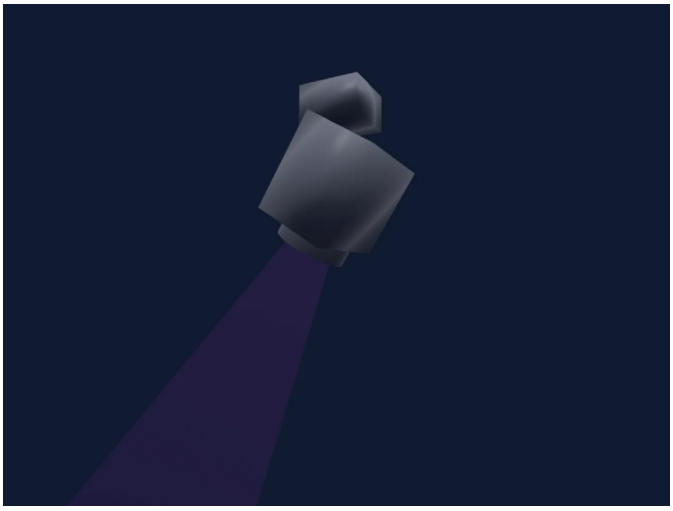
UKing

ZQ02356



Manufacturer	**UKing**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**23, 27, 35 channels**
Beam angle	**5-45°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**190 × 160 × 120 mm**
GDTF fixture type	**ED78A012-969F-4473-BA9B-34…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

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	0–126 Manual Shape Move 127–187 Anti Clockwise Fast to Slow 188–192 Stop Middle 193–255 Clockwise Slow to Fast
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–0 Open 1–83 Slow strobo 84–103 Fast strobo 104–107 Open 2 108–207 Shutter1StrobePulse 3 208–212 Open 3 213–251 StrobeModeRandom 3 252–255 Open 4
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TC	0	0–0 No function 1–255 CTC 2
15	Color Wheel	0	0–15 No function (wheel slot 1) 16–35 Wheel Slot 1 (wheel slot 2) 36–55 Wheel Slot 2 (wheel slot 3) 56–75 Wheel Slot 3 (wheel slot 4) 76–95 Wheel Slot 4 (wheel slot 5) 96–115 Wheel Slot 5 (wheel slot 6) 116–135 Wheel Slot 6 (wheel slot 7) 136–155 Wheel Slot 8 (wheel slot 8) 156–175 Wheel Slot 7 (wheel slot 9) 176–195 Wheel Slot 9 (wheel slot 10) 196–200 All colors (wheel slot 11) 201–205 2800K (wheel slot 12) 206–210 3200K (wheel slot 13) 211–215 4000K (wheel slot 14) 216–220 4500K (wheel slot 15) 221–225 5000K (wheel slot 16) 226–230 5600K (wheel slot 17) 231–235 6500K (wheel slot 18) 236–240 7000K (wheel slot 19) 241–245 7500K (wheel slot 20) 246–255 8000K (wheel slot 21)
16	Color Macro1	0	0–49 No function 50–99 Skip change 100–255 Gradual change
17	Color Macro2	0	0–49 No function 50–99 Skip change 100–255 Gradual change

23Ch (continued)

Ch	Function	Default	DMX values
18	Color Macro2Rate	0	0–254 Slow 255–255 Fast
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Control1	0	0–244 No function 245–255 Reset

51Ch

27 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 Manual Shape Move 128–188 Anti Clockwise Fast to Slow 189–193 Stop Middle 194–255 Clockwise Slow to Fast
8	Dimmer	0	0–254 Closed 255–255 Open
9	Shutter / Strobe	255	0–0 Open 1–83 Slow strobo 84–103 Fast strobo 104–107 Open 2 108–207 Shutter1StrobePulse 3 208–212 Open 3 213–251 StrobeModeRandom 3 252–255 Open 4
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	C TC	0	0–0 No function 1–255 CTC 2

