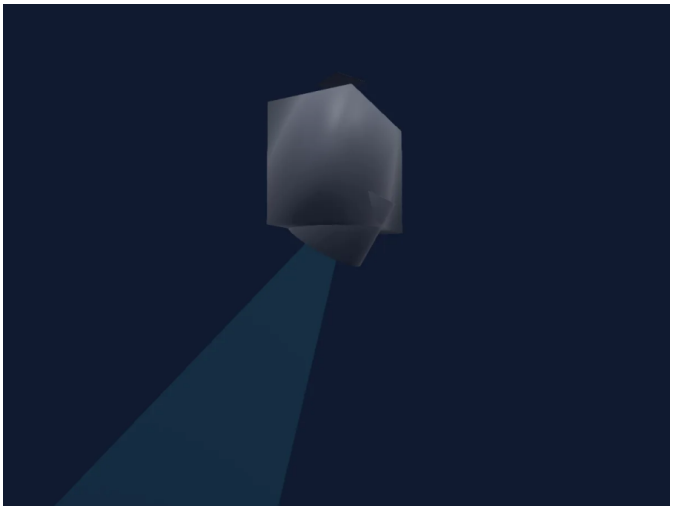
Ali Express

Mini740-Pixel-BEE



Manufacturer	**Ali Express**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**23, 51 channels**
Beam angle	**3-60°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**7**
Size (W × H × D)	**120 × 100 × 120 mm**
GDTF fixture type	**FA595E44-A2BA-41E0-9527-58…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

23ch	23 ch
51ch	51 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	0–10 Wide max 11–254 BeamShaper Widest 255–255 Narrow
7	Beam Shaper	0	0–62 0 degree 63–126 30 degree 127–127 60 degree 128–189 rotate CW fast 190–190 rotate CW slow 191–192 rotate stop 193–254 rotate CCW slow 255–255 rotate CCW fast
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–4 Closed 5–102 Strobe slow 103–103 Strobe fast 104–107 NoFeature1 108–206 Pulse slow 207–207 Pulse fast 208–212 NoFeature2 213–250 Strobe random slow 251–251 Strobe random fast 255–255 Open
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TO	0	0–0 CTO off 1–254 CTO 8500k 255–255 CTO 2800k
15	Color Macro1	0	

23ch (continued)

Ch	Function	Default	DMX values
16	Effect	0	0–9 No effect 10–14 pixel 1 (center) 15–19 pixel 2 20–24 pixel 3 25–29 pixel 4 30–34 pixel 5 35–39 pixel 6 40–44 pixel 7 45–49 ring 50–54 pixel 2-3 55–59 pixel 5-6-7 60–64 pixel 1-2 65–69 pixel 1-4-5 70–74 pixel 1-2-3-7 75–79 pixel 1-3-6 (horizontal line) 80–84 pixel 1-2-3-5-6 (butterfly) 85–89 pixel 4-7 (2 dots) 90–94 pixel 3-4-6-7 (4 dots) 95–99 pixel 2-4-6 (3 dots) 100–104 pixel 1-2-3-4-7 105–124 off 125–129 rainbow (center transp) 130–134 rainbow soft tints (center transp) 135–139 green (center transp) 140–144 1 pix red 1 pix green (transp) 145–149 red green 150–154 cyan yellow 155–159 magenta green 160–164 yellow propellor 165–169 1 pix blue 1 pix magenta 170–174 3 pix R G B 175–179 yellow blue 180–184 magenta horizontal line 185–189 red butterfly 190–194 magenta ring green center 195–199 yellow congo butterfly 200–204 red C M Y 205–209 rainbow 210–214 green congo rose 215–219 red green line 220–224 3 pix blue 225–229 ring yellow blue red 230–234 yellow propellor RGB dots 235–239 rainbow (2 pix off) 240–244 soft tints line 245–249 soft green magenta line 250–254 red 255–255 green

23ch (continued)

