Strobe Rnd 252–255 Open 3
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer

25 DMX (continued)

Ch	Function	Default	DMX values
9	Gobo 2	0	0–3 Open (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–18 Gobo 4 (wheel slot 5) 19–22 Gobo 5 (wheel slot 17) 23–26 Gobo 6 (wheel slot 16) 27–30 Gobo 7 (wheel slot 15) 31–34 Gobo 8 (wheel slot 14) 35–37 Gobo 9 (wheel slot 13) 38–41 Gobo 10 (wheel slot 12) 42–45 Gobo 11 (wheel slot 11) 46–49 Gobo 12 (wheel slot 10) 50–53 Gobo 13 (wheel slot 9) 54–56 Gobo 14 (wheel slot 8) 57–60 Gobo 15 (wheel slot 7) 61–71 Gobo 16 (wheel slot 17) 72–112 min CCW 113–113 max CCW 114–117 Stop 118–158 max CW 159–159 min CW 160–165 Gobo1Shake (wheel slot 2) 166–170 Gobo2 Shake (wheel slot 3) 171–175 Gobo3 Shake (wheel slot 4) 176–181 Gobo4 Shake (wheel slot 5) 182–186 Gobo5 Shake (wheel slot 6) 187–191 Gobo6 Shake (wheel slot 7) 192–197 Gobo7 Shake (wheel slot 8) 198–202 Gobo8 Shake (wheel slot 9) 203–207 Gobo9 Shake (wheel slot 10) 208–214 Gobo10 Shake (wheel slot 11) 215–218 Gobo11 Shake (wheel slot 12) 219–223 Gobo12 Shake (wheel slot 13) 224–229 Gobo13 Shake (wheel slot 14) 230–234 Gobo14 Shake (wheel slot 15) 235–239 Gobo15 Shake (wheel slot 16) 240–245 Gobo16 Shake (wheel slot 17) 246–250 Gobo17 Shake (wheel slot 18) 251–255 Gobo18 Shake (wheel slot 19)
10	Animation Wheel1	0	0–7 OFF 8–128 min CCW 129–129 max CCW 130–133 Stop1 134–254 max CW 255–255 min CW

25 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) 64–92 min CCW 93–93 max CCW 94–98 SPOT 99–128 max CW 129–129 min CW 130–147 Gobo1 Shake (wheel slot 2) 148–165 Gobo2 Shake (wheel slot 3) 166–183 Gobo3 Shake (wheel slot 4) 184–201 Gobo4 Shake (wheel slot 5) 202–219 Gobo5 Shake (wheel slot 6) 220–237 Gobo6 Shake (wheel slot 7) 238–255 Gobo7 Shake (wheel slot 8)
12	Gobo Rotation	0	0–127 Gobo1Pos 128–189 min CCW 190–192 max CCW 193–254 max CW 255–255 min CW
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Prism	0	0–10 Open 11–132 Prism1 (wheel slot 2) 133–223 Prism2 (wheel slot 3) 224–239 Prism1+2 R1 240–255 Prism1+2 R2
15	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
16	Frost1	0	
17	Zoom	128	0–254 Narrow 255–255 Wide
18	Focus	97	
19	Focus Fine	71	Fine byte of Focus
20	Pan	127	
21	Pan Fine	255	Fine byte of Pan
22	Tilt	128	
23	Tilt Fine	0	Fine byte of Tilt
24	P TSpeed	0	

25 DMX (continued)

Ch	Function	Default	DMX values
25	Function	0	0–129 NoFeature 1 130–139 Lamp On 140–149 PT Reset 150–159 Effect Reset 160–169 Soft Disable 170–179 Soft Enable 180–199 NoFeature 2 200–209 All Reset 210–229 NoFeature 3 230–239 Lamp Off 240–255 NoFeature 4

26 Chan

26 channels

Ch	Function	Default	DMX values
1	Color Add C	0	
2	Color Add M	0	
3	Color RGBYellow	0	
4	C TO	0	
5	Color Wheel	0	0–7 Open (wheel slot 1) 8–11 Color 1 (wheel slot 2) 12–15 Color2 (wheel slot 3) 16–19 Color3 (wheel slot 4) 20–23 Color4 (wheel slot 5) 24–27 Color5 (wheel slot 6) 28–31 Color6 (wheel slot 7) 32–35 Color7 (wheel slot 8) 36–39 Color8 (wheel slot 9) 40–43 Color9 (wheel slot 10) 44–47 Color10 (wheel slot 11) 48–51 Color11 (wheel slot 12) 52–55 Color12 (wheel slot 13) 56–59 Color13 (wheel slot 14) 60–63 Color 14 (wheel slot 15) 64–127 Color Wheel Index 128–188 CW Maximum 189–189 CW Minimum 190–193 Stop 194–254 CCW Minimum 255–255 CCW Maximum
6	Shutter / Strobe	0	0–3 Closed 4–102 Strobe Minimum 103–103 Strobe Maximum 104–107 Open 108–206 Pulse Minimum 207–207 Pulse Maximum 208–212 Open 2 213–250 Random Minimum 251–251 Random Maximum 252–255 Open 3
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer

