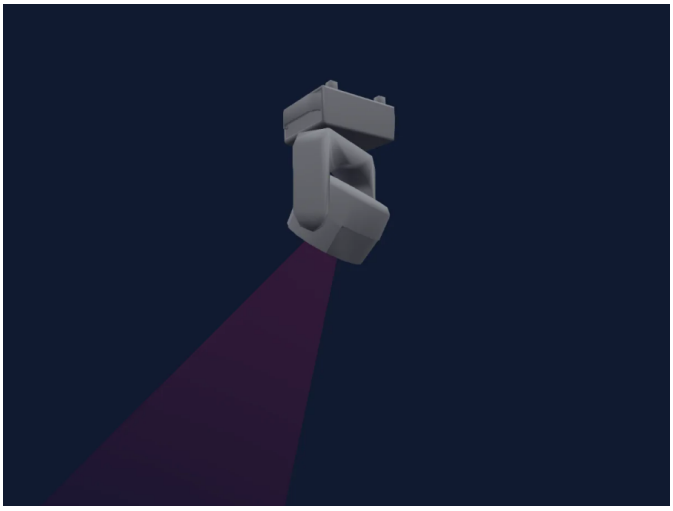
ACME

ACME OXOZONE (CM-800Z IP)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 21, 86 channels**
Beam angle	**10-60°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**3**
Size (W × H × D)	**290 × 192 × 290 mm**
GDTF fixture type	**DBEF7EC1-681F-47C0-A357-98...**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

Mode 1 17DMX	17 ch
Mode 2 21DMX	21 ch
Mode 3 86DMX	86 ch

Mode 1 17DMX

17 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	Zoom	128	
6	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 Null2 80–89 Dimmer Smooth 90–99 Dimmer Fast 100–139 Null3 140–149 PT Reset 150–159 Zoom Reset 160–199 Null 4 200–209 All Reset 210–219 Null 5 220–229 AUTO 230–239 SILENT 240–255 Null6
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	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 4 240–247 Strobe Random 248–255 Open 5
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TO	0	

Mode 1 17DMX (continued)

Ch	Function	Default	DMX values
15	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) 32–35 Color 7 (wheel slot 8) 36–39 Color 8 (wheel slot 9) 40–43 Color 9 (wheel slot 10) 44–47 Color 10 (wheel slot 11) 48–51 Color 11 (wheel slot 12) 52–55 Color 12 (wheel slot 13) 56–59 Color 13 (wheel slot 14) 60–63 Color 14 (wheel slot 15) 64–67 Color 15 (wheel slot 16) 68–71 Color 16 (wheel slot 17) 72–75 Color 17 (wheel slot 18) 76–79 Color 18 (wheel slot 19) 80–83 Color 19 (wheel slot 20) 84–87 Color 20 (wheel slot 21) 88–91 Color 21 (wheel slot 22) 92–95 Color 22 (wheel slot 23) 96–99 Color 23 (wheel slot 24) 100–103 Color 24 (wheel slot 25) 104–107 Color 25 (wheel slot 26) 108–111 Color 26 (wheel slot 27) 112–115 Color 27 (wheel slot 28) 116–119 Color 28 (wheel slot 29) 120–123 Color 29 (wheel slot 30) 124–127 Color 30 (wheel slot 31) 128–131 Color 31 (wheel slot 32) 132–135 Color 32 (wheel slot 33) 136–136 max CCW 137–165 CCW 166–194 CW 195–195 max CW 196–205 R-G 206–215 R-B 216–225 R-W 226–235 G-B 236–245 G-W 246–255 B-W

Mode 1 17DMX (continued)

Ch	Function	Default	DMX values
16	Gobo	0	0–1 Open 2–2 Gobo 1 3–3 Gobo 2 4–4 Gobo 3 5–5 Gobo 4 6–6 Gobo 5 7–7 Gobo 6 8–8 Gobo 7 9–9 Gobo 8 10–10 Gobo 9 11–11 Gobo 10 12–12 Gobo 11 13–13 Gobo 12 14–14 Gobo 13 15–15 Gobo 14 16–16 Gobo 15 17–17 Gobo 16 18–18 Gobo 17 19–19 Gobo 18 20–20 Gobo 19 21–21 Gobo 20 22–22 Gobo 21 23–23 Gobo 22 24–24 Gobo 23 25–25 Gobo 24 26–26 Gobo 25 27–27 Gobo 26 28–28 Gobo 27 29–29 Gobo 28 30–30 Gobo 29 31–31 Gobo 30 32–32 Gobo 31 33–33 Gobo 32 34–34 Gobo 33 35–35 Gobo 34 36–36 Gobo 35 37–37 Gobo 36 38–38 Gobo 37 39–39 Gobo 38 40–40 Gobo 39 41–41 Gobo 40 42–42 Gobo 41 43–43 Gobo 42 44–44 Gobo 43 45–45 Gobo 44 46–46 Gobo 45 47–47 Gobo 46 48–48 Gobo 47 49–49 Gobo 48 50–50 Gobo 49 51–51 Gobo 50 52–52 Gobo 51 53–53 Gobo 52 54–54 Gobo 53 55–55 Gobo 54 56–56 Gobo 55 57–57 Gobo 56 58–58 Gobo 57 59–59 Gobo 58 60–60 Gobo 59 61–61 Gobo 60 62–62 Gobo 61 63–63 Gobo 62 64–64 Gobo 63

Mode 1 17DMX (continued)

Ch	Function	Default	DMX values
17	Gobo Rotation	0	0–31 Stop 32–32 max CCW 33–91 CCW 92–101 Stop Rotate 102–159 CW 160–160 max CW 161–255 Stop Rotate 1

Mode 2 21DMX

21 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	Zoom	128	
6	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 Null2 80–89 Dimmer Smooth 90–99 Dimmer Fast 100–139 Null3 140–149 PT Reset 150–159 Zoom Reset 160–199 Null 4 200–209 All Reset 210–219 Null 5 220–229 AUTO 230–239 SILENT 240–255 Null6
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	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 4 240–247 Strobe Random 248–255 Open 5
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	Red	255	
15	Green	255	
16	Blue	255	

Mode 2 21DMX (continued)

Ch	Function	Default	DMX values
17	White	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	0	

Mode 3 86DMX

86 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	Shutter1Strobe	12	
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Reserved 10	0	
11	Reserved 11	0	
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	
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	

Mode 3 86DMX (continued)

Ch	Function	Default	DMX values
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	

Mode 3 86DMX (continued)

Ch	Function	Default	DMX values
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Function	0	