Ch	Function	Default	DMX values
17	Effect 2	0	0–9 No effect 10–14 int rotate + center 15–19 int rotate 1 pix 20–24 int in out 25–29 int rotate 2 pix 30–34 int rotate 2 pix (3 step) 35–39 int rotate 3 pix 40–44 int rotate 3 pix (3 step) 45–49 int left right 50–54 int rotate 1 pix center on 55–59 int rotate 2 pix center on 60–64 int rotate 2 pix (3 step) center on 65–69 int rotate 3 pix center on 70–74 int rotate 3 pix (3 step) center on 75–79 int 3 part horizontal 80–84 int fan 85–89 int fan invert 90–94 int fan no center 95–99 int fan invert no center 100–104 int odd even 105–109 int 3 part vertical 110–114 int 2 part 4 pixels vertical 115–119 int 2 part 4 pixels horizontal 120–124 int washing machine 125–129 int odd even center on 130–134 rainbow rotate 6 pix (center transp) 135–139 soft tints rotate 6 pix (center transp) 140–144 rainbow all (center transp) 145–149 rainbow rotate 2 pix transp 150–154 red green fill rotate 155–159 cyan yellow fill rotate 160–164 magenta green fill rotate 165–169 rainbow all step 2p 170–174 rainbow fan (no center) 175–179 rainbow rotate 2 pix 180–184 yellow congo fill rotate 185–189 rainbow 3 part horizontal 190–194 rainbow fan invert 195–199 rainbow ring / center 200–204 rainbow odd even 205–209 rainbow mix 1 210–214 rainbow mix 2 215–219 rainbow mix 3 220–224 red green blue 225–229 rainbow 3 part vertical 230–234 rainbow rotate 2 pix (no center) 235–239 rainbow mix 4 240–244 rainbow rotate 2 pix off 245–249 all G M C R B Y 250–254 rainbow fan 255–255 soft tints horizontal
18	Effect Speed 2	127	0–126 CW fast 127–127 CW slow 128–254 CCW slow 255–255 CCW fast
19	No Feature	0	
20	No Feature	0	
21	No Feature	0	
22	No Feature	0	
23	Control1	0	0–127 No function 128–255 Reset

51ch

51 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	0–10 Wide max 11–254 BeamShaper Widest 255–255 Narrow
7	Beam Shaper	0	0–62 0 degree 63–126 30 degree 127–127 60 degree 128–189 rotate CW fast 190–190 rotate CW slow 191–192 rotate stop 193–254 rotate CCW slow 255–255 rotate CCW fast
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–4 Closed 5–102 Strobe slow 103–103 Strobe fast 104–107 NoFeature1 108–206 Pulse slow 207–207 Pulse fast 208–212 NoFeature2 213–250 Strobe random slow 251–251 Strobe random fast 255–255 Open
10	No Feature	0	
11	No Feature	0	
12	No Feature	0	
13	No Feature	0	
14	C TO	0	0–0 CTO off 1–254 CTO 8500k 255–255 CTO 2800k
15	Color Macro1	0	

51ch (continued)

Ch	Function	Default	DMX values
16	Effect	0	0–104 No effect 105–124 off 125–129 rainbow (center transp) 130–134 rainbow soft tints (center transp) 135–139 green (center transp) 140–144 1 pix red 1 pix green (transp) 145–149 red green 150–154 cyan yellow 155–159 magenta green 160–164 yellow propellor 165–169 1 pix blue 1 pix magenta 170–174 3 pix R G B 175–179 yellow blue 180–184 magenta horizontal line 185–189 red butterfly 190–194 magenta ring green center 195–199 yellow congo butterfly 200–204 red C M Y 205–209 rainbow 210–214 green congo rose 215–219 red green line 220–224 3 pix blue 225–229 ring yellow blue red 230–234 yellow propellor RGB dots 235–239 rainbow (2 pix off) 240–244 soft tints line 245–249 soft green magenta line 250–254 red 255–255 green
17	Effect 2	0	0–129 No effect 130–134 rainbow rotate 6 pix (center transp) 135–139 soft tints rotate 6 pix (center transp) 140–144 rainbow all (center transp) 145–149 rainbow rotate 2 pix transp 150–154 red green fill rotate 155–159 cyan yellow fill rotate 160–164 magenta green fill rotate 165–169 rainbow all step 2p 170–174 rainbow fan (no center) 175–179 rainbow rotate 2 pix 180–184 yellow congo fill rotate 185–189 rainbow 3 part horizontal 190–194 rainbow fan invert 195–199 rainbow ring / center 200–204 rainbow odd even 205–209 rainbow mix 1 210–214 rainbow mix 2 215–219 rainbow mix 3 220–224 red green blue 225–229 rainbow 3 part vertical 230–234 rainbow rotate 2 pix (no center) 235–239 rainbow mix 4 240–244 rainbow rotate 2 pix off 245–249 all G M C R B Y 250–254 rainbow fan 255–255 soft tints horizontal
18	Effect Speed 2	127	0–126 CW fast 127–127 CW slow 128–254 CCW slow 255–255 CCW fast
19	No Feature	0	

51ch (continued)

Ch	Function	Default	DMX values
20	No Feature	0	
21	No Feature	0	
22	No Feature	0	
23	Control1	0	0–127 No function 128–255 Reset
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	
28	Red	255	
29	Green	255	
30	Blue	255	
31	White	0	
32	Red	255	
33	Green	255	
34	Blue	255	
35	White	0	
36	Red	255	
37	Green	255	
38	Blue	255	
39	White	0	
40	Red	255	
41	Green	255	
42	Blue	255	
43	White	0	
44	Red	255	
45	Green	255	
46	Blue	255	
47	White	0	
48	Red	255	
49	Green	255	
50	Blue	255	
51	White	0	