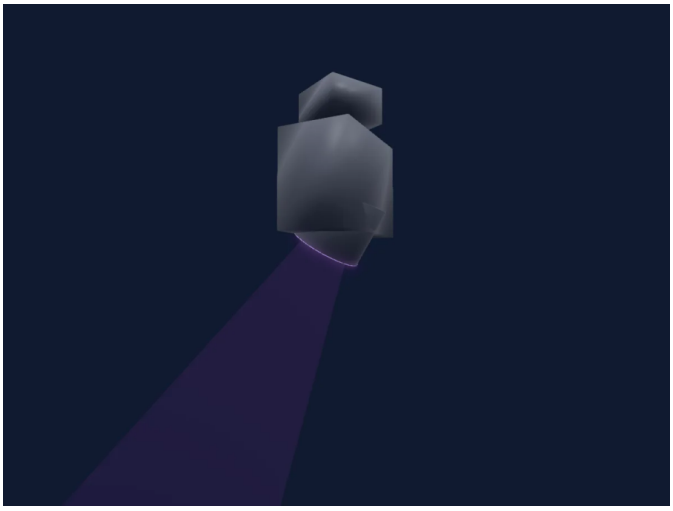
Flash

MH-WASH-BE LED 740 PRO



Manufacturer	**Flash**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**23, 27, 35 channels**
Beam angle	**3.3-55°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**3**
Size (W × H × D)	**120 × 100 × 120 mm**
GDTF fixture type	**6999CF09-1674-46FF-B424-E3F...**

Controls

Zoom · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

23ch	23 ch
51ch	27 ch
35ch	35 ch

23ch

23 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	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Zoom	128	0–254 Narrow 255–255 Wide
7	Beam Shaper	0	0–127 BeamShaper 1 128–188 < 189–193 >< 194–255 >
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–4 Closed 16–102 Slow strobo 103–103 Fast strobo 104–107 Open 1 108–207 StrobeModePulse 4 208–212 Open 2 215–251 Random strobo 252–255 Open
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TO	0	
15	Color Macro1	0	0–49 No function 50–99 Skip change 100–255 Gradual change
16	Gobo	0	0–29 Open 30–44 Gobo 1 45–59 Gobo 2 60–74 Gobo 3 75–89 Gobo 4 90–104 Gobo 5 105–119 Gobo 6 120–134 Gobo 7 135–149 Gobo 8 150–164 Gobo 9 165–179 Gobo 10 180–209 Gobo 11 210–224 Gobo 12 225–239 Gobo 13 240–254 Gobo 14 255–255 Gobo 15

23ch (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–9 Open 10–14 Gobo 1 15–19 Gobo 2 20–24 Gobo 3 25–29 Gobo 4 30–34 Gobo 5 35–39 Gobo 6 40–44 Gobo 7 45–49 Gobo 8 50–54 Gobo 9 55–59 Gobo 10 60–64 Gobo 11 65–69 Gobo 12 70–74 Gobo 13 75–79 Gobo 14 80–84 Gobo 15 85–89 Gobo 16 90–94 Gobo 17 95–99 Gobo 18 100–104 Gobo 19 105–109 Gobo 20 110–114 Gobo 21 115–119 Gobo 22 120–124 Gobo 23 125–129 Gobo 24 130–134 Gobo 25 135–139 Gobo 26 140–144 Gobo 27 145–149 Gobo 28 150–154 Gobo 29 155–159 Gobo 30 160–164 Gobo 31 165–169 Gobo 32 170–174 Gobo 33 175–179 Gobo 34 180–184 Gobo 35 185–189 Gobo 36 190–194 Gobo 37 195–199 Gobo 38 200–204 Gobo 39 205–255 Gobo 40
18	Gobo Rotation 2	0	0–63 Gobo2Pos 1 64–158 < 159–160 >< 161–255 >
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Control1	0	0–127 No function 128–255 Reset

51ch

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	

51ch (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 Slow
6	Zoom	128	0–254 Narrow 255–255 Wide
7	Beam Shaper	0	0–127 BeamShaper 1 128–188 < 189–193 >< 194–255 >
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–4 Closed 16–102 Slow strobo 103–103 Fast strobo 104–107 Open 1 108–207 StrobeModePulse 4 208–212 Open 2 215–251 Random strobo 255–255 Open
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TO	0	
15	Color Macro1	0	0–49 No function 50–99 Skip change 100–255 Gradual change
16	Gobo	0	0–29 Open 30–44 Gobo 1 45–59 Gobo 2 60–74 Gobo 3 75–89 Gobo 4 90–104 Gobo 5 105–119 Gobo 6 120–134 Gobo 7 135–149 Gobo 8 150–164 Gobo 9 165–179 Gobo 10 180–209 Gobo 11 210–224 Gobo 12 225–239 Gobo 13 240–254 Gobo 14 255–255 Gobo 15