51Ch (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–15 No function (wheel slot 1) 16–35 Wheel Slot 1 (wheel slot 2) 36–55 Wheel Slot 2 (wheel slot 3) 56–75 Wheel Slot 3 (wheel slot 4) 76–95 Wheel Slot 4 (wheel slot 5) 96–115 Wheel Slot 5 (wheel slot 6) 116–135 Wheel Slot 6 (wheel slot 7) 136–155 Wheel Slot 8 (wheel slot 8) 156–175 Wheel Slot 7 (wheel slot 9) 176–195 Wheel Slot 9 (wheel slot 10) 196–200 All colors (wheel slot 11) 201–205 2800K (wheel slot 12) 206–210 3200K (wheel slot 13) 211–215 4000K (wheel slot 14) 216–220 4500K (wheel slot 15) 221–225 5000K (wheel slot 16) 226–230 5600K (wheel slot 17) 231–235 6500K (wheel slot 18) 236–240 7000K (wheel slot 19) 241–245 7500K (wheel slot 20) 246–255 8000K (wheel slot 21)
16	Color Macro1	0	0–49 No function 50–99 Skip change 100–255 Gradual change
17	Color Macro2	0	0–49 No function 50–99 Skip change 100–255 Gradual change
18	Color Macro2Rate	0	0–254 Slow 255–255 Fast
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Control1	0	0–244 No function 245–255 Reset
24	Red	0	
25	Green	0	
26	Blue	0	
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 TC	0	0–0 No function 1–255 CTC 2

35Ch (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–15 No function (wheel slot 1) 16–35 Wheel Slot 1 (wheel slot 2) 36–55 Wheel Slot 2 (wheel slot 3) 56–75 Wheel Slot 3 (wheel slot 4) 76–95 Wheel Slot 4 (wheel slot 5) 96–115 Wheel Slot 5 (wheel slot 6) 116–135 Wheel Slot 6 (wheel slot 7) 136–155 Wheel Slot 8 (wheel slot 8) 156–175 Wheel Slot 7 (wheel slot 9) 176–195 Wheel Slot 9 (wheel slot 10) 196–200 All colors (wheel slot 11) 201–205 2800K (wheel slot 12) 206–210 3200K (wheel slot 13) 211–215 4000K (wheel slot 14) 216–220 4500K (wheel slot 15) 221–225 5000K (wheel slot 16) 226–230 5600K (wheel slot 17) 231–235 6500K (wheel slot 18) 236–240 7000K (wheel slot 19) 241–245 7500K (wheel slot 20) 246–255 8000K (wheel slot 21)
11	Shutter / Strobe	255	0–0 Open 1–83 Slow strobo 84–103 Fast strobo 104–107 Open 2 108–207 Shutter1StrobePulse 3 208–212 Open 3 213–251 StrobeModeRandom 3 252–255 Open 4
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	0–244 No function 245–255 Reset
20	Zoom	128	0–254 Narrow 255–255 Wide
21	Beam Shaper	0	0–127 Manual Shape Move 128–188 Anti Clockwise Fast to Slow 189–193 Stop Middle 194–255 Clockwise Slow to Fast
22	Shape Selection	0	
23	Shape Speed	0	
24	Shape Fade	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Dimmer	0	
30	Background Dimmer	0	

35Ch (continued)

Ch	Function	Default	DMX values
31	Shape Transition	0	
32	Shape Offset	0	
33	Shutter / Strobe 2	255	0–0 Open 1–83 Slow strobo 84–103 Fast strobo 104–107 Open 2 108–207 Shutter1StrobePulse 3 208–212 Open 3 213–251 StrobeModeRandom 3 252–255 Open 4
34	Shutter / Strobe 2	255	0–0 Open 1–83 Slow strobo 84–103 Fast strobo 104–107 Open 2 108–207 Shutter1StrobePulse 3 208–212 Open 3 213–251 StrobeModeRandom 3 252–255 Open 4
35	Shape Selection	0	