Portman Lights

P1 Mini



Manufacturer	**Portman Lights**
Type	**PAR**
DMX modes	**5**
DMX footprint	**19, 42, 43, 49, 50 channels**
Beam angle	**25-45°**
Heads / cells	**7**
Size (W × H × D)	**911 × 172 × 865 mm**
GDTF fixture type	**81DC7344-0534-421B-ACA4-D1…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Simple	19 ch
Pixel	42 ch
Standard	43 ch
Pixel Fine	49 ch
Standard Fine	50 ch

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	Red	0	
9	Green	0	
10	Blue	0	
11	White	0	
12	Dimmer	0	
13	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)
14	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
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	
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)

Pixel (continued)

Ch	Function	Default	DMX values
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	Red	0	
9	Green	0	
10	Blue	0	
11	White	0	
12	Red	0	
13	Green	0	
14	Blue	0	
15	White	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	White	0	
20	Red	0	

Standard (continued)

Ch	Function	Default	DMX values
21	Green	0	
22	Blue	0	
23	White	0	
24	Red	0	
25	Green	0	
26	Blue	0	
27	White	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	White	0	
36	Dimmer	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)
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	

Standard (continued)

Ch	Function	Default	DMX values
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

49 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	0	
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Red	0	
16	Green	0	
17	Blue	0	
18	White	0	
19	Dimmer	0	
20	Dimmer Fine	0	Fine byte of Dimmer
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Dimmer	0	
26	Dimmer Fine	0	Fine byte of Dimmer
27	Red	0	
28	Green	0	
29	Blue	0	
30	White	0	
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer
33	Red	0	
34	Green	0	
35	Blue	0	

Pixel Fine (continued)

Ch	Function	Default	DMX values
36	White	0	
37	Dimmer	0	
38	Dimmer Fine	0	Fine byte of Dimmer
39	Red	0	
40	Green	0	
41	Blue	0	
42	White	0	
43	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)
44	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)
45	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)
46	Intensity Macro	0	
47	Macro Select	0	
48	Macro Speed	0	
49	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 Fine

50 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

Standard Fine (continued)

Ch	Function	Default	DMX values
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	
12	Dimmer Fine	0	Fine byte of Dimmer
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Red	0	
16	Green	0	
17	Blue	0	
18	White	0	
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	White	0	
27	Red	0	
28	Green	0	
29	Blue	0	
30	White	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	White	0	
35	Red	0	
36	Green	0	
37	Blue	0	
38	White	0	
39	Red	0	
40	Green	0	
41	Blue	0	
42	White	0	
43	Dimmer	0	
44	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 Fine (continued)

Ch	Function	Default	DMX values
45	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)
46	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)
47	Intensity Macro	0	
48	Macro Select	0	
49	Macro Speed	0	
50	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)