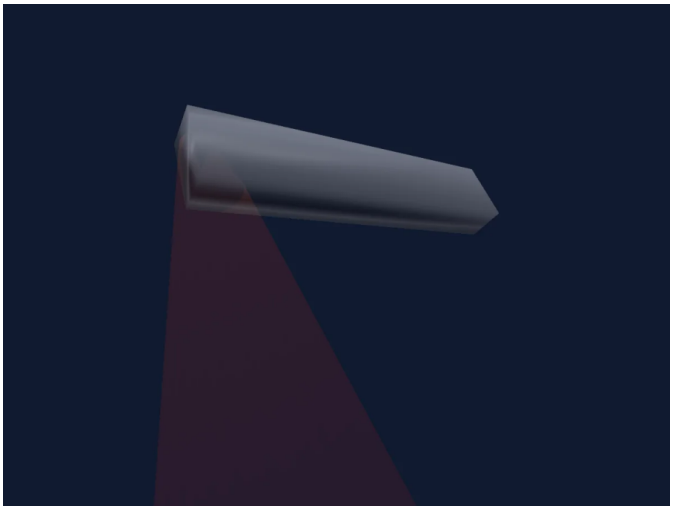
Event Lighting

SURF12X60



Manufacturer	**Event Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 56 channels**
Beam angle	**3-40°**
Tilt range	**270°**
Heads / cells	**12**
Size (W × H × D)	**1080 × 216 × 130 mm**
GDTF fixture type	**75A51571-D362-4A4E-8296-0B…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Effect speed · Strobe · Dimmer · Pixel control · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

18ch Mode	18 ch
56ch Mode 1	56 ch

18ch Mode

18 channels

Ch	Function	Default	DMX values
1	Tilt	127	0–126 Min 127–254 Home 255–255 Max
2	Tilt Fine	127	Fine byte of Tilt
3	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	0	0–3 Open 4–4 Slow 5–199 Slow > Fast 200–200 Fast 201–205 Open 206–206 Slow 207–254 Slow > Fast 255–255 Fast
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	0	

18ch Mode (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–11 None 12–13 Effect 1 14–16 Effect 2 17–19 Effect 3 20–22 Effect 4 23–25 Effect 5 26–28 Effect 6 29–31 Effect 7 32–34 Effect 8 35–37 Effect 9 38–40 Effect 10 41–43 Effect 11 44–46 Effect 12 47–49 Effect 13 50–52 Effect 14 53–55 Effect 15 56–58 Effect 16 59–61 Effect 17 62–64 Effect 18 65–67 Effect 19 68–70 Effect 20 71–73 Effect 21 74–76 Effect 22 77–79 Effect 23 80–82 Effect 24 83–85 Effect 25 86–88 Effect 26 89–91 Effect 27 92–94 Effect 28 95–97 Effect 29 98–100 Effect 30 101–103 Effect 31 104–106 Effect 32 107–109 Effect 33 110–112 Effect 34 113–115 Effect 35 116–118 Effect 36 119–121 Effect 37 122–124 Effect 38 125–127 Effect 39 128–130 Effect 40 131–133 Effect 41 134–136 Effect 42 137–139 Effect 43 140–142 Effect 44 143–145 Effect 45 146–148 Effect 46 149–151 Effect 47 152–154 Effect 48 155–157 Effect 49 158–160 Effect 50 161–163 Effect 51 164–166 Effect 52 167–169 Effect 53 170–172 Effect 54 173–175 Effect 55 176–178 Effect 56 179–181 Effect 57 182–184 Effect 58 185–187 Effect 59 188–190 Effect 60 191–193 Effect 61 194–196 Effect 62 197–199 Effect 63

18ch Mode (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow
14	Effects1Adjust1	0	0–127 Forward 128–255 Backward
15	Foreground Colour	0	0–0 Red Colour Fade 1–254 Red > Purple Colour Fade 255–255 Purple Colour Fade
16	Background Colour	0	0–0 Red Colour Fade 1–254 Red > Purple Colour Fade 255–255 Purple Colour Fade
17	Background Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Function	0	0–100 No Function 130–160 Global Reset 161–255 No Function 1

56ch Mode 1

56 channels

Ch	Function	Default	DMX values
1	Tilt	127	0–126 Min 127–254 Home 255–255 Max
2	Tilt Fine	127	Fine byte of Tilt
3	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	0	0–3 Open 4–4 Slow 5–199 Slow > Fast 200–200 Fast 201–205 Open 206–206 Slow 207–254 Slow > Fast 255–255 Fast
8	Function	0	0–100 No Function 130–160 Global Reset 161–255 No Function 1
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	

56ch Mode 1 (continued)

Ch	Function	Default	DMX values
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	White	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	White	0	
41	Red	0	
42	Green	0	
43	Blue	0	
44	White	0	
45	Red	0	
46	Green	0	
47	Blue	0	
48	White	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	White	0	
53	Red	0	
54	Green	0	
55	Blue	0	
56	White	0	