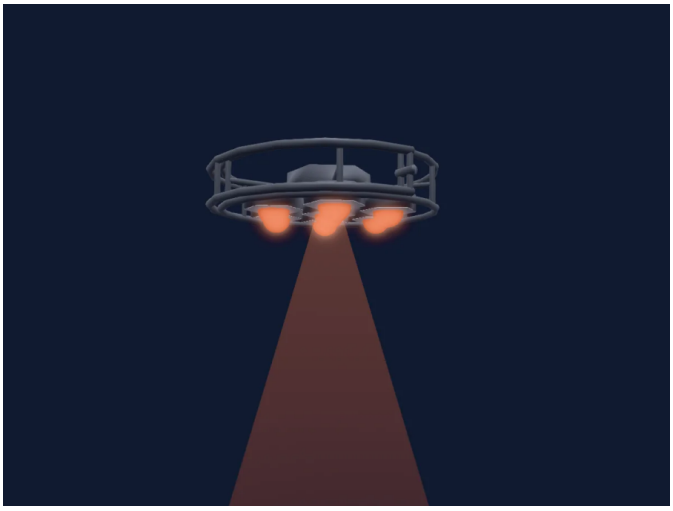
Portman Lights

P1 EVO



Manufacturer	**Portman Lights**
Type	**PAR**
DMX modes	**6**
DMX footprint	**13, 19, 42, 43, 77, 79 channels**
Beam angle	**25-45°**
Heads / cells	**8**
Size (W × H × D)	**911 × 172 × 865 mm**
GDTF fixture type	**17A7062D-0627-4636-B372-07…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe

DMX modes

Super Simple	13 ch
Simple	19 ch
Pixel	42 ch
Standard	43 ch
Pixel Fine	77 ch
Standard Fine	79 ch

Super Simple

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	0	
3	Dimmer	0	
4	Dimmer	0	
5	Dimmer	0	
6	Dimmer	0	
7	Dimmer	0	
8	Red	0	
9	Green	0	
10	Blue	0	
11	White	0	
12	Shutter / Strobe	0	0–9 Shutter Open 10–19 Shutter Closed 20–121 Strobe 122–129 Strobe Open 130–245 Random Strobe 246–255 Strobe Open
13	Shutter / Strobe	0	0–9 Shutter Open 10–19 Shutter Closed 20–121 Strobe 122–129 Shautter Open 130–245 Random Strobe 246–255 Shutter open

Simple

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	0	
3	Dimmer	0	
4	Dimmer	0	
5	Dimmer	0	
6	Dimmer	0	
7	Dimmer	0	
8	Dimmer	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Shutter / Strobe	0	0–9 Shutter Open 10–19 Shutter Closed 20–121 Strobe 122–129 Shutter Open 130–245 Random Strobe 246–255 Shutter Open
14	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)

Simple (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–9 Open (wheel slot 1) 10–39 White (wheel slot 2) 40–55 Red (wheel slot 3) 56–71 Orange (wheel slot 4) 72–87 Yellow (wheel slot 5) 88–103 Spring Green (wheel slot 6) 104–121 Green (wheel slot 7) 122–140 Sea Green (wheel slot 8) 141–156 Cyan (wheel slot 9) 157–172 Azzure (wheel slot 10) 173–188 Blue (wheel slot 11) 189–204 Violet (wheel slot 12) 205–220 Magenta (wheel slot 13) 221–236 Pink (wheel slot 14) 237–237 Red 1 (wheel slot 15) 238–254 Color Spin (wheel slot 16) 255–255 Open 1 (wheel slot 17)
16	Intensity Macro	0	
17	Macro Select	0	
18	Macro Speed	0	
19	Control1	0	0–30 No Function (wheel slot 1) 31–40 Flicker Mode 1 (wheel slot 2) 41–50 Flicker Mode 2 (wheel slot 3) 51–60 Flicker Mode 3 (wheel slot 4) 61–70 Dimming Curve Linear (wheel slot 5) 71–80 Dimming Curve Logarithmic (wheel slot 6) 81–245 Reserved (wheel slot 7) 246–255 Default Values (wheel slot 8)

Pixel

42 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Dimmer	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	White	0	
11	Dimmer	0	
12	Red	0	
13	Green	0	
14	Blue	0	
15	White	0	
16	Dimmer	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	

