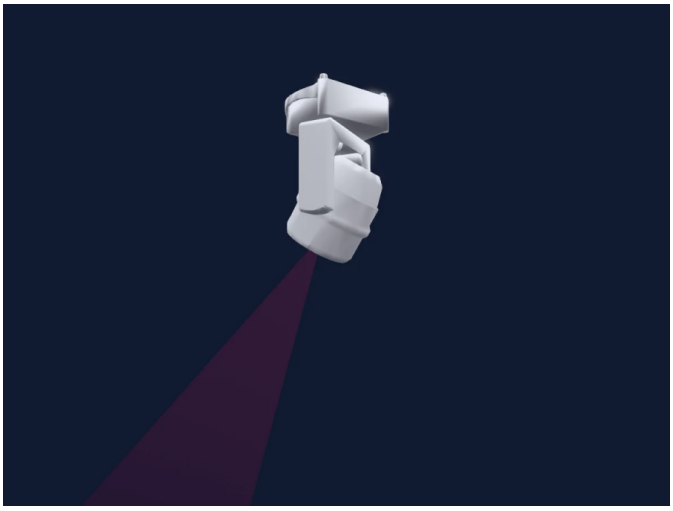
Volux

Phantra



Manufacturer	**Volux**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**26, 49, 105, 127 channels**
Beam angle	**3-50°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**35**
Size (W × H × D)	**225 × 265 × 239 mm**
GDTF fixture type	**8A05D7AA-4671-41C2-9616-6D…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Mode1 - 26Ch	26 ch
Mode2 - 49Ch	49 ch
Mode3 - 105Ch	105 ch
Mode4 - 127Ch	127 ch

Mode1 - 26Ch

26 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Zoom	127	0–254 Narrow 255–255 Wide
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	0–5 Stop - Stop Loop 6–62 CW Indexing - Indexing 63–127 CCW Indexing - Indexing 128–192 Rotate CW S > F - Rotate CW 193–255 Rotate CCW S > F - Rotate CCW
9	Control1	0	0–215 Reserved - Custom 216–230 P/T Reset - Reset 231–245 Full Fixture Reset - Reset 246–255 No Function - Custom
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
13	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
14	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
17	White	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

Mode1 - 26Ch (continued)

Ch	Function	Default	DMX values
21	Effect 2	0	0–3 Open - Macro 4–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
22	Effect Speed 2	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Effect 3	0	0–3 Open - Macro 4–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
24	Effect Speed 3	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Color Macro1	0	
26	C TC	0	0–17 Open - CTC 18–34 8000K - CTC 35–51 7500K - CTC 52–68 6500K - CTC 69–85 6000K - CTC 86–102 5600K - CTC 103–119 5000K - CTC 120–136 4500K - CTC 137–153 4000K - CTC 154–170 3500K - CTC 171–187 3200K - CTC 188–204 3000K - CTC 205–221 2700K - CTC 222–235 2500K - CTC 236–255 2000K - CTC

Mode2 - 49Ch

49 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Zoom	127	0–254 Narrow 255–255 Wide
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	0–5 Stop - Stop Loop 6–62 CW Indexing - Indexing 63–127 CCW Indexing - Indexing 128–192 Rotate CW S > F - Rotate CW 193–255 Rotate CCW S > F - Rotate CCW
9	Control1	0	0–215 Reserved - Custom 216–230 P/T Reset - Reset 231–245 Full Fixture Reset - Reset 246–255 No Function - Custom
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Effect 2	0	0–3 Open - Macro 4–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random

Mode2 - 49Ch (continued)

Ch	Function	Default	DMX values
17	Effect Speed 2	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
20	Color Macro1	0	
21	C TC	0	0–17 Open - CTC 18–34 8000K - CTC 35–51 7500K - CTC 52–68 6500K - CTC 69–85 6000K - CTC 86–102 5600K - CTC 103–119 5000K - CTC 120–136 4500K - CTC 137–153 4000K - CTC 154–170 3500K - CTC 171–187 3200K - CTC 188–204 3000K - CTC 205–221 2700K - CTC 222–235 2500K - CTC 236–255 2000K - CTC
22	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
25	White	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
29	White	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

Mode2 - 49Ch (continued)

Ch	Function	Default	DMX values
31	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
33	White	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
37	White	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
40	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
41	White	255	0–0 Min 1–254 Min > Max 255–255 Max
42	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
43	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
44	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
45	White	255	0–0 Min 1–254 Min > Max 255–255 Max
46	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
47	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
48	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

