ACME

ACME THETA(CM 1000 ZF)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**19, 27, 139 channels**
Beam angle	**4-51°**
Pan range	**540°**
Tilt range	**240°**
Heads / cells	**31**
Size (W × H × D)	**367 × 302 × 367 mm**
GDTF fixture type	**41A2EC56-669C-40F0-BF2D-0E...**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour temperature · Colour wheel · Dimmer · Pixel control · Pan and tilt · Gobos

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Mode 3 19DMX+	19 ch
Mode 1 27 DMX	27 ch
Mode 2 139 DMX	139 ch

Mode 3 19DMX+

19 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	Dimmer	255	
7	Shutter1Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 189–189 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
8	Shutter2Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 189–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5

Mode 3 19DMX+ (continued)

Ch	Function	Default	DMX values
9	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 70–99 No Feature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–122 NoFeature 3 123–123 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 10K 135–135 15K 136–136 20K 137–137 25K 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–169 Color Calibration on 170–179 Color Calibration off 180–189 Calibration CRI 190–199 Calibration Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–239 NoFeature 5 240–245 Cooling Silent 246–251 Cooling Auto 252–255 NoFeature4
10	Dimmer	0	

Mode 3 19DMX+ (continued)

Ch	Function	Default	DMX values
11	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) 32–39 Color 7 (wheel slot 8) 40–43 Color 8 (wheel slot 9) 44–47 Color9 (wheel slot 10) 48–51 Color10 (wheel slot 11) 52–55 Color 11 (wheel slot 12) 56–59 Color 12 (wheel slot 13) 60–63 Color 13 (wheel slot 14) 64–127 Index 1 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 < 255–255 <<<
12	Gobo	0	0–7 Open (wheel slot 1) 8–13 Gobo 2 (wheel slot 3) 14–19 Gobo 1 (wheel slot 2) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo 2 (wheel slot 3) 71–77 Gobo 1 (wheel slot 2) 78–84 Gobo 3 (wheel slot 4) 85–91 Gobo 4 (wheel slot 5) 92–98 Gobo 5 (wheel slot 6) 99–105 Gobo 6 (wheel slot 7) 106–112 Gobo 7 (wheel slot 8) 113–119 Gobo 8 (wheel slot 9) 120–127 Gobo 9 (wheel slot 10) 128–157 >>> 158–188 >> 189–189 > 190–193 Stop1 194–223 < 224–254 < 255–255 <<<
13	Prism	0	0–7 Open (wheel slot 1) 8–90 Prism1 (wheel slot 2) 91–173 Prism2 (wheel slot 3) 174–255 Prism1+2 (wheel slot 3)
14	Prism Rotation	1	0–127 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 < 255–255 <<<

Mode 3 19DMX+ (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	1	0–127 Index1 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
16	Frost1	0	
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	

Mode 1 27 DMX

27 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	Dimmer	255	
7	Shutter1Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 189–189 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
8	Shutter2Strobe	12	0–7 Closed 8–15 Open 16–130 mim Strobe 131–131 max Strobe 132–139 Open 2 140–180 min Pulse Open 181–181 max Pulse Open 189–189 Open 3 190–230 min Pulse Close 231–231 max Pulse Close 232–239 Open4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5

Mode 1 27 DMX (continued)

Ch	Function	Default	DMX values
9	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 70–99 No Feature 2 100–109 Frequency Setting 110–119 Frequency Disable 120–122 NoFeature 3 123–123 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 10K 135–135 15K 136–136 20K 137–137 25K 138–139 NoFeature 4 140–149 PT Reset 150–159 Eff Reset 160–169 Color Calibration on 170–179 Color Calibration off 180–189 Calibration CRI 190–199 Calibration Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–231 Gobo Enable 232–233 Gobo Disable 234–235 Color Enable 236–237 Color Disable 238–239 NoFeature 5 240–245 Cooling Silent 246–251 Cooling Auto 252–255 NoFeature4
10	Dimmer	0	

Mode 1 27 DMX (continued)