Pixel (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	White	0	
26	Dimmer	0	
27	Red	0	
28	Green	0	
29	Blue	0	
30	White	0	
31	Dimmer	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	White	0	
36	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
37	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
38	Color Wheel	0	0–9 Open (wheel slot 1) 10–39 White (wheel slot 2) 40–54 Red (wheel slot 3) 55–71 Orange (wheel slot 4) 72–87 Yellow (wheel slot 5) 88–103 Spring Green (wheel slot 6) 104–121 Green (wheel slot 7) 122–140 Sea Green (wheel slot 8) 141–156 Cyan (wheel slot 9) 157–172 Azzure (wheel slot 10) 173–188 Blue (wheel slot 11) 189–204 Violet (wheel slot 12) 205–220 Magenta (wheel slot 13) 221–236 Pink (wheel slot 14) 237–237 Red 1 (wheel slot 15) 238–254 Color Spin (wheel slot 16) 255–255 Open 1 (wheel slot 17)
39	Intensity Macro	0	
40	Macro Select	0	
41	Macro Speed	0	
42	Control1	0	0–30 No Function (wheel slot 1) 31–40 Flicker Mode 1 (wheel slot 2) 41–50 Flicker Mode 2 (wheel slot 3) 51–60 Flicker Mode 3 (wheel slot 4) 61–70 Dimming Curve Linear (wheel slot 5) 71–80 Dimming Curve Logarithmic (wheel slot 6) 81–245 Reserved (wheel slot 7) 246–255 Default Values (wheel slot 8)

Standard

43 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	0	
3	Dimmer	0	
4	Dimmer	0	
5	Dimmer	0	
6	Dimmer	0	
7	Dimmer	0	
8	Dimmer	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
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	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
38	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)

Standard (continued)

Ch	Function	Default	DMX values
39	Color Wheel	0	0–9 Open (wheel slot 1) 10–39 White (wheel slot 2) 40–54 Red (wheel slot 3) 55–71 Orange (wheel slot 4) 72–87 Yellow (wheel slot 5) 88–103 Spring Green (wheel slot 6) 104–121 Green (wheel slot 7) 122–140 Sea Green (wheel slot 8) 141–156 Cyan (wheel slot 9) 157–172 Azzure (wheel slot 10) 173–188 Blue (wheel slot 11) 189–204 Violet (wheel slot 12) 205–220 Magenta (wheel slot 13) 221–236 Pink (wheel slot 14) 237–237 Red 1 (wheel slot 15) 238–254 Color Spin (wheel slot 16) 255–255 Open 1 (wheel slot 17)
40	Intensity Macro	0	
41	Macro Select	0	
42	Macro Speed	0	
43	Control1	0	0–30 No Function (wheel slot 1) 31–40 Flicker Mode 1 (wheel slot 2) 41–50 Flicker Mode 2 (wheel slot 3) 51–60 Flicker Mode 3 (wheel slot 4) 61–70 Dimming Curve Linear (wheel slot 5) 71–80 Dimming Curve Logarithmic (wheel slot 6) 81–245 Reserved (wheel slot 7) 246–255 Default Values (wheel slot 8)

Pixel Fine

77 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Red Fine	0	Fine byte of Red
5	Green	0	
6	Green Fine	0	Fine byte of Green
7	Blue	0	
8	Blue Fine	0	Fine byte of Blue
9	White	0	
10	White Fine	0	Fine byte of White
11	Dimmer	0	
12	Dimmer Fine	0	Fine byte of Dimmer
13	Red	0	
14	Red Fine	0	Fine byte of Red
15	Green	0	
16	Green Fine	0	Fine byte of Green
17	Blue	0	
18	Blue Fine	0	Fine byte of Blue
19	White	0	
20	White Fine	0	Fine byte of White

