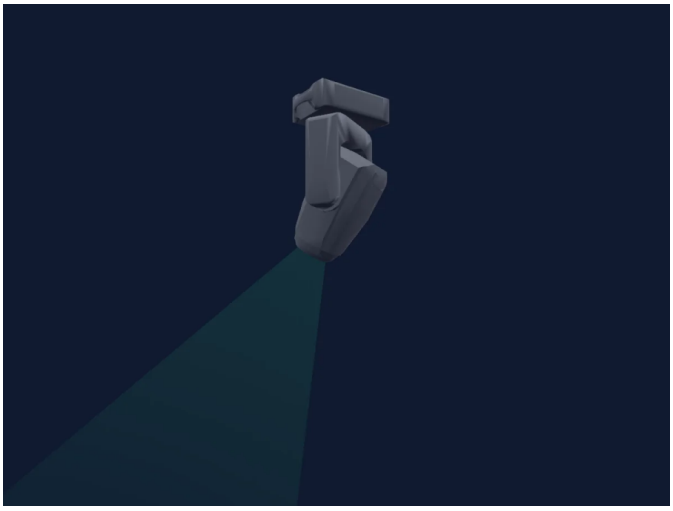
MARK

MH 300 L



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 24 channels**
Beam angle	**45°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**267 × 419 × 223 mm**
GDTF fixture type	**1C2AB6A3-B4D0-4E94-B821-52…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

16 CHANNELS	16 ch
24 CHANNELS	24 ch

16 CHANNELS

16 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Position MSpeed	0	
4	Control1	0	0–139 No function 140–149 Reset XY 150–159 NoFeature 1 160–169 Reset Motors 170–199 NoFeature 2 200–209 Reset All 210–255 NoFeature 3
5	Color Wheel	125	0–124 Index 125–129 White (wheel slot 1) 130–134 Red (wheel slot 2) 135–138 Blue (wheel slot 3) 139–143 Yellow (wheel slot 4) 144–147 Lime (wheel slot 5) 148–152 CTO (wheel slot 6) 153–157 Cyan (wheel slot 7) 158–161 Magenta (wheel slot 8) 162–166 Green (wheel slot 9) 167–189 Orange (wheel slot 10) 190–215 CCW F > S 216–217 Stop 218–255 CW S > F
6	No Feature	0	
7	Gobo	0	0–3 Open (wheel slot 1) 4–9 Reducer 1 (wheel slot 2) 10–15 Reducer 2 (wheel slot 3) 16–21 Reducer 3 (wheel slot 4) 22–27 Gobo 1 (wheel slot 5) 28–33 Gobo 2 (wheel slot 6) 34–39 Gobo 3 (wheel slot 7) 40–45 Gobo 4 (wheel slot 8) 46–51 Gobo 5 (wheel slot 9) 52–87 Gobo 6 (wheel slot 10) 88–95 Open Shake S > F (wheel slot 1) 96–103 Reducer 1 Shake S > F (wheel slot 2) 104–111 Reducer 2 Shake S > F (wheel slot 3) 112–119 Reducer 3 Shake S > F (wheel slot 4) 120–127 Gobo 1 Shake S > F (wheel slot 5) 128–135 Gobo 2 Shake S > F (wheel slot 6) 136–143 Gobo 3 Shake S > F (wheel slot 7) 144–151 Gobo 4 Shake S > F (wheel slot 8) 152–159 Gobo 5 Shake S > F (wheel slot 9) 160–167 Gobo 6 Shake S > F (wheel slot 10) 168–199 Goob Effect S > F (wheel slot 11) 200–201 Open 202–219 CCW F > S 220–223 Stop 224–255 CW S > F

16 CHANNELS (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–0 Open (wheel slot 1) 1–9 Spot (wheel slot 2) 10–19 Gobo 1 (wheel slot 3) 20–29 Gobo 2 (wheel slot 4) 30–39 Gobo 3 (wheel slot 5) 40–49 Gobo 4 (wheel slot 6) 50–59 Gobo 5 (wheel slot 7) 60–69 Gobo 6 (wheel slot 8) 70–79 Gobo 7 (wheel slot 9) 80–89 Gobo 1 Shake S > F (wheel slot 3) 90–99 Gobo 2 Shake S > F (wheel slot 4) 100–109 Gobo 3 Shake S > F (wheel slot 5) 110–119 Gobo 4 Shake S > F (wheel slot 6) 120–129 Gobo 5 Shake S > F (wheel slot 7) 130–139 Gobo 6 Shake S > F (wheel slot 8) 140–149 Gobo 7 Shake S > F (wheel slot 9) 150–200 CCW F > S 201–255 CW S > F
9	Gobo Rotation 2	0	0–127 Index 128–190 CCW F > S 191–192 Stop Rotation 193–255 CW S > F
10	Prism	0	0–19 Open (wheel slot 1) 20–255 Prism (wheel slot 2)
11	Prism Rotation	0	0–127 Prism Index 128–187 CCW F > S 188–195 Stop Rotation 196–255 CW S > F
12	Frost1	0	0–127 Open 128–255 Frost
13	Zoom	127	
14	Focus	127	
15	Shutter1Strobe	255	0–31 Close 32–63 Open 64–95 Strobe S > F 96–127 Open 128–143 Strobe Fade In S > F 144–159 Strobe Fade Out S > F 160–191 Open 192–223 Strobe Random S > F 224–255 Open
16	Dimmer	0	