Ch	Function	Default	DMX values
11	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) 32–39 Color 7 (wheel slot 8) 40–43 Color 8 (wheel slot 9) 44–47 Color9 (wheel slot 10) 48–51 Color10 (wheel slot 11) 52–55 Color 11 (wheel slot 12) 56–59 Color 12 (wheel slot 13) 60–63 Color 13 (wheel slot 14) 64–127 Index 1 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 < 255–255 <<<
12	Gobo	0	0–7 Open (wheel slot 1) 8–13 Gobo 2 (wheel slot 3) 14–19 Gobo 1 (wheel slot 2) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo 2 (wheel slot 3) 71–77 Gobo 1 (wheel slot 2) 78–84 Gobo 3 (wheel slot 4) 85–91 Gobo 4 (wheel slot 5) 92–98 Gobo 5 (wheel slot 6) 99–105 Gobo 6 (wheel slot 7) 106–112 Gobo 7 (wheel slot 8) 113–119 Gobo 8 (wheel slot 9) 120–127 Gobo 9 (wheel slot 10) 128–157 >>> 158–188 >> 189–189 > 190–193 Stop1 194–223 < 224–254 < 255–255 <<<
13	Prism	0	0–7 Open (wheel slot 1) 8–90 Prism1 (wheel slot 2) 91–173 Prism2 (wheel slot 3) 174–255 Prism1+2 (wheel slot 3)
14	Prism Rotation	1	0–127 Index 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 < 255–255 <<<

Mode 1 27 DMX (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	1	0–127 Index1 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 << 255–255 <<<
16	Frost1	0	
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	
20	Red	255	
21	Green	255	
22	Blue	255	
23	White	0	
24	C TO	0	
25	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–15 Color 1 (wheel slot 2) 16–23 Color 2 (wheel slot 3) 24–31 Color 3 (wheel slot 4) 32–39 Color 4 (wheel slot 5) 40–47 Color 5 (wheel slot 6) 48–55 Color 6 (wheel slot 7) 56–63 Color 7 (wheel slot 8) 64–71 Color 8 (wheel slot 9) 72–79 Color 9 (wheel slot 10) 80–87 Color 10 (wheel slot 11) 88–95 Color 11 (wheel slot 12) 96–103 Color 12 (wheel slot 13) 104–111 Color 13 (wheel slot 14) 112–119 Color 14 (wheel slot 15) 120–127 Color 15 (wheel slot 16) 128–135 Color 16 (wheel slot 17) 136–143 Color 17 (wheel slot 18) 144–151 Color 18 (wheel slot 19) 152–159 Color 19 (wheel slot 20) 160–167 Color 20 (wheel slot 21) 168–175 Color 21 (wheel slot 22) 176–183 Color 22 (wheel slot 23) 184–191 Color 23 (wheel slot 24) 192–199 Color 24 (wheel slot 25) 200–207 Color 25 (wheel slot 26) 208–215 Color 26 (wheel slot 27) 216–223 Color 27 (wheel slot 28) 224–231 Color 28 (wheel slot 29) 232–239 Color 29 (wheel slot 30) 240–247 Color 30 (wheel slot 31) 248–255 Color 31 (wheel slot 32)

Mode 1 27 DMX (continued)

Ch	Function	Default	DMX values
26	Color Macro1	0	0–7 Null 8–15 Ring 1 16–23 Ring 2 24–31 Marcro 1 32–39 Marcro 2 40–47 Marcro 3 48–55 Marcro 4 56–63 Marcro 5 64–71 Marcro 6 72–79 Marcro 7 80–87 Marcro 8 88–95 Marcro 9 96–103 Marcro 10 104–111 Marcro 11 112–119 Marcro 12 120–127 Marcro 13 128–135 Marcro 14 136–143 Marcro 15 144–151 Marcro 16 152–159 Marcro 17 160–167 Marcro 18 168–175 Marcro 19 176–183 Marcro 20 184–191 Marcro 21 192–199 Marcro 22 200–207 Marcro 23 208–215 Marcro 24 216–223 Marcro 25 224–229 Marcro 26 230–237 Rainbow 1 238–245 Rainbow 2 246–255 Rainbow 3
27	Color Macro1Rate	127	0–62 > 63–126 >> 127–127 >>> 128–157 Fade > 158–254 Fade >> 255–255 Fade >>>