Pixel Fine (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	
22	Dimmer Fine	0	Fine byte of Dimmer
23	Red	0	
24	Red Fine	0	Fine byte of Red
25	Green	0	
26	Green Fine	0	Fine byte of Green
27	Blue	0	
28	Blue Fine	0	Fine byte of Blue
29	White	0	
30	White Fine	0	Fine byte of White
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer
33	Red	0	
34	Red Fine	0	Fine byte of Red
35	Green	0	
36	Green Fine	0	Fine byte of Green
37	Blue	0	
38	Blue Fine	0	Fine byte of Blue
39	White	0	
40	White Fine	0	Fine byte of White
41	Dimmer	0	
42	Dimmer Fine	0	Fine byte of Dimmer
43	Red	0	
44	Red Fine	0	Fine byte of Red
45	Green	0	
46	Green Fine	0	Fine byte of Green
47	Blue	0	
48	Blue Fine	0	Fine byte of Blue
49	White	0	
50	White Fine	0	Fine byte of White
51	Dimmer	0	
52	Dimmer Fine	0	Fine byte of Dimmer
53	Red	0	
54	Red Fine	0	Fine byte of Red
55	Green	0	
56	Green Fine	0	Fine byte of Green
57	Blue	0	
58	Blue Fine	0	Fine byte of Blue
59	White	0	
60	White Fine	0	Fine byte of White
61	Dimmer	0	
62	Dimmer Fine	0	Fine byte of Dimmer
63	Red	0	
64	Red Fine	0	Fine byte of Red
65	Green	0	

Pixel Fine (continued)

Ch	Function	Default	DMX values
66	Green Fine	0	Fine byte of Green
67	Blue	0	
68	Blue Fine	0	Fine byte of Blue
69	White	0	
70	White Fine	0	Fine byte of White
71	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
72	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
73	Color Wheel	0	0–9 Open (wheel slot 1) 10–39 White (wheel slot 2) 40–54 Red (wheel slot 3) 55–71 Orange (wheel slot 4) 72–87 Yellow (wheel slot 5) 88–103 Spring Green (wheel slot 6) 104–121 Green (wheel slot 7) 122–140 Sea Green (wheel slot 8) 141–156 Cyan (wheel slot 9) 157–172 Azzure (wheel slot 10) 173–188 Blue (wheel slot 11) 189–204 Violet (wheel slot 12) 205–220 Magenta (wheel slot 13) 221–236 Pink (wheel slot 14) 237–237 Red 1 (wheel slot 15) 238–254 Color Spin (wheel slot 16) 255–255 Open 1 (wheel slot 17)
74	Intensity Macro	0	
75	Macro Select	0	
76	Macro Speed	0	
77	Control1	0	

Standard Fine

79 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Dimmer	0	
4	Dimmer Fine	0	Fine byte of Dimmer
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Dimmer	0	
10	Dimmer Fine	0	Fine byte of Dimmer
11	Dimmer	0	

Standard Fine (continued)

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

Standard Fine (continued)

Ch	Function	Default	DMX values
57	Red	0	
58	Red Fine	0	Fine byte of Red
59	Green	0	
60	Green Fine	0	Fine byte of Green
61	Blue	0	
62	Blue Fine	0	Fine byte of Blue
63	White	0	
64	White Fine	0	Fine byte of White
65	Red	0	
66	Red Fine	0	Fine byte of Red
67	Green	0	
68	Green Fine	0	Fine byte of Green
69	Blue	0	
70	Blue Fine	0	Fine byte of Blue
71	White	0	
72	White Fine	0	Fine byte of White
73	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
74	Shutter / Strobe	0	0–9 Shutter Open (wheel slot 1) 10–19 Shutter Closed (wheel slot 2) 20–121 Strobe (wheel slot 3) 122–129 Shutter Open 1 (wheel slot 4) 130–245 Random Strobe (wheel slot 5) 246–255 Shutter Open 2 (wheel slot 6)
75	Color Wheel	0	0–9 Open (wheel slot 1) 10–39 White (wheel slot 2) 40–54 Red (wheel slot 3) 55–71 Orange (wheel slot 4) 72–87 Yellow (wheel slot 5) 88–103 Spring Green (wheel slot 6) 104–121 Green (wheel slot 7) 122–140 Sea Green (wheel slot 8) 141–156 Cyan (wheel slot 9) 157–172 Azzure (wheel slot 10) 173–188 Blue (wheel slot 11) 189–204 Violet (wheel slot 12) 205–220 Magenta (wheel slot 13) 221–236 Pink (wheel slot 14) 237–237 Red 1 (wheel slot 15) 238–254 Color Spin (wheel slot 16) 255–255 Open 1 (wheel slot 17)
76	Intensity Macro	0	
77	Macro Select	0	
78	Macro Speed	0	
79	Control1	0	