24 CHANNELS

24 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	

24 CHANNELS (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–139 No function 140–149 Reset XY 150–159 NoFeature 1 160–169 Reset Motors 170–199 NoFeature 2 200–209 Reset All 210–255 NoFeature 3
7	Color Wheel	125	125–129 White (wheel slot 1) 130–134 Red (wheel slot 2) 135–138 Blue (wheel slot 3) 139–143 Yellow (wheel slot 4) 144–147 Lime (wheel slot 5) 148–152 CTO (wheel slot 6) 153–157 Cyan (wheel slot 7) 158–161 Magenta (wheel slot 8) 162–166 Green (wheel slot 9) 167–255 Orange (wheel slot 10)
8	Color Wheel Fine	125	Fine byte of Color Wheel
9	No Feature	0	
10	Gobo	0	0–3 Open (wheel slot 1) 4–9 Reducer 1 (wheel slot 2) 10–15 Reducer 2 (wheel slot 3) 16–21 Reducer 3 (wheel slot 4) 22–27 Gobo 1 (wheel slot 5) 28–33 Gobo 2 (wheel slot 6) 34–39 Gobo 3 (wheel slot 7) 40–45 Gobo 4 (wheel slot 8) 46–51 Gobo 5 (wheel slot 9) 52–87 Gobo 6 (wheel slot 10) 88–95 Open Shake S > F (wheel slot 1) 96–103 Reducer 1 Shake S > F (wheel slot 2) 104–111 Reducer 2 Shake S > F (wheel slot 3) 112–119 Reducer 3 Shake S > F (wheel slot 4) 120–127 Gobo 1 Shake S > F (wheel slot 5) 128–135 Gobo 2 Shake S > F (wheel slot 6) 136–143 Gobo 3 Shake S > F (wheel slot 7) 144–151 Gobo 4 Shake S > F (wheel slot 8) 152–159 Gobo 5 Shake S > F (wheel slot 9) 160–167 Gobo 6 Shake S > F (wheel slot 10) 168–199 Goob Effect S > F (wheel slot 11) 200–201 Open 202–219 CCW F > S 220–223 Stop 224–255 CW S > F

24 CHANNELS (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–0 Open (wheel slot 1) 1–9 Spot (wheel slot 2) 10–19 Gobo 1 (wheel slot 3) 20–29 Gobo 2 (wheel slot 4) 30–39 Gobo 3 (wheel slot 5) 40–49 Gobo 4 (wheel slot 6) 50–59 Gobo 5 (wheel slot 7) 60–69 Gobo 6 (wheel slot 8) 70–79 Gobo 7 (wheel slot 9) 80–89 Gobo 1 Shake S > F (wheel slot 3) 90–99 Gobo 2 Shake S > F (wheel slot 4) 100–109 Gobo 3 Shake S > F (wheel slot 5) 110–119 Gobo 4 Shake S > F (wheel slot 6) 120–129 Gobo 5 Shake S > F (wheel slot 7) 130–139 Gobo 6 Shake S > F (wheel slot 8) 140–149 Gobo 7 Shake S > F (wheel slot 9) 150–200 CCW F > S 201–255 CW S > F
12	Gobo Rotation 2	0	0–127 Index 128–190 CCW F > S 191–192 Stop Rotation 193–255 CW S > F
13	No Feature	0	
14	Prism	0	0–19 Open (wheel slot 1) 20–255 Prism (wheel slot 2)
15	Prism Rotation	0	0–127 Prism Index 128–187 CCW F > S 188–195 Stop Rotation 196–255 CW S > F
16	Frost1	0	0–127 Open 128–255 Frost
17	Zoom	127	
18	Zoom Fine	127	Fine byte of Zoom
19	Focus	127	
20	No Feature	0	
21	No Feature	0	
22	Shutter1Strobe	255	0–31 Close 32–63 Open 64–95 Strobe S > F 96–127 Open 128–143 Strobe Fade In S > F 144–159 Strobe Fade Out S > F 160–191 Open 192–223 Strobe Random S > F 224–255 Open
23	Dimmer	0	
24	Dimmer Fine	0	Fine byte of Dimmer