ACME

ACME THETA FX(CM 1000 Z)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**20, 28 channels**
Beam angle	**4-51°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**2**
Size (W × H × D)	**367 × 302 × 367 mm**
GDTF fixture type	**B5732D8F-2F78-4AD3-A974-75…**

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 2 140 DMX	20 ch
Mode 3 20+ DMX	20 ch
Mode 1 28 DMX	28 ch

Mode 2 140 DMX

20 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 min 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 2 140 DMX (continued)

Ch	Function	Default	DMX values
9	Function	0	0–29 NoFunction 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–99 NoFunction 2 100–109 Frequency Setting 110–119 Frequency Disable 120–122 NoFunction 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 NoFunction 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 NoFunction 5 240–245 Cooling Silent 246–251 Cooling Auto 252–255 NoFeature4
10	Dimmer	0	

Mode 2 140 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 4)
14	Prism Rotation	1	0–127 Index (wheel slot 2) 128–157 <<< (wheel slot 2) 158–188 << (wheel slot 2) 189–189 < (wheel slot 2) 190–193 Stop (wheel slot 2) 194–223 > (wheel slot 2) 224–254 >> (wheel slot 2) 255–255 >>> (wheel slot 2)

Mode 2 140 DMX (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	1	0–127 Index1 (wheel slot 3) 128–157 <<< (wheel slot 3) 158–188 << (wheel slot 3) 189–189 < (wheel slot 3) 190–193 Stop 194–223 > (wheel slot 3) 224–254 >> (wheel slot 3) 255–255 >>> (wheel slot 3)
16	Frost1	0	0–7 Off 8–255 On
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	
20	Effects1Pos Rotate	0	0–127 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>

Mode 3 20+ DMX

20 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	0	
7	Shutter1Strobe	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 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

Mode 3 20+ DMX (continued)

Ch	Function	Default	DMX values
8	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 Open4 240–246 min Strobe Ran 247–247 max Strobe Ran 248–255 Open 5
9	Function	0	0–29 NoFunction 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–99 NoFunction 2 100–109 Frequency Setting 110–119 Frequency Disable 120–122 NoFunction 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 NoFunction 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 NoFunction 5 240–245 Cooling Silent 246–251 Cooling Auto 252–255 NoFeature4
10	Dimmer	0	

Mode 3 20+ 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 4)
14	Prism Rotation	1	0–127 Index 128–157 << 158–188 < 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>

Mode 3 20+ 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	0–7 Off 8–255 On
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	
20	Effects1Pos Rotate	0	0–127 Index 128–158 << 159–188 < 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>

Mode 1 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	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

Mode 1 28 DMX (continued)

Ch	Function	Default	DMX values
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
9	Function	0	0–29 NoFunction 1 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–99 NoFunction 2 100–109 Frequency Setting 110–119 Frequency Disable 120–122 NoFunction 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 NoFunction 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 NoFunction 5 240–245 Cooling Silent 246–251 Cooling Auto 252–255 NoFeature4
10	Dimmer	0	

Mode 1 28 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 4)
14	Prism Rotation	1	0–127 Index (wheel slot 2) 128–157 <<< (wheel slot 2) 158–188 << (wheel slot 2) 189–189 < (wheel slot 2) 190–193 Stop (wheel slot 2) 194–223 > (wheel slot 2) 224–254 >> (wheel slot 2) 255–255 >>> (wheel slot 2)

Mode 1 28 DMX (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	1	0–127 Index1 (wheel slot 3) 128–157 <<< (wheel slot 3) 158–188 << (wheel slot 3) 189–189 < (wheel slot 3) 190–193 Stop 194–223 > (wheel slot 3) 224–254 >> (wheel slot 3) 255–255 >>> (wheel slot 3)
16	Frost1	0	0–7 Off 8–255 On
17	Focus	53	
18	Focus Fine	194	Fine byte of Focus
19	Zoom	128	
20	Effects1Pos Rotate	0	0–127 Index 128–158 <<< 159–188 << 189–189 < 190–193 Stop 194–223 > 224–254 >> 255–255 >>>
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	C TO	0	
26	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 28 DMX (continued)

Ch	Function	Default	DMX values
27	Color Macro1	0	0–7 NoFunction 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
28	Color Macro1Rate	127	0–62 > 63–126 >> 127–127 >>> 128–157 Fade > 158–254 Fade >> 255–255 Fade >>>