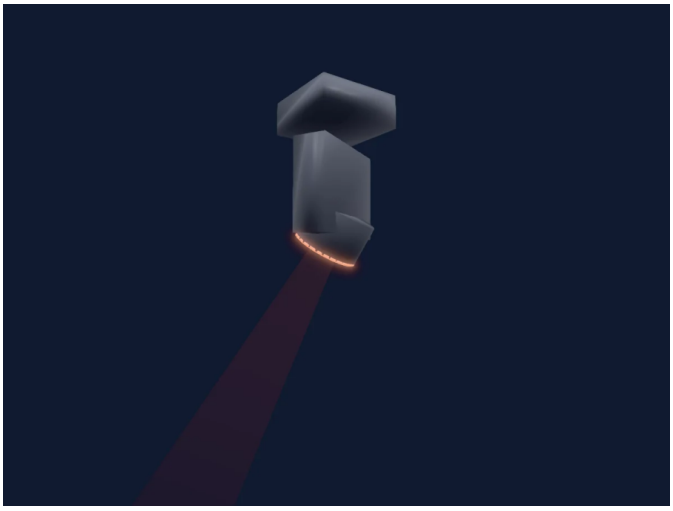
Martin Professional

RUSH MH 10



Manufacturer	**Martin Professional**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**24 channels**
Beam angle	**4-25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 150 × 240 mm**
GDTF fixture type	**62FF3EC7-1298-4718-8283-4AF…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Service functions

DMX modes

Default	24 ch

Default

24 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–31 Closed 32–63 Open 64–95 Strobe (Slow to Fast) 96–127 Ramp/Snap 128–159 Snap/Ramp 160–191 Pulse Effects 192–223 Random Strobe (Slow to Fast) 224–255 Open
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color RGBRed	0	
5	Color RGBGreen	0	
6	Color RGBBlue	0	
7	White	0	
8	Color Wheel	0	0–9 Open 10–14 LEE790 - Moroccan Pink 15–19 LEE157 - Pink 20–24 LEE332 - Special Rose Pink 25–29 LEE328 - Follies Pink 30–34 LEE345 - Fuchsia Pink 35–39 LEE194 - Surprise Pink 40–44 LEE181 - Congo Blue 45–49 LEE071 - Tokyo Blue 50–54 LEE120 - Deep Blue 55–59 LEE079 - Just Blue 60–64 LEE132 - Medium Blue 65–69 LEE200 - Double CT Blue 70–74 LEE0161 - Slate Blue 75–79 LEE0201 - Full CT Blue 80–84 LEE202 - Half CT Blue 85–89 LEE117 - Steel Blue 90–94 LEE353 - Lighter Blue 95–99 LEE118 - Light Blue 100–104 LEE116 - Medium Blue Green 105–109 LEE124 - Dark Green 110–114 LEE139 - Primary Green 115–119 LEE089 - Moss Green 120–124 LEE122 - Fern Green 125–129 LEE738 - JAS Green 130–134 LEE088 - Lime Green 135–139 LEE100 - Spring Yellow 140–144 LEE104 - Deep Amber 145–149 LEE179 - Chrome Orange 150–154 LEE105 - Orange 155–159 LEE021 - Gold Amber 160–164 LEE778 - Millennium Gold 165–169 LEE135 - Deep Golden Amber 170–174 LEE164 - Flame Red 175–179 Open 180–201 CW Fast to Slow 202–207 Stop 208–229 CCW Slow to Fast 230–234 Open 235–239 Fast 240–244 Medium 245–249 Slow 250–255 Open
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan

Default (continued)

