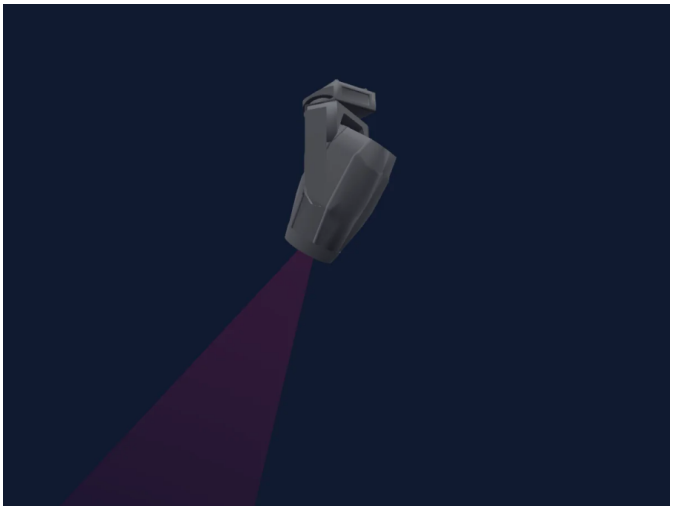
ACME

ACME AECO 5 (AECO 5)



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**24, 28, 33 channels**
Beam angle	**6.5-54°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**257 × 458 × 252 mm**
GDTF fixture type	**9A24E3D2-E18D-449E-9318-9D…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 2 24 DMX	24 ch
Mode 2 28 DMX	28 ch
Mode 1 33 DMX	33 ch

Mode 2 24 DMX

24 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	64	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–54 Color 5 (wheel slot 6) 55–63 Color 6 (wheel slot 7) 64–127 Color1 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
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) 128–157 >>> 158–188 >> 189–189 > 190–193 Spot 194–223 < 224–254 << 255–255 <<<
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–243 < 244–254 << 255–255 <<<

Mode 2 24 DMX (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo1Shake (wheel slot 2) 72–79 Gobo2 Shake (wheel slot 3) 80–87 Gobo3 Shake (wheel slot 4) 88–95 Gobo4 Shake (wheel slot 5) 96–103 Gobo5 Shake (wheel slot 6) 104–111 Gobo6 Shake (wheel slot 7) 112–119 Gobo7 Shake (wheel slot 8) 120–127 Gobo8 Shake (wheel slot 9) 128–157 >>> 158–188 >> 189–189 > 190–193 Spot 194–223 < 224–254 < 255–255 <<<
14	Iris	0	
15	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
16	Prism Rotation	0	0–0 Open 1–127 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
17	Frost1	0	
18	Frost2	0	
19	Zoom	128	
20	Focus	122	
21	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
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 24 DMX (continued)

Ch	Function	Default	DMX values
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 90–179 NoFeature2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 2 28 DMX

28 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	64	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–54 Color 5 (wheel slot 6) 55–63 Color 6 (wheel slot 7) 64–127 Color1 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
11	Iris	0	
12	Frost1	0	
13	Frost2	0	
14	Zoom	128	
15	Focus	122	

Mode 2 28 DMX (continued)

Ch	Function	Default	DMX values
16	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
17	Dimmer	0	
18	Dimmer Fine	0	Fine byte of Dimmer
19	Shaper Rot	128	
20	Blade1A	0	
21	Blade1B	0	
22	Blade3A	0	
23	Blade3B	0	
24	Blade2A	0	
25	Blade2B	0	
26	Blade4A	0	
27	Blade4B	0	
28	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 90–179 NoFeature2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3

Mode 1 33 DMX

33 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	

Mode 1 33 DMX (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–9 Open (wheel slot 1) 10–18 Color 1 (wheel slot 2) 19–27 Color 2 (wheel slot 3) 28–36 Color 3 (wheel slot 4) 37–45 Color 4 (wheel slot 5) 46–54 Color 5 (wheel slot 6) 55–63 Color 6 (wheel slot 7) 64–127 Color1 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
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) 128–157 >>> 158–188 >> 189–189 > 190–193 Spot 194–223 < 224–254 << 255–255 <<<
12	Gobo Rotation	0	0–0 Open 1–127 Gobo1Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–243 < 244–254 << 255–255 <<<

Mode 1 33 DMX (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–71 Gobo1Shake (wheel slot 2) 72–79 Gobo2 Shake (wheel slot 3) 80–87 Gobo3 Shake (wheel slot 4) 88–95 Gobo4 Shake (wheel slot 5) 96–103 Gobo5 Shake (wheel slot 6) 104–111 Gobo6 Shake (wheel slot 7) 112–119 Gobo7 Shake (wheel slot 8) 120–127 Gobo8 Shake (wheel slot 9) 128–157 >>> 158–188 >> 189–189 > 190–193 Spot 194–223 < 224–254 << 255–255 <<<
14	Iris	0	
15	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
16	Prism Rotation	0	0–0 Open 1–127 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
17	Frost1	0	
18	Frost2	0	
19	Zoom	128	
20	Focus	122	
21	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
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Shaper Rot	128	
25	Blade1A	0	
26	Blade1B	0	

Mode 1 33 DMX (continued)

Ch	Function	Default	DMX values
27	Blade3A	0	
28	Blade3B	0	
29	Blade2A	0	
30	Blade2B	0	
31	Blade4A	0	
32	Blade4B	0	
33	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 90–179 NoFeature2 180–189 Dimmer Fast 190–199 Dim Smooth 200–209 All Reset 210–219 Eff Reset 220–229 PT Reset 230–255 NoFeature 3