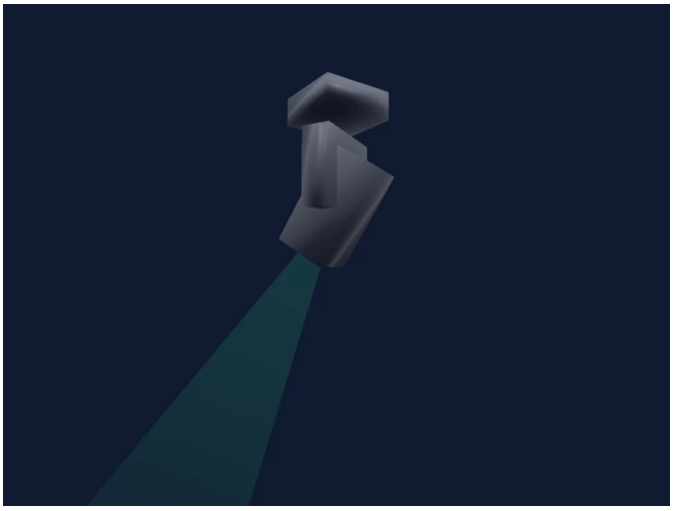
OGSON fixtures

Chauvet Maverick MK Pyxis



Manufacturer	**OGSON fixtures**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**26, 66, 113, 131 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**220°**
Heads / cells	**5**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**E8734611-6CB4-4234-B222-FF9…**

Controls

Zoom · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Basic Mode 26-channel	26 ch
Standard Mode 66-channel	66 ch
Advanced Mode 113-channel	113 ch
Tour Mode 131-channel	131 ch

Basic Mode 26-channel

26 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	Pan Rotate	0	0–0 No function 1–127 CC Rotate 128–128 No function 1 129–255 CCW Rotate
6	Tilt Rotate	0	0–0 No function 1–127 CC Rotation 128–128 No function 1 129–255 CCW Rotate
7	Position MSpeed	0	0–254 Fast 255–255 Slow
8	C TC	0	0–254 No function 255–255 CTC
9	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
10	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
11	Gobo	0	0–0 No function 1–255 Gobo1 2
12	Color Macro1	0	0–15 No function 16–254 LED macros 255–255 Auto programs
13	Color Macro1Rate	0	0–127 <<< 128–254 >< 255–255 >>>
14	Macro Delay	0	
15	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
16	Dimmer	0	0–254 Closed 255–255 Open
17	Dimmer	0	0–254 Closed 255–255 Open

Basic Mode 26-channel (continued)

Ch	Function	Default	DMX values
18	Dimmer	0	0–254 Closed 255–255 Open
19	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
20	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
21	Zoom	0	0–254 Wide 255–255 Narrow
22	Control1	0	0–9 No function 10–14 Blackout on Pan/Tilt 15–19 Reserved for future use 20–24 RGBW (additive) color mixing mode 25–29 CMY (subtractive) color mixing mode 30–49 Reserved for future use 50–54 Pan reset 55–59 Tilt reset 60–64 Zoom reset 65–69 Reserved for future use 70–74 Reset all 75–109 Reserved for future use 110–114 Fast Pan/Tilt speed 115–119 Slow Pan/tilt speed 120–124 Slow fan mode 125–129 Full fan mode 130–134 Auto fan mode 135–139 Fast dimmer mode 140–144 Slow dimmer mode 145–255 Reserved for future use
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	0	

Standard Mode 66-channel

66 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	Pan Rotate	0	
6	Tilt Rotate	0	

Standard Mode 66-channel (continued)

Ch	Function	Default	DMX values
7	Position MSpeed	0	
8	C TC	0	
9	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
10	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
11	Gobo	0	0–0 No function 1–255 Gobo1 2
12	Color Macro1	0	
13	Color Macro1Rate	0	
14	Macro Delay	0	
15	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
16	Dimmer	0	
17	Dimmer	0	
18	Dimmer	0	
19	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
20	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
21	Zoom	0	
22	Control1	0	

Standard Mode 66-channel (continued)

