ACME

ACME NEOZONE (CM 800Z)



Manufacturer	**ACME**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**10, 17, 21, 76, 86 channels**
Beam angle	**10-60°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**19**
Size (W × H × D)	**297 × 208 × 297 mm**
GDTF fixture type	**C45BB274-322C-4949-90E6-1E…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Mode 4 10+DMX	10 ch
Mode 1 17DMX	17 ch
Mode 2 21DMX	21 ch
Mode 5 10Art-Net	76 ch
Mode 3 86DMX	86 ch

Mode 4 10+DMX

10 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	Zoom	128	
7	Shutter / Strobe	12	0–7 OFF 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
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Function	0	0–79 No Feature 1 80–89 Dimmer Smooth 90–99 Dimmer Fast 100–139 NoFeature2 140–149 PT Reset 150–159 Zoom Reset 160–199 NoFeature 3 200–209 All Reset 210–255 NoFeature 4

Mode 1 17DMX

17 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	Zoom	128	
6	Function	0	0–79 No Feature 1 80–89 Dimmer Smooth 90–99 Dimmer Fast 100–139 NoFeature2 140–149 PT Reset 150–159 Zoom Reset 160–199 NoFeature 3 200–209 All Reset 210–255 NoFeature 4
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 17DMX (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	12	0–7 OFF 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	
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 32–90 max CW 91–91 min CW 92–101 Stop 102–160 min CCW 161–161 max CCW 162–255 Stop 1

Mode 2 21DMX

21 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	Zoom	128	
6	Function	0	0–79 No Feature 1 80–89 Dimmer Smooth 90–99 Dimmer Fast 100–139 NoFeature2 140–149 PT Reset 150–159 Zoom Reset 160–199 NoFeature 3 200–209 All Reset 210–255 NoFeature 4
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	12	0–7 OFF 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	
17	White	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	0	

Mode 5 10Art-Net

76 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	0	
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Red	255	
26	Green	255	
27	Blue	255	
28	White	0	
29	Red	255	
30	Green	255	
31	Blue	255	
32	White	0	
33	Red	255	
34	Green	255	
35	Blue	255	
36	White	0	
37	Red	255	
38	Green	255	
39	Blue	255	
40	White	0	
41	Red	255	
42	Green	255	
43	Blue	255	
44	White	0	
45	Red	255	

Mode 5 10Art-Net (continued)

Ch	Function	Default	DMX values
46	Green	255	
47	Blue	255	
48	White	0	
49	Red	255	
50	Green	255	
51	Blue	255	
52	White	0	
53	Red	255	
54	Green	255	
55	Blue	255	
56	White	0	
57	Red	255	
58	Green	255	
59	Blue	255	
60	White	0	
61	Red	255	
62	Green	255	
63	Blue	255	
64	White	0	
65	Red	255	
66	Green	255	
67	Blue	255	
68	White	0	
69	Red	255	
70	Green	255	
71	Blue	255	
72	White	0	
73	Red	255	
74	Green	255	
75	Blue	255	
76	White	0	

Mode 3 86DMX

86 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	Position MSpeed	0	
6	Zoom	128	

Mode 3 86DMX (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	12	0–7 OFF 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
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	Red	255	
15	Green	255	
16	Blue	255	
17	White	0	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	0	
26	Red	255	
27	Green	255	
28	Blue	255	
29	White	0	
30	Red	255	
31	Green	255	
32	Blue	255	
33	White	0	
34	Red	255	
35	Green	255	
36	Blue	255	
37	White	0	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	0	
42	Red	255	
43	Green	255	

Mode 3 86DMX (continued)

Ch	Function	Default	DMX values
44	Blue	255	
45	White	0	
46	Red	255	
47	Green	255	
48	Blue	255	
49	White	0	
50	Red	255	
51	Green	255	
52	Blue	255	
53	White	0	
54	Red	255	
55	Green	255	
56	Blue	255	
57	White	0	
58	Red	255	
59	Green	255	
60	Blue	255	
61	White	0	
62	Red	255	
63	Green	255	
64	Blue	255	
65	White	0	
66	Red	255	
67	Green	255	
68	Blue	255	
69	White	0	
70	Red	255	
71	Green	255	
72	Blue	255	
73	White	0	
74	Red	255	
75	Green	255	
76	Blue	255	
77	White	0	
78	Red	255	
79	Green	255	
80	Blue	255	
81	White	0	
82	Red	255	
83	Green	255	
84	Blue	255	
85	White	0	
86	Function	0	