51ch (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–9 Open 10–14 Gobo 1 15–19 Gobo 2 20–24 Gobo 3 25–29 Gobo 4 30–34 Gobo 5 35–39 Gobo 6 40–44 Gobo 7 45–49 Gobo 8 50–54 Gobo 9 55–59 Gobo 10 60–64 Gobo 11 65–69 Gobo 12 70–74 Gobo 13 75–79 Gobo 14 80–84 Gobo 15 85–89 Gobo 16 90–94 Gobo 17 95–99 Gobo 18 100–104 Gobo 19 105–109 Gobo 20 110–114 Gobo 21 115–119 Gobo 22 120–124 Gobo 23 125–129 Gobo 24 130–134 Gobo 25 135–139 Gobo 26 140–144 Gobo 27 145–149 Gobo 28 150–154 Gobo 29 155–159 Gobo 30 160–164 Gobo 31 165–169 Gobo 32 170–174 Gobo 33 175–179 Gobo 34 180–184 Gobo 35 185–189 Gobo 36 190–194 Gobo 37 195–199 Gobo 38 200–204 Gobo 39 205–255 Gobo 40
18	Gobo Rotation 2	0	0–63 Gobo2Pos 1 64–158 < 159–160 >< 161–255 >
19	Red	255	
20	Green	255	
21	Blue	255	
22	White	255	
23	Control1	0	0–127 No function 128–255 Reset
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	

35ch

35 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	C TO	0	
10	Color Macro1	0	0–49 No function 50–99 Skip change 100–255 Gradual change
11	Shutter / Strobe	255	0–4 Closed 16–102 Slow strobo 103–103 Fast strobo 104–107 Open 1 108–207 StrobeModePulse 4 208–212 Open 2 215–251 Random strobo 252–255 Open
12	Dimmer	0	0–254 Closed 255–255 Open
13	Dimmer Fine	0	Fine byte of Dimmer
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Position MSpeed	0	0–254 Fast 255–255 Slow
19	Control1	0	0–127 No function 128–255 Reset
20	Zoom	128	0–254 Narrow 255–255 Wide
21	Beam Shaper	0	0–127 BeamShaper 1 128–188 < 189–193 >< 194–255 >

35ch (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–9 Open 10–14 Gobo 1 15–19 Gobo 2 20–24 Gobo 3 25–29 Gobo 4 30–34 Gobo 5 35–39 Gobo 6 40–44 Gobo 7 45–49 Gobo 8 50–54 Gobo 9 55–59 Gobo 10 60–64 Gobo 11 65–69 Gobo 12 70–74 Gobo 13 75–79 Gobo 14 80–84 Gobo 15 85–89 Gobo 16 90–94 Gobo 17 95–99 Gobo 18 100–104 Gobo 19 105–109 Gobo 20 110–114 Gobo 21 115–119 Gobo 22 120–124 Gobo 23 125–129 Gobo 24 130–134 Gobo 25 135–139 Gobo 26 140–144 Gobo 27 145–149 Gobo 28 150–154 Gobo 29 155–159 Gobo 30 160–164 Gobo 31 165–169 Gobo 32 170–174 Gobo 33 175–179 Gobo 34 180–184 Gobo 35 185–189 Gobo 36 190–194 Gobo 37 195–199 Gobo 38 200–204 Gobo 39 205–255 Gobo 40
23	Gobo Rotation 2	0	0–63 Gobo2Pos 1 64–158 < 159–160 >< 161–255 >
24	Shape Fade	0	
25	Red	255	
26	Green	255	
27	Blue	255	
28	White	255	
29	Dimmer	0	0–254 Closed 255–255 Open
30	Dimmer	0	0–254 Closed 255–255 Open
31	Shape Transition	0	
32	Shape Offset	0	

35ch (continued)

Ch	Function	Default	DMX values
33	Shutter / Strobe	0	0–4 Open 16–102 Slow strobo 103–103 Fast strobo 104–107 Open 1 108–207 StrobeModePulse 4 208–212 Open 2 215–251 Random strobo 252–255 Open 3
34	Shutter / Strobe	0	0–4 Open 16–102 Slow strobo 103–103 Fast strobo 104–107 Open 1 108–207 StrobeModePulse 4 208–212 Open 2 215–251 Random strobo 252–255 Open 3
35	Gobo	0	