ACME

ACME HYPERZONE (CM 7 IP)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**19, 20, 41, 42 channels**
Beam angle	**2.5-39°**
Pan range	**540°**
Tilt range	**215°**
Size (W × H × D)	**316 × 298 × 302 mm**
GDTF fixture type	**E831A3E1-933D-4ED7-8857-FC…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

Mode 1 19 CH	19 ch
Mode 3 20CH	20 ch
Mode 2 41CH	41 ch
Mode 4 42CH	42 ch

Mode 1 19 CH

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	128	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter1Strobe	8	0–7 Close 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 4 240–247 Strobe Random 248–255 Open 5

Mode 1 19 CH (continued)

Ch	Function	Default	DMX values
11	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–79 Quiet 80–89 Auto 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 Null 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 Null 140–149 PT Reset 150–159 Zoom Reset 160–169 On 170–179 Off 180–189 High CRI 190–199 High Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–230 High 231–231 Low 232–233 On 234–235 Off 236–255 Null
12	Red	255	
13	Green	255	
14	Blue	255	
15	Color Add GY	0	
16	C TO	0	

Mode 1 19 CH (continued)

Ch	Function	Default	DMX values
17	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 790 Moroccan Pink (wheel slot 2) 17–23 157 Pink (wheel slot 3) 24–30 332 Special Rose Pink (wheel slot 4) 31–37 328 Follies Pink (wheel slot 5) 38–44 345 Fuchsia Pink (wheel slot 6) 45–51 194 Surprise Pink (wheel slot 7) 52–58 181 Congo Blue (wheel slot 8) 59–65 071 Tokyo Blue (wheel slot 9) 66–72 120 Deep Blue (wheel slot 10) 73–79 079 Just Blue (wheel slot 11) 80–86 132 Medium Blue (wheel slot 12) 87–93 200 Double CT Blue (wheel slot 13) 94–100 161 State Blue (wheel slot 14) 101–107 201 Full CT Blue (wheel slot 15) 108–114 202 Half CT Blue (wheel slot 16) 115–121 117 Steel Blue (wheel slot 17) 122–128 353 Lighter Blue (wheel slot 18) 129–135 118 Light Blue (wheel slot 19) 136–142 116 Medium Blue Green (wheel slot 20) 143–149 124 Dark Green (wheel slot 21) 150–156 139 Primary Green (wheel slot 22) 157–163 089 Moss Green (wheel slot 23) 164–170 122 Fern Green (wheel slot 24) 171–177 738 JAS Green (wheel slot 25) 178–184 088 JAS Green (wheel slot 26) 185–191 100 Spring Yellow (wheel slot 27) 192–198 104 Deep Amber (wheel slot 28) 199–205 179 Chrome Orange (wheel slot 29) 206–212 105 Orange (wheel slot 30) 213–219 021 Gold Amber (wheel slot 31) 220–226 778 Gold Amber (wheel slot 32) 227–233 135 Deep Gold Amber (wheel slot 33) 234–255 164 Flame Red (wheel slot 34)
18	M ACROEFFECT	0	0–7 Null 8–24 Effect 1 25–41 Effect 2 42–58 Effect 3 59–75 Effect 4 76–92 Effect 5 93–109 Effect 6 110–126 Effect 7 127–143 Effect 8 144–160 Effect 9 161–177 Effect 10 178–194 Effect 11 195–211 Effect 12 212–228 Effect 13 229–245 Effect 14 246–255 Effect 15
19	M ACROEFFECTSPEED	0	0–0 Stop 1–127 Slow to Fast without Fade 128–128 Stop 129–255 Slow to Fast with Fade

Mode 3 20CH

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan

Mode 3 20CH (continued)

Ch	Function	Default	DMX values
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	128	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter1Strobe	8	0–7 Close 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 4 240–247 Strobe Random 248–255 Open 5

Mode 3 20CH (continued)