Ch	Function	Default	DMX values
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt
13	Pan Rotate	0	0–2 Positioning Mode 3–126 CW Fast/Slow 127–129 Stop 130–253 CCW Slow/Fast 254–255 Stop
14	Tilt Rotate	0	0–2 Positioning Mode 3–126 CW Fast/Slow 127–129 Stop 130–253 CCW Slow/Fast 254–255 Stop
15	Function	0	0–9 No function (disables calibration) 10–14 Reset fixture 15–54 No function 55–59 Enable Calibration (5 sec) 60–64 Linear dimmer curve (1 sec) 65–69 Square law dimmer curve (1 sec) 70–74 Inverse square law dimmer curve (1 sec) 75–79 S-Curve dimmer curve (1 sec) 80–84 Pan/Tilt Speed Normal (1 sec) 85–89 Pan/Tilt Speed Smooth (1 sec) 90–94 Pixel FX Snap (1 sec) 95–99 Pixel FX Fade (1 sec) 100–144 No function 145–149 Auto-blackout on (1 sec) 150–154 Auto-blackout off (1 sec) 155–159 Turn On Fixture Display (1 sec) 160–164 Turn Off Fixture Display (1 sec) 165–169 Store Pan/Tilt Calibration (5 sec) 170–244 No function 245–249 Reset all calibration values to factory default (5 sec) 250–255 No function
16	Shutter / Strobe	0	0–31 Close 32–63 Open 64–95 Strobe Slow/Fast 96–127 Ramp/Snap 128–159 Snap/Ramp 160–191 Pulse Effects 192–223 Random Slow/Fast 224–255 Open
17	Dimmer	0	
18	Dimmer Fine	0	Fine byte of Dimmer
19	Color RGBRed	0	
20	Color RGBGreen	0	
21	Color RGBBlue	0	

Default (continued)

Ch	Function	Default	DMX values
22	Color Wheel	0	0–9 Open 10–14 LEE790 - Moroccan Pink 15–19 LEE157 - Pink 20–24 LEE332 - Special Rose Pink 25–29 LEE328 - Follies Pink 30–34 LEE345 - Fuchsia Pink 35–39 LEE194 - Surprise Pink 40–44 LEE181 - Congo Blue 45–49 LEE071 - Tokyo Blue 50–54 LEE120 - Deep Blue 55–59 LEE079 - Just Blue 60–64 LEE132 - Medium Blue 65–69 LEE200 - Double CT Blue 70–74 LEE0161 - Slate Blue 75–79 LEE0201 - Full CT Blue 80–84 LEE202 - Half CT Blue 85–89 LEE117 - Steel Blue 90–94 LEE353 - Lighter Blue 95–99 LEE118 - Light Blue 100–104 LEE116 - Medium Blue Green 105–109 LEE124 - Dark Green 110–114 LEE139 - Primary Green 115–119 LEE089 - Moss Green 120–124 LEE122 - Fern Green 125–129 LEE738 - JAS Green 130–134 LEE088 - Lime Green 135–139 LEE100 - Spring Yellow 140–144 LEE104 - Deep Amber 145–149 LEE179 - Chrome Orange 150–154 LEE105 - Orange 155–159 LEE021 - Gold Amber 160–164 LEE778 - Millennium Gold 165–169 LEE135 - Deep Golden Amber 170–174 LEE164 - Flame Red 175–179 Open 180–201 CW Fast to Slow 202–207 Stop 208–229 CCW Slow to Fast 230–234 Open 235–239 Fast 240–244 Medium 245–249 Slow 250–255 Open

Default (continued)

Ch	Function	Default	DMX values
23	Color Effects1	0	0–9 Open 10–20 Pixel chase CW 21–31 Pixel chase CCW 32–42 Pixel Bounce 43–53 Pixel Fill Horiz 54–64 Pixel Fill Vert 65–75 Dual Bounce 76–86 Pixel Wave Horiz 87–97 Pixel Wave Vert 98–108 Sparkle 109–119 Quarter Rotation CW 120–130 Quarter Rotation CCW 131–141 Eighths Rotation CW 142–152 Eighths Rotation CCW 153–163 White/Blue Flash 164–174 Split Rotation CW 175–185 Split Rotation CCW 186–196 Quarter Flip 197–207 Half Flip Vert 208–218 Half Flip Horiz 219–229 RGB color flash 230–240 Rainbow flash 241–251 Hot/Cold Flash 252–255 Open
24	Effect Speed	0	0–9 Open 10–255 Slow/Fast