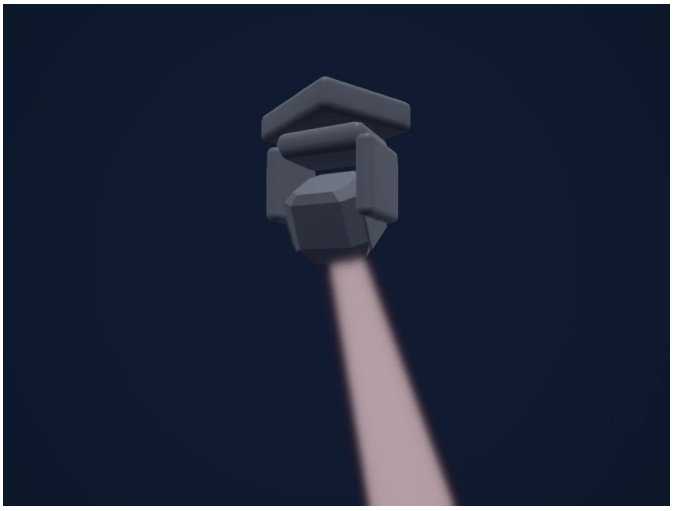
StairVille

MH-x60



Manufacturer	**StairVille**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**14 channels**
Beam angle	**13°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**260 × 70 × 270 mm**
GDTF fixture type	**87A90A3D-4B05-4A8F-BE53-26…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

14 channels — 14 ch

14 channels

14 channels

Ch	Function	Default	DMX values
1	Pan	128	0–127 Min 128–254 Home 255–255 Max
2	Tilt	128	0–127 Min 128–254 Home 255–255 Max
3	Pan Fine	0	Fine byte of Pan
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Normal 1–255 Fast to slow
6	Color Wheel	0	0–6 White / Open (wheel slot 1) 7–13 Yellow (wheel slot 2) 14–20 Pink (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Red (wheel slot 5) 35–41 Blue (wheel slot 6) 42–48 Kelly green (wheel slot 7) 49–55 Dark orange (wheel slot 8) 56–63 Dark blue (wheel slot 9) 64–70 White + Yellow (wheel slot 1) 71–77 Yellow + Pink (wheel slot 2) 78–84 Pink + Green (wheel slot 3) 85–91 Green + Red (wheel slot 4) 92–98 Red + Blue (wheel slot 5) 99–105 Blue + Kelly green (wheel slot 6) 106–112 Kelly green + Dark orange (wheel slot 7) 113–119 Dark orange + Dark blue (wheel slot 8) 120–127 Dark blue + White (wheel slot 9) 128–191 Positive rotation (increasing speed) 192–255 Negative rotation (increasing speed)
7	Shutter / Strobe	4	0–3 Closed (blackout) 4–7 Open 8–75 Strobe single · Slow 0.1–9.85 Hz 76–76 Strobe single · Fast 10 Hz 77–144 Strobe triple · Slow 0.1–6.9 Hz 145–145 Strobe triple · Fast 7 Hz 146–214 Strobe random · Slow 0.1–4.4 Hz 215–255 Strobe random · Fast 4.47–7 Hz
8	Dimmer	0	
9	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 2 (wheel slot 2) 16–23 Gobo 3 (wheel slot 3) 24–31 Gobo 4 (wheel slot 4) 32–39 Gobo 5 (wheel slot 5) 40–47 Gobo 6 (wheel slot 6) 48–55 Gobo 7 (wheel slot 7) 56–63 Gobo 8 (wheel slot 8) 64–71 Gobo 8 shake (increasing speed) (wheel slot 8) 72–79 Gobo 7 shake (increasing speed) (wheel slot 7) 80–87 Gobo 6 shake (increasing speed) (wheel slot 6) 88–95 Gobo 5 shake (increasing speed) (wheel slot 5) 96–103 Gobo 4 shake (increasing speed) (wheel slot 4) 104–111 Gobo 3 shake (increasing speed) (wheel slot 3) 112–119 Gobo 2 shake (increasing speed) (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 Rotation CCW 192–255 Rotation CC

14 channels (continued)

Ch	Function	Default	DMX values
10	Gobo Rotation	0	0–63 Gobo rotation fixing 64–147 Rotation CC 148–231 Rotation CCW 232–255 Gobo bouncing
11	Function	0	0–95 Reserved 96–103 Reset pan 104–111 Reset tilt 112–119 Reset colour wheel 120–127 Reset gobo wheel 128–135 Reset gobo rotation 136–143 Reset prism 144–151 Reset focus 152–159 Reset all channels 160–255 Reserved 1
12	Dummy	0	
13	Prism	0	0–7 Open (wheel slot 1) 8–12 Static prism (wheel slot 2) 13–130 Rotation CC 131–247 Rotation CCW 248–255 Static prism (wheel slot 2)
14	Focus	0	

Fixture model: gdtf-stairville-mh-x60-31348
Original in-house geometry authored by HitLight
Modifications: Original in-house geometry authored and reviewed by agent thread thr_mzwgs62x28; no third-party mesh or photographs emb…