Ch	Function	Default	DMX values
11	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–79 Quiet 80–89 Auto 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 Null 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 Null 140–149 PT Reset 150–159 Zoom Reset 160–169 On 170–179 Off 180–189 High CRI 190–199 High Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–230 High 231–231 Low 232–233 On 234–235 Off 236–255 Null
12	Red	255	
13	Green	255	
14	Blue	255	
15	Color Add GY	0	
16	C TO	0	

Mode 3 20CH (continued)

Ch	Function	Default	DMX values
17	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 790 Moroccan Pink (wheel slot 2) 17–23 157 Pink (wheel slot 3) 24–30 332 Special Rose Pink (wheel slot 4) 31–37 328 Follies Pink (wheel slot 5) 38–44 345 Fuchsia Pink (wheel slot 6) 45–51 194 Surprise Pink (wheel slot 7) 52–58 181 Congo Blue (wheel slot 8) 59–65 071 Tokyo Blue (wheel slot 9) 66–72 120 Deep Blue (wheel slot 10) 73–79 079 Just Blue (wheel slot 11) 80–86 132 Medium Blue (wheel slot 12) 87–93 200 Double CT Blue (wheel slot 13) 94–100 161 State Blue (wheel slot 14) 101–107 201 Full CT Blue (wheel slot 15) 108–114 202 Half CT Blue (wheel slot 16) 115–121 117 Steel Blue (wheel slot 17) 122–128 353 Lighter Blue (wheel slot 18) 129–135 118 Light Blue (wheel slot 19) 136–142 116 Medium Blue Green (wheel slot 20) 143–149 124 Dark Green (wheel slot 21) 150–156 139 Primary Green (wheel slot 22) 157–163 089 Moss Green (wheel slot 23) 164–170 122 Fern Green (wheel slot 24) 171–177 738 JAS Green (wheel slot 25) 178–184 088 JAS Green (wheel slot 26) 185–191 100 Spring Yellow (wheel slot 27) 192–198 104 Deep Amber (wheel slot 28) 199–205 179 Chrome Orange (wheel slot 29) 206–212 105 Orange (wheel slot 30) 213–219 021 Gold Amber (wheel slot 31) 220–226 778 Gold Amber (wheel slot 32) 227–233 135 Deep Gold Amber (wheel slot 33) 234–255 164 Flame Red (wheel slot 34)
18	Cross Fade	0	
19	M ACROEFFECT	0	0–7 Null 8–24 Effect 1 25–41 Effect 2 42–58 Effect 3 59–75 Effect 4 76–92 Effect 5 93–109 Effect 6 110–126 Effect 7 127–143 Effect 8 144–160 Effect 9 161–177 Effect 10 178–194 Effect 11 195–211 Effect 12 212–228 Effect 13 229–245 Effect 14 246–255 Effect 15
20	M ACROEFFECTSPEED	0	0–0 Stop 1–127 Slow to Fast without Fade 128–128 Stop 129–255 Slow to Fast with Fade

Mode 2 41CH

41 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	128	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter1Strobe	8	0–7 Close 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 4 240–247 Strobe Random 248–255 Open 5

Mode 2 41CH (continued)

Ch	Function	Default	DMX values
11	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–79 Quiet 80–89 Auto 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 Null 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 Null 140–149 PT Reset 150–159 Zoom Reset 160–169 On 170–179 Off 180–189 High CRI 190–199 High Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–230 High 231–231 Low 232–233 On 234–235 Off 236–255 Null
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	

Mode 2 41CH (continued)