Mode 2 139 DMX

139 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	Dimmer	255	
7	Shutter1Strobe	12	
8	Shutter2Strobe	12	
9	Function	0	
10	Dimmer	0	

Mode 2 139 DMX (continued)

Ch	Function	Default	DMX values
11	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) 32–39 Color 7 (wheel slot 8) 40–43 Color 8 (wheel slot 9) 44–47 Color9 (wheel slot 10) 48–51 Color10 (wheel slot 11) 52–55 Color 11 (wheel slot 12) 56–59 Color 12 (wheel slot 13) 60–63 Color 13 (wheel slot 14) 64–127 Index 1 128–157 >>> 158–188 >> 189–189 > 190–193 Stop 194–223 < 224–254 < 255–255 <<<
12	Gobo	0	0–7 Open (wheel slot 1) 8–13 Gobo 2 (wheel slot 3) 14–19 Gobo 1 (wheel slot 2) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–70 Gobo 2 (wheel slot 3) 71–77 Gobo 1 (wheel slot 2) 78–84 Gobo 3 (wheel slot 4) 85–91 Gobo 4 (wheel slot 5) 92–98 Gobo 5 (wheel slot 6) 99–105 Gobo 6 (wheel slot 7) 106–112 Gobo 7 (wheel slot 8) 113–119 Gobo 8 (wheel slot 9) 120–127 Gobo 9 (wheel slot 10) 128–157 >>> 158–188 >> 189–189 > 190–193 Stop1 194–223 < 224–254 < 255–255 <<<
13	Prism	0	0–7 Open (wheel slot 1) 8–90 Prism1 (wheel slot 2) 91–173 Prism2 (wheel slot 3) 174–255 Prism1+2 (wheel slot 3)
14	Prism Rotation	1	
15	Prism Rotation	1	
16	Frost1	0	
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	
20	Red	255	

Mode 2 139 DMX (continued)

Ch	Function	Default	DMX values
21	Green	255	
22	Blue	255	
23	White	0	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	0	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	0	
36	Red	255	
37	Green	255	
38	Blue	255	
39	White	0	
40	Red	255	
41	Green	255	
42	Blue	255	
43	White	0	
44	Red	255	
45	Green	255	
46	Blue	255	
47	White	0	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	0	
52	Red	255	
53	Green	255	
54	Blue	255	
55	White	0	
56	Red	255	
57	Green	255	
58	Blue	255	
59	White	0	
60	Red	255	
61	Green	255	
62	Blue	255	
63	White	0	
64	Red	255	
65	Green	255	

Mode 2 139 DMX (continued)

Ch	Function	Default	DMX values
66	Blue	255	
67	White	0	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	0	
72	Red	255	
73	Green	255	
74	Blue	255	
75	White	0	
76	Red	255	
77	Green	255	
78	Blue	255	
79	White	0	
80	Red	255	
81	Green	255	
82	Blue	255	
83	White	0	
84	Red	255	
85	Green	255	
86	Blue	255	
87	White	0	
88	Red	255	
89	Green	255	
90	Blue	255	
91	White	0	
92	Red	255	
93	Green	255	
94	Blue	255	
95	White	0	
96	Red	255	
97	Green	255	
98	Blue	255	
99	White	0	
100	Red	255	
101	Green	255	
102	Blue	255	
103	White	0	
104	Red	255	
105	Green	255	
106	Blue	255	
107	White	0	
108	Red	255	
109	Green	255	
110	Blue	255	

Mode 2 139 DMX (continued)

Ch	Function	Default	DMX values
111	White	0	
112	Red	255	
113	Green	255	
114	Blue	255	
115	White	0	
116	Red	255	
117	Green	255	
118	Blue	255	
119	White	0	
120	Red	255	
121	Green	255	
122	Blue	255	
123	White	0	
124	Red	255	
125	Green	255	
126	Blue	255	
127	White	0	
128	Red	255	
129	Green	255	
130	Blue	255	
131	White	0	
132	Red	255	
133	Green	255	
134	Blue	255	
135	White	0	
136	Red	255	
137	Green	255	
138	Blue	255	
139	White	0	