BeamZ Pro

MHL 740 RGBW



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**11, 17, 18, 38 channels**
Beam angle	**4.5-50.8°**
Pan range	**540°**
Tilt range	**230°**
Size (W × H × D)	**158 × 161 × 147 mm**
GDTF fixture type	**9110F12B-87BD-42E0-BDDA-C…**

Controls

Zoom · Extra LED colours · Hue and saturation · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Dimmer · Movement speed

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

11 Ch HSI	11 ch
17 Ch Standard	17 ch
18 Ch GUI	18 ch
38 Ch Extended	38 ch
38 Ch Extended + Virtual Dimmer	38 ch

11 Ch HSI

11 channels

Ch	Function	Default	DMX values
1	Pan	127	0–62 -100 63–126 -050 127–190 Home 191–254 050 255–255 100
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–62 -100 63–126 -050 127–190 000 191–253 050 254–255 100
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	255	0–3 Closed 4–28 000 29–53 025 54–78 050 79–102 075 103–103 100 104–107 000 108–132 001 133–157 025 158–182 050 183–206 075 207–207 100 208–221 000 222–230 025 231–239 050 240–250 075 251–251 100 252–255 000
7	H SBHue	255	0–63 000 64–127 90 128–191 180 192–254 270 255–255 360
8	H SBSaturation	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
9	H SBBrightness	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Zoom	127	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
11	Control1	0	0–59 Idle 60–99 Fixture Global Reset 100–200 AutoProgram 1 201–255 Idle

17 Ch Standard

17 channels

Ch	Function	Default	DMX values
1	Pan	127	0–62 -100 63–126 -050 127–190 Home 191–254 050 255–255 100
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–62 -100 63–126 -050 127–190 000 191–253 050 254–255 100
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	255	0–3 Closed 4–28 000 29–53 025 54–78 050 79–102 075 103–103 100 104–107 000 108–132 001 133–157 025 158–182 050 183–206 075 207–207 100 208–221 000 222–230 025 231–239 050 240–250 075 251–251 100 252–255 000
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

17 Ch Standard (continued)

Ch	Function	Default	DMX values
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	C TC	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
14	Color Wheel	0	0–22 Wheel Slot 0 Open (wheel slot 1) 23–46 Wheel Slot 1 (wheel slot 2) 47–69 Wheel Slot 2 (wheel slot 3) 70–92 Wheel Slot 3 (wheel slot 4) 93–115 Wheel Slot 4 (wheel slot 5) 116–139 Wheel Slot 5 (wheel slot 6) 140–162 Wheel Slot 6 (wheel slot 7) 163–185 Wheel Slot 7 (wheel slot 8) 186–208 Wheel Slot 8 (wheel slot 9) 209–232 Wheel Slot 9 (wheel slot 10) 233–255 Wheel Slot 10 (wheel slot 11)
15	Effect	0	0–0 Effects Off 1–100 Fantasy FX 101–200 Wave FX 201–255 Empty Channel SetEffects Off
16	Zoom	127	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
17	Control1	0	0–59 Idle 60–99 Fixture Global Reset 100–200 AutoProgram 1 201–255 Idle

18 Ch GUI

18 channels

Ch	Function	Default	DMX values
1	Pan	127	0–62 -100 63–126 -050 127–190 Home 191–254 050 255–255 100
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–62 -100 63–126 -050 127–190 000 191–253 050 254–255 100
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max

18 Ch GUI (continued)

Ch	Function	Default	DMX values
6	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Shutter / Strobe	255	0–3 Closed 4–28 000 29–53 025 54–78 050 79–102 075 103–103 100 104–107 000 108–132 001 133–157 025 158–182 050 183–206 075 207–207 100 208–221 000 222–230 025 231–239 050 240–250 075 251–251 100 252–255 000
8	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
9	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Color Wheel	0	0–22 Wheel Slot 0 Open (wheel slot 1) 23–46 Wheel Slot 1 (wheel slot 2) 47–69 Wheel Slot 2 (wheel slot 3) 70–92 Wheel Slot 3 (wheel slot 4) 93–115 Wheel Slot 4 (wheel slot 5) 116–139 Wheel Slot 5 (wheel slot 6) 140–162 Wheel Slot 6 (wheel slot 7) 163–185 Wheel Slot 7 (wheel slot 8) 186–208 Wheel Slot 8 (wheel slot 9) 209–232 Wheel Slot 9 (wheel slot 10) 233–255 Wheel Slot 10 (wheel slot 11)

18 Ch GUI (continued)

Ch	Function	Default	DMX values
13	Effect	0	0–0 Effects Off 1–48 Pixel 1 > 7 49–69 Static Graphics 1 > 3 70–139 Static Graphics 1 > 10 140–153 Dynamic Graphics 1 > 2 154–216 Dynamic Effects 1 > 9 217–255 Petal Effects
14	Effect Speed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
15	Color Effects1	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
16	Dimmer	255	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
17	Zoom	127	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
18	Control1	0	0–59 Idle 60–99 Fixture Global Reset 100–200 AutoProgram 1 201–255 Idle

38 Ch Extended

38 channels

Ch	Function	Default	DMX values
1	Pan	127	0–62 -100 63–126 -050 127–190 Home 191–254 050 255–255 100
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–62 -100 63–126 -050 127–190 000 191–253 050 254–255 100
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
7	Dimmer Fine	0	Fine byte of Dimmer

38 Ch Extended (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	255	0–3 Closed 4–28 000 29–53 025 54–78 050 79–102 075 103–103 100 104–107 000 108–132 001 133–157 025 158–182 050 183–206 075 207–207 100 208–221 000 222–230 025 231–239 050 240–250 075 251–251 100 252–255 000
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	

38 Ch Extended (continued)

Ch	Function	Default	DMX values
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Zoom	127	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
38	Control1	0	0–59 Idle 60–99 Fixture Global Reset 100–200 AutoProgram 1 201–255 Idle

38 Ch Extended + Virtual Dimmer

38 channels

Ch	Function	Default	DMX values
1	Pan	127	0–62 -100 63–126 -050 127–190 Home 191–254 050 255–255 100
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–62 -100 63–126 -050 127–190 000 191–253 050 254–255 100
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
7	Dimmer Fine	0	Fine byte of Dimmer

38 Ch Extended + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	255	0–3 Closed 4–28 000 29–53 025 54–78 050 79–102 075 103–103 100 104–107 000 108–132 001 133–157 025 158–182 050 183–206 075 207–207 100 208–221 000 222–230 025 231–239 050 240–250 075 251–251 100 252–255 000
9	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	

38 Ch Extended + Virtual Dimmer (continued)

Ch	Function	Default	DMX values
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Zoom	127	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
38	Control1	0	0–59 Idle 60–99 Fixture Global Reset 100–200 AutoProgram 1 201–255 Idle