ACME

ACME AECO 30 IP (AECO 30 IP)



Manufacturer	**ACME**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**23, 32, 34, 43 channels**
Beam angle	**4-48°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**332 × 599 × 299 mm**
GDTF fixture type	**E4EE3498-7F5A-4195-A24C-88…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 4 23CH	23 ch
Mode 3 32CH	32 ch
Mode 2 34CH	34 ch
Mode 1 43CH	43 ch

Mode 4 23CH

23 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	Position MSpeed	0	
6	G REENCORRECTION	0	0–7 Close 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–68 Open2 (wheel slot 1) 69–127 Index 128–157 << 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
12	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Color 1 (wheel slot 3) 36–48 Color 2 (wheel slot 4) 49–63 Color 3 (wheel slot 5) 64–69 open 2 (wheel slot 1) 70–127 Index 128–157 << 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
13	Iris	0	
14	Frost1	0	
15	Frost2	0	
16	Zoom	128	
17	Zoom Fine	128	Fine byte of Zoom
18	Focus	240	
19	Focus Fine	162	Fine byte of Focus

Mode 4 23CH (continued)

Ch	Function	Default	DMX values
20	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
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Linear 60–69 Dim Curve S 70–79 Cooling Standard 80–89 Cooling Quiet 90–99 Cooling Theatre 100–109 Frequency Setting 110–119 Frequency Disable 120–122 No Feature 1 123–123 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 160–169 Dim Curve Mode 1 170–179 Dim Curve Mode 2 180–199 No Feature 3 200–209 All Reset 210–228 Dim Fast 229–229 Dim Smooth 230–233 No Feature 4 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Feature 5

Mode 3 32CH

32 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	Position MSpeed	0	
6	G REENCORRECTION	0	0–7 Close 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–68 Open2 (wheel slot 1) 69–127 Index 128–157 << 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
12	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Color 1 (wheel slot 3) 36–48 Color 2 (wheel slot 4) 49–63 Color 3 (wheel slot 5) 64–69 open 2 (wheel slot 1) 70–127 Index 128–157 << 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
13	Iris	0	
14	Frost1	0	
15	Frost2	0	
16	Zoom	128	
17	Zoom Fine	128	Fine byte of Zoom
18	Focus	240	
19	Focus Fine	162	Fine byte of Focus

Mode 3 32CH (continued)

Ch	Function	Default	DMX values
20	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
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Shaper Rot	128	
24	Blade1B	0	
25	Blade1A	0	
26	Blade3A	0	
27	Blade3B	0	
28	Blade2A	0	
29	Blade2B	0	
30	Blade4A	0	
31	Blade4B	0	

Mode 3 32CH (continued)

Ch	Function	Default	DMX values
32	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 Linear 60–69 Dim Curve S 70–79 Cooling Standard 80–89 Cooling Quiet 90–99 Cooling Theatre 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 160–169 Dim Curve Mode 1 170–179 Dim Curve Mode 2 180–199 No Feature 3 200–209 All Reset 210–228 Dim Fast 229–229 Dim Smooth 230–233 No Feature 4 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Feature 5

Mode 2 34CH

34 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	Position MSpeed	0	
6	G REENCORRECTION	0	0–7 Close 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	

Mode 2 34CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–68 Open2 (wheel slot 1) 69–127 Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
12	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Color 1 (wheel slot 3) 36–48 Color 2 (wheel slot 4) 49–63 Color 3 (wheel slot 5) 64–69 open 2 (wheel slot 1) 70–127 Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
13	Gobo	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 (wheel slot 2) 74–83 Gobo 2 (wheel slot 3) 84–93 Gobo 3 (wheel slot 4) 94–103 Gobo 4 (wheel slot 5) 104–113 Gobo 5 (wheel slot 6) 114–127 Gobo 6 (wheel slot 7) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
14	Gobo Rotation	0	0–127 Gobo1 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 2 34CH (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 (wheel slot 2) 74–83 Gobo 2 (wheel slot 3) 84–93 Gobo 3 (wheel slot 4) 94–103 Gobo 4 (wheel slot 5) 104–113 Gobo 5 (wheel slot 6) 114–127 Gobo 6 (wheel slot 7) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
17	Gobo Rotation	0	0–127 Gobo 2 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Animation Wheel1	0	0–7 Open 8–68 <<< 69–128 << 129–129 < 130–133 Stop 134–194 > 195–254 >>> 255–255 >>>>
20	Iris	0	
21	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
22	Prism Rotation	0	0–127 Index 128–158 >>>> 159–188 >>> 189–189 > 190–193 Stop 194–224 < 225–254 <<< 255–255 <<<<
23	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
24	Prism Rotation	0	0–127 Index 128–158 >>>> 159–188 >>> 189–189 > 190–193 Stop 194–224 < 225–254 <<< 255–255 <<<<
25	Frost1	0	