26 Chan (continued)

Ch	Function	Default	DMX values
9	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 17) 28–31 Gobo 6 (wheel slot 16) 32–35 Gobo 7 (wheel slot 15) 36–39 Gobo 8 (wheel slot 14) 40–43 Gobo 9 (wheel slot 13) 44–47 Gobo 10 (wheel slot 12) 48–51 Gobo 11 (wheel slot 11) 52–55 Gobo 12 (wheel slot 10) 56–59 Gobo 13 (wheel slot 9) 60–63 Gobo 14 (wheel slot 8) 64–67 Gobo 15 (wheel slot 7) 68–71 Gobo 16 (wheel slot 6) 72–112 CW Spin Maximum 113–113 CW Spin Minimum 114–117 Stop 118–158 CCW Minimum 159–159 CCW Maximum 160–165 Gobo 1 Shake (wheel slot 2) 166–171 Gobo 2 Shake (wheel slot 3) 172–177 Gobo 3 Shake (wheel slot 4) 178–183 Gobo 4 Shake (wheel slot 5) 184–189 Gobo 5 Shake (wheel slot 17) 190–195 Gobo 6 Shake (wheel slot 16) 196–201 Gobo 7 Shake (wheel slot 15) 202–207 Gobo 8 Shake (wheel slot 14) 208–213 Gobo 9 Shake (wheel slot 13) 214–219 Gobo 10 Shake (wheel slot 12) 220–225 Gobo 11 Shake (wheel slot 11) 226–231 Gobo 12 Shake (wheel slot 10) 232–237 Gobo 13 Shake (wheel slot 9) 238–243 Gobo 14 Shake (wheel slot 8) 244–249 Gobo 15 Shake (wheel slot 7) 250–255 Gobo 16 Shake (wheel slot 6)
10	Animation Wheel1	0	0–7 Null 8–128 CW Maximum 129–129 CW Minimum 130–133 Stop 134–254 CCW Minimum 255–255 CCW Maximum

26 Chan (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 3) 16–23 Gobo 2 (wheel slot 4) 24–31 Gobo 3 (wheel slot 2) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 7) 48–55 Gobo 6 (wheel slot 6) 56–63 Gobo 7 (wheel slot 8) 64–92 CW Maximum 93–93 CW Minimum 94–98 Stop 99–128 CCW Minimum 129–129 CCW Maximum 130–147 Gobo 1 (wheel slot 3) 148–165 Gobo 2 (wheel slot 4) 166–183 Gobo 3 (wheel slot 2) 184–201 Gobo 4 (wheel slot 5) 202–219 Gobo 5 (wheel slot 7) 220–237 Gobo 6 (wheel slot 6) 238–255 Gobo 7 (wheel slot 8)
12	Gobo Rotation	0	0–127 Gobo1Pos 1 128–189 CCW Maximum 190–192 CCW Minimum 193–254 CW Minimum 255–255 CW Maximum
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Prism	0	0–10 Closed 11–132 6 Facet Prism (Linear) 133–223 8 Facet Prism 224–255 Prism 1+2 Mixing Effect
15	Prism Rotation	0	0–0 Open 1–127 Prism Index 128–188 CCW Maximum 189–189 CCW Minimum 190–193 Stop 194–254 CW Minimum 255–255 CW Maximum
16	Frost1	0	
17	Zoom	0	0–126 Narrow 127–254 Medium 255–255 Wide
18	Focus	97	
19	Focus Fine	71	Fine byte of Focus
20	Pan	97	0–126 Minimum 127–254 Cener 255–255 Maximum
21	Pan Fine	71	Fine byte of Pan
22	Tilt	128	0–127 Minimum 128–254 Center 255–255 Maximum
23	Tilt Fine	0	Fine byte of Tilt
24	P TSpeed	0	
25	Soft Enable	0	0–7 Off 8–130 Soft Mimimum 131–254 Soft Medium 255–255 Soft Maximum

26 Chan (continued)

Ch	Function	Default	DMX values
26	Function	50	0–129 No Function 1 130–139 Lamp On 140–149 Reset XY 150–159 Reset Effect 160–169 No function 2 170–179 No function 3 180–199 No function 4 200–209 Reset All 210–229 No function 5 230–239 Lamp Off 240–255 No Function 6