Ch	Function	Default	DMX values
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	C TO	0	
41	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 790 Moroccan Pink (wheel slot 2) 17–23 157 Pink (wheel slot 3) 24–30 332 Special Rose Pink (wheel slot 4) 31–37 328 Follies Pink (wheel slot 5) 38–44 345 Fuchsia Pink (wheel slot 6) 45–51 194 Surprise Pink (wheel slot 7) 52–58 181 Congo Blue (wheel slot 8) 59–65 071 Tokyo Blue (wheel slot 9) 66–72 120 Deep Blue (wheel slot 10) 73–79 079 Just Blue (wheel slot 11) 80–86 132 Medium Blue (wheel slot 12) 87–93 200 Double CT Blue (wheel slot 13) 94–100 161 State Blue (wheel slot 14) 101–107 201 Full CT Blue (wheel slot 15) 108–114 202 Half CT Blue (wheel slot 16) 115–121 117 Half CT Blue (wheel slot 17) 122–128 353 Lighter Blue (wheel slot 18) 129–135 118 Light Blue (wheel slot 19) 136–142 116 Medium Blue Green (wheel slot 20) 143–149 124 Dark Green (wheel slot 21) 150–156 139 Primary Green (wheel slot 22) 157–163 089 Moss Green (wheel slot 23) 164–170 122 Fern Green (wheel slot 24) 171–177 738 JAS Green (wheel slot 25) 178–184 088 JAS Green (wheel slot 26) 185–191 100 Spring Yellow (wheel slot 27) 192–198 104 Deep Amber (wheel slot 28) 199–205 179 Chrome Orange (wheel slot 29) 206–212 105 Orange (wheel slot 30) 213–219 021 Gold Amber (wheel slot 31) 220–226 778 Millennium Gold (wheel slot 32) 227–233 135 Deep Gold Amber (wheel slot 33) 234–255 164 Flame Red (wheel slot 34)

Mode 4 42CH

42 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt

Mode 4 42CH (continued)

Ch	Function	Default	DMX values
5	Position MSpeed	0	
6	Zoom	128	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter1Strobe	8	0–7 Close 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 4 240–247 Strobe Random 248–255 Open 5
11	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–79 Quiet 80–89 Auto 90–99 Theatre 100–109 Enable 110–119 Disable 120–122 Null 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 Null 140–149 PT Reset 150–159 Zoom Reset 160–169 On 170–179 Off 180–189 High CRI 190–199 High Output 200–209 All Reset 210–219 Fast 220–229 Smooth 230–230 High 231–231 Low 232–233 On 234–235 Off 236–255 Null
12	Reserved 12	0	

Mode 4 42CH (continued)

Ch	Function	Default	DMX values
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	C TO	0	

Mode 4 42CH (continued)

Ch	Function	Default	DMX values
41	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 790 Moroccan Pink (wheel slot 2) 17–23 157 Pink (wheel slot 3) 24–30 332 Special Rose Pink (wheel slot 4) 31–37 328 Follies Pink (wheel slot 5) 38–44 345 Fuchsia Pink (wheel slot 6) 45–51 194 Surprise Pink (wheel slot 7) 52–58 181 Congo Blue (wheel slot 8) 59–65 071 Tokyo Blue (wheel slot 9) 66–72 120 Deep Blue (wheel slot 10) 73–79 079 Just Blue (wheel slot 11) 80–86 132 Medium Blue (wheel slot 12) 87–93 200 Double CT Blue (wheel slot 13) 94–100 161 State Blue (wheel slot 14) 101–107 201 Full CT Blue (wheel slot 15) 108–114 202 Half CT Blue (wheel slot 16) 115–121 117 Half CT Blue (wheel slot 17) 122–128 353 Lighter Blue (wheel slot 18) 129–135 118 Light Blue (wheel slot 19) 136–142 116 Medium Blue Green (wheel slot 20) 143–149 124 Dark Green (wheel slot 21) 150–156 139 Primary Green (wheel slot 22) 157–163 089 Moss Green (wheel slot 23) 164–170 122 Fern Green (wheel slot 24) 171–177 738 JAS Green (wheel slot 25) 178–184 088 JAS Green (wheel slot 26) 185–191 100 Spring Yellow (wheel slot 27) 192–198 104 Deep Amber (wheel slot 28) 199–205 179 Chrome Orange (wheel slot 29) 206–212 105 Orange (wheel slot 30) 213–219 021 Gold Amber (wheel slot 31) 220–226 778 Millennium Gold (wheel slot 32) 227–233 135 Deep Gold Amber (wheel slot 33) 234–255 164 Flame Red (wheel slot 34)
42	Cross Fade	0	