Mode 2 34CH (continued)

Ch	Function	Default	DMX values
26	Frost2	0	
27	Zoom	128	
28	Zoom Fine	128	Fine byte of Zoom
29	Focus	240	
30	Focus Fine	162	Fine byte of Focus
31	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
32	Dimmer	0	
33	Dimmer Fine	0	Fine byte of Dimmer

Mode 2 34CH (continued)

Ch	Function	Default	DMX values
34	Function	0	0–29 No Feature 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Linear 60–69 Dim Curve S 70–79 Cooling Standard 80–89 Cooling Quiet 90–99 Cooling Theatre 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 160–169 Dim Curve Mode 1 170–179 Dim Curve Mode 2 180–199 No Feature 3 200–209 All Reset 210–228 Dim Fast 229–229 Dim Smooth 230–231 Gobo Short Cut: Enable 232–233 Gobo Short Cut: Disable 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Feature 4

Mode 1 43CH

43 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	Position MSpeed	0	
6	G REENCORRECTION	0	0–7 Close 8–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	C TO	0	

Mode 1 43CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–18 Color 1 (wheel slot 2) 19–29 Color 2 (wheel slot 3) 30–40 Color 3 (wheel slot 4) 41–51 Color 4 (wheel slot 5) 52–63 Color 5 (wheel slot 6) 64–68 Open2 (wheel slot 1) 69–127 Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
12	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–21 CTB (wheel slot 2) 22–35 Color 1 (wheel slot 3) 36–48 Color 2 (wheel slot 4) 49–63 Color 3 (wheel slot 5) 64–69 open 2 (wheel slot 1) 70–127 Index 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
13	Gobo	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 (wheel slot 2) 74–83 Gobo 2 (wheel slot 3) 84–93 Gobo 3 (wheel slot 4) 94–103 Gobo 4 (wheel slot 5) 104–113 Gobo 5 (wheel slot 6) 114–127 Gobo 6 (wheel slot 7) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
14	Gobo Rotation	0	0–127 Gobo1 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Mode 1 43CH (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–7 Open (wheel slot 1) 8–16 Gobo 1 (wheel slot 2) 17–25 Gobo 2 (wheel slot 3) 26–34 Gobo 3 (wheel slot 4) 35–43 Gobo 4 (wheel slot 5) 44–52 Gobo 5 (wheel slot 6) 53–63 Gobo 6 (wheel slot 7) 64–73 Gobo 1 (wheel slot 2) 74–83 Gobo 2 (wheel slot 3) 84–93 Gobo 3 (wheel slot 4) 94–103 Gobo 4 (wheel slot 5) 104–113 Gobo 5 (wheel slot 6) 114–127 Gobo 6 (wheel slot 7) 128–157 <<< 158–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
17	Gobo Rotation	0	0–127 Gobo 2 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >>> 255–255 >>>>
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Animation Wheel1	0	0–7 Open 8–68 <<< 69–128 << 129–129 < 130–133 Stop 134–194 > 195–254 >>> 255–255 >>>>
20	Iris	0	
21	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism1 (wheel slot 2)
22	Prism Rotation	0	0–127 Index 128–158 >>>> 159–188 >>> 189–189 > 190–193 Stop 194–224 < 225–254 <<< 255–255 <<<<
23	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
24	Prism Rotation	0	0–127 Index 128–158 >>>> 159–188 >>> 189–189 > 190–193 Stop 194–224 < 225–254 <<< 255–255 <<<<
25	Frost1	0	

Mode 1 43CH (continued)

Ch	Function	Default	DMX values
26	Frost2	0	
27	Zoom	128	
28	Zoom Fine	128	Fine byte of Zoom
29	Focus	240	
30	Focus Fine	162	Fine byte of Focus
31	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
32	Dimmer	0	
33	Dimmer Fine	0	Fine byte of Dimmer
34	Shaper Rot	128	
35	Blade1B	0	
36	Blade1A	0	
37	Blade3A	0	
38	Blade3B	0	
39	Blade2A	0	
40	Blade2B	0	
41	Blade4A	0	
42	Blade4B	0	

Mode 1 43CH (continued)

Ch	Function	Default	DMX values
43	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 Linear 60–69 Dim Curve S 70–79 Cooling Standard 80–89 Cooling Quiet 90–99 Cooling Theatre 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 160–169 Dim Curve Mode 1 170–179 Dim Curve Mode 2 180–199 No Feature 3 200–209 All Reset 210–228 Dim Speed Fast 229–229 Dim Speed Smooth 230–231 Gobo Short Cut: Enable 232–233 Gobo Short Cut: Disable 234–235 Color Short Cut: Enable 236–237 Color Short Cut: Disable 238–239 CTB Comp Enable 240–241 CTB Comp Disable 242–255 No Feature 4