ACME

ACME AECO 15



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**22, 29, 31, 38 channels**
Beam angle	**5-52°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**306 × 555 × 280 mm**
GDTF fixture type	**3D8B5A00-C2E6-46D0-973A-4E...**

Controls

Focus · Frost · Iris · 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 4 22 DMX	22 ch
Mode 2 29 DMX	29 ch
Mode 3 31 DMX	31 ch
Mode 1 38 DMX	38 ch

Mode 4 22 DMX

22 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	Hue	0	
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Red (wheel slot 2) 17–25 Green (wheel slot 3) 26–34 Pink (wheel slot 4) 35–43 Orange (wheel slot 5) 44–54 Blue (wheel slot 6) 55–63 CTO (wheel slot 7) 64–67 Open 68–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	Iris	0	
13	Frost1	0	
14	Frost2	0	
15	Zoom	128	
16	Zoom Fine	128	Fine byte of Zoom
17	Focus	230	
18	Focus Fine	101	Fine byte of Focus
19	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer

Mode 4 22 DMX (continued)

Ch	Function	Default	DMX values
22	Function	0	0–9 No Feature 1 10–19 Blade Mode 1 20–29 Blade Mode 2 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 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 2 123–123 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 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 NoFeature 3 140–149 PT Reset 150–159 Eff Reset 160–199 No Feature 3 200–209 All Reset 210–228 Dimmer Fast 229–229 Dim Smooth 230–231 ShortCut Open 232–233 ShortCut Close 234–235 ShortCut Open 236–237 ShortCut Close 238–239 No Feature 4 240–245 CCI On 246–251 CCI Off 252–255 NoFeature 5

Mode 2 29 DMX

29 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	Hue	0	
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	

Mode 2 29 DMX (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Red (wheel slot 2) 17–25 Green (wheel slot 3) 26–34 Pink (wheel slot 4) 35–43 Orange (wheel slot 5) 44–54 Blue (wheel slot 6) 55–63 CTO (wheel slot 7) 64–67 Open 68–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	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 (wheel slot 2) 73–81 Gobo 2 (wheel slot 3) 82–90 Gobo 3 (wheel slot 4) 91–99 Gobo 4 (wheel slot 5) 100–108 Gobo 5 (wheel slot 6) 109–117 Gobo 6 (wheel slot 7) 118–127 Gobo 7 (wheel slot 8) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
13	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
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 2 29 DMX (continued)

Ch	Function	Default	DMX values
15	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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
16	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 < 255–255 <<<
17	Iris	0	
18	Prism Rotation	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
19	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
20	Frost1	0	
21	Frost2	0	
22	Zoom	128	
23	Zoom Fine	128	Fine byte of Zoom
24	Focus	230	
25	Focus Fine	101	Fine byte of Focus

Mode 2 29 DMX (continued)

Ch	Function	Default	DMX values
26	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
27	Dimmer	0	
28	Dimmer Fine	0	Fine byte of Dimmer
29	Function	0	0–9 No Feature 1 10–19 Blade Mode 1 20–29 Blade Mode 2 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 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 2 123–123 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 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 NoFeature 3 140–149 PT Reset 150–159 Eff Reset 160–199 No Feature 3 200–209 All Reset 210–228 Dimmer Fast 229–229 Dim Smooth 230–231 ShortCut Open 232–233 ShortCut Close 234–235 ShortCut Open 236–237 ShortCut Close 238–239 No Feature 4 240–245 CCI On 246–251 CCI Off 252–255 NoFeature 5

Mode 3 31 DMX

31 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	Hue	0	
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Red (wheel slot 2) 17–25 Green (wheel slot 3) 26–34 Pink (wheel slot 4) 35–43 Orange (wheel slot 5) 44–54 Blue (wheel slot 6) 55–63 CTO (wheel slot 7) 64–67 Open 68–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	Iris	0	
13	Frost1	0	
14	Frost2	0	
15	Zoom	128	
16	Zoom Fine	128	Fine byte of Zoom
17	Focus	230	
18	Focus Fine	101	Fine byte of Focus
19	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer
22	Shaper Rot	128	
23	Blade1B	0	
24	Blade1A	0	
25	Blade3A	0	
26	Blade3B	0	

Mode 3 31 DMX (continued)

Ch	Function	Default	DMX values
27	Blade2A	0	
28	Blade2B	0	
29	Blade4A	0	
30	Blade4B	0	
31	Function	0	0–9 No Feature 1 10–19 Blade Mode 1 20–29 Blade Mode 2 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 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 2 123–123 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 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 NoFeature 3 140–149 PT Reset 150–159 Eff Reset 160–199 No Feature 3 200–209 All Reset 210–228 Dimmer Fast 229–229 Dim Smooth 230–231 ShortCut Open 232–233 ShortCut Close 234–235 ShortCut Open 236–237 ShortCut Close 238–239 No Feature 4 240–245 CCI On 246–251 CCI Off 252–255 NoFeature 5

Mode 1 38 DMX

38 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	Hue	0	

Mode 1 38 DMX (continued)

Ch	Function	Default	DMX values
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Red (wheel slot 2) 17–25 Green (wheel slot 3) 26–34 Pink (wheel slot 4) 35–43 Orange (wheel slot 5) 44–54 Blue (wheel slot 6) 55–63 CTO (wheel slot 7) 64–67 Open 68–127 Color1 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
12	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 (wheel slot 2) 73–81 Gobo 2 (wheel slot 3) 82–90 Gobo 3 (wheel slot 4) 91–99 Gobo 4 (wheel slot 5) 100–108 Gobo 5 (wheel slot 6) 109–117 Gobo 6 (wheel slot 7) 118–127 Gobo 7 (wheel slot 8) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
13	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
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 1 38 DMX (continued)

Ch	Function	Default	DMX values
15	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) 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
16	Animation Wheel1	0	0–7 OFF 8–68 >>> 69–128 >> 129–129 > 130–133 Stop 134–194 < 195–254 << 255–255 <<<
17	Iris	0	
18	Prism Rotation	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
19	Prism Rotation	0	0–0 Open 1–127 Index 128–188 max CCW 189–189 min CCW 190–193 Stop 194–254 min CW 255–255 max CW
20	Frost1	0	
21	Frost2	0	
22	Zoom	128	
23	Zoom Fine	128	Fine byte of Zoom
24	Focus	230	
25	Focus Fine	101	Fine byte of Focus

Mode 1 38 DMX (continued)

Ch	Function	Default	DMX values
26	Shutter / Strobe	12	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 4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
27	Dimmer	0	
28	Dimmer Fine	0	Fine byte of Dimmer
29	Shaper Rot	128	
30	Blade1B	0	
31	Blade1A	0	
32	Blade3A	0	
33	Blade3B	0	
34	Blade2A	0	
35	Blade2B	0	
36	Blade4A	0	
37	Blade4B	0	

Mode 1 38 DMX (continued)

Ch	Function	Default	DMX values
38	Function	0	0–9 No Feature 1 10–19 Blade Mode 1 20–29 Blade Mode 2 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 Compatible 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 2 123–123 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 10KHZ 135–135 15KHZ 136–136 20KHZ 137–137 25KHZ 138–139 NoFeature 3 140–149 PT Reset 150–159 Eff Reset 160–199 No Feature 3 200–209 All Reset 210–228 Dimmer Fast 229–229 Dim Smooth 230–231 ShortCut Open 232–233 ShortCut Close 234–235 ShortCut Open 236–237 ShortCut Close 238–239 No Feature 4 240–245 CCI On 246–251 CCI Off 252–255 NoFeature 5