Ch	Function	Default	DMX values
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	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	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	Red	255	
64	Green	255	
65	Blue	255	
66	White	0	

Advanced Mode 113-channel

113 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	Pan Rotate	0	
6	Tilt Rotate	0	
7	Position MSpeed	0	
8	C TC	0	
9	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
10	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
11	Gobo	0	0–0 No function 1–255 Gobo1 2
12	Color Macro1	0	
13	Color Macro1Rate	0	
14	Macro Delay	0	
15	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Dimmer	0	
21	Dimmer Fine	0	Fine byte of Dimmer

Advanced Mode 113-channel (continued)

Ch	Function	Default	DMX values
22	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
23	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
24	Zoom	0	
25	Control1	0	
26	Red	255	
27	Red Fine	255	Fine byte of Red
28	Green	255	
29	Green Fine	255	Fine byte of Green
30	Blue	255	
31	Blue Fine	255	Fine byte of Blue
32	White	0	
33	White Fine	0	Fine byte of White
34	Red	255	
35	Red Fine	255	Fine byte of Red
36	Green	255	
37	Green Fine	255	Fine byte of Green
38	Blue	255	
39	Blue Fine	255	Fine byte of Blue
40	White	0	
41	White Fine	0	Fine byte of White
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	

Advanced Mode 113-channel (continued)

Ch	Function	Default	DMX values
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	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	

Advanced Mode 113-channel (continued)

Ch	Function	Default	DMX values
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Red	255	
107	Red Fine	255	Fine byte of Red
108	Green	255	
109	Green Fine	255	Fine byte of Green
110	Blue	255	
111	Blue Fine	255	Fine byte of Blue
112	White	0	
113	White Fine	0	Fine byte of White

Tour Mode 131-channel

131 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	Pan Rotate	0	
6	Tilt Rotate	0	
7	Position MSpeed	0	
8	C TC	0	
9	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
10	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
11	Gobo	0	0–0 No function 1–255 Gobo1 2
12	Color Macro1	0	
13	Color Macro1Rate	0	
14	Macro Delay	0	

Tour Mode 131-channel (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–0 No function 1–2 2700K 3–4 3200K 5–6 4200K 7–8 5600K 9–10 800K 11–239 Color 240–247 Color fade 248–255 Color snap
16	Dimmer	0	
17	Dimmer Fine	0	Fine byte of Dimmer
18	Dimmer	0	
19	Dimmer Fine	0	Fine byte of Dimmer
20	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
21	Shutter / Strobe	255	0–19 Closed 20–24 Open 25–69 Shutter1Strobe 2 70–89 Shutter1StrobePulseClose 3 90–109 StrobeModePulseOpen 4 110–169 StrobeModeRandom 5 170–189 StrobeModeRandomPulse 6 190–244 StrobeModeRandomPulse 7 245–255 Open
22	Zoom	0	
23	Control1	0	
24	Red	255	
25	Red Fine	255	Fine byte of Red
26	Green	255	
27	Green Fine	255	Fine byte of Green
28	Blue	255	
29	Blue Fine	255	Fine byte of Blue
30	White	0	
31	White Fine	0	Fine byte of White
32	Dimmer	255	
33	Dimmer Fine	255	Fine byte of Dimmer
34	Red	255	
35	Red Fine	255	Fine byte of Red
36	Green	255	
37	Green Fine	255	Fine byte of Green
38	Blue	255	
39	Blue Fine	255	Fine byte of Blue
40	White	0	
41	White Fine	0	Fine byte of White
42	Reserved 42	0	

Tour Mode 131-channel (continued)

Ch	Function	Default	DMX values
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	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	

Tour Mode 131-channel (continued)

Ch	Function	Default	DMX values
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Dimmer	0	
123	Dimmer Fine	0	Fine byte of Dimmer
124	Red	255	
125	Red Fine	255	Fine byte of Red
126	Green	255	
127	Green Fine	255	Fine byte of Green
128	Blue	255	
129	Blue Fine	255	Fine byte of Blue
130	White	0	
131	White Fine	0	Fine byte of White