Mode2 - 49Ch (continued)

Ch	Function	Default	DMX values
49	White	255	0–0 Min 1–254 Min > Max 255–255 Max

Mode3 - 105Ch

105 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	127	
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
12	Red	255	
13	Green	255	
14	Blue	255	
15	White	255	
16	Effect 2	0	0–3 Open - Macro 4–20 Macro Program 1 - Macro 21–35 Macro Program 2 - Macro 36–50 Macro Program 3 - Macro 51–65 Macro Program 4 - Macro 66–80 Macro Program 5 - Macro 81–95 Macro Program 6 - Macro 96–110 Macro Program 7 - Macro 111–125 Macro Program 8 - Macro 126–140 Macro Program 9 - Macro 141–155 Macro Program 10 - Macro 156–170 Macro Program 11 - Macro 171–185 Macro Program 12 - Macro 186–200 Macro Program 13 - Macro 201–215 Macro Program 14 - Macro 216–230 Macro Program 15 - Macro 231–245 Macro Program 16 - Macro 246–255 Macro Random Scroll - Rotate Random
17	Effect Speed 2	0	
18	Color Macro1	0	
19	C TC	0	
20	Dimmer	0	

Mode3 - 105Ch (continued)

Ch	Function	Default	DMX values
21	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
22	Red	255	
23	Green	255	
24	Blue	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	

Mode3 - 105Ch (continued)

Ch	Function	Default	DMX values
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Red	255	
95	Green	255	
96	Blue	255	
97	Red	255	
98	Green	255	
99	Blue	255	
100	Red	255	
101	Green	255	
102	Blue	255	
103	Red	255	
104	Green	255	
105	Blue	255	

Mode4 - 127Ch

127 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	127	
7	Zoom Fine	255	Fine byte of Zoom
8	Effects1Pos Rotate	0	
9	Control1	0	
10	Dimmer	0	
11	Shutter / Strobe	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
12	Color Macro1	0	
13	C TC	0	
14	Red	255	
15	Green	255	
16	Blue	255	
17	White	255	
18	Red	255	
19	Green	255	
20	Blue	255	
21	White	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	255	
26	Red	255	
27	Green	255	
28	Blue	255	
29	White	255	
30	Red	255	
31	Green	255	
32	Blue	255	
33	White	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	White	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	255	

Mode4 - 127Ch (continued)

Ch	Function	Default	DMX values
42	Dimmer	0	
43	Shutter / Strobe 2	0	0–5 Open - Shutter Open 6–55 Sync Strobe S > F - Strobe 56–105 Pulse Strobe S > F - Strobe Pulse Random 106–155 Strobe Random S > F - Strobe Random 156–205 Gradient Strobe 1 - Strobe 206–255 Gradient Strobe 2 - Strobe
44	Red	255	
45	Green	255	
46	Blue	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	Red	255	
54	Green	255	
55	Blue	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	Red	255	
63	Green	255	
64	Blue	255	
65	Red	255	
66	Green	255	
67	Blue	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	Red	255	
72	Green	255	
73	Blue	255	
74	Red	255	
75	Green	255	
76	Blue	255	
77	Red	255	
78	Green	255	
79	Blue	255	
80	Red	255	
81	Green	255	
82	Blue	255	
83	Red	255	

Mode4 - 127Ch (continued)

Ch	Function	Default	DMX values
84	Green	255	
85	Blue	255	
86	Red	255	
87	Green	255	
88	Blue	255	
89	Red	255	
90	Green	255	
91	Blue	255	
92	Red	255	
93	Green	255	
94	Blue	255	
95	Red	255	
96	Green	255	
97	Blue	255	
98	Red	255	
99	Green	255	
100	Blue	255	
101	Red	255	
102	Green	255	
103	Blue	255	
104	Red	255	
105	Green	255	
106	Blue	255	
107	Red	255	
108	Green	255	
109	Blue	255	
110	Red	255	
111	Green	255	
112	Blue	255	
113	Red	255	
114	Green	255	
115	Blue	255	
116	Red	255	
117	Green	255	
118	Blue	255	
119	Red	255	
120	Green	255	
121	Blue	255	
122	Red	255	
123	Green	255	
124	Blue	255	
125	Red	255	
126	Green	255	
127	Blue	255	