Martin Professional

RUSH MH 5 Profile



Manufacturer	**Martin Professional**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**16 channels**
Beam angle	**14°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**3862539C-9833-5772-BC76-C1…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

16CH 16 ch

16CH

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–7 Off 8–15 Open 16–131 Strobe slow to fast 132–167 Fast close slow open 168–203 Slow close fast open 204–239 Pulse open and close 240–247 Random strobe 248–255 Open
4	Color Wheel	0	0–0 White (wheel slot 1) 1–14 Open to Red (wheel slot 1) 15–15 Red (wheel slot 2) 16–29 Red to Deep Blue (wheel slot 2) 30–30 Deep Blue (wheel slot 3) 31–44 Deep Blue to Lavender (wheel slot 3) 45–45 Lavender (wheel slot 4) 46–59 Lavender to Magenta (wheel slot 4) 60–60 Magenta (wheel slot 5) 61–74 Magenta to Yellow (wheel slot 5) 75–75 Yellow (wheel slot 6) 76–89 Yellow to Orange (wheel slot 6) 90–90 Orange (wheel slot 7) 91–104 Orange to Light Green (wheel slot 7) 105–105 Light Green (wheel slot 8) 106–119 Light Green to Light blue (wheel slot 8) 120–120 Light blue (wheel slot 9) 121–134 Light blue to White (wheel slot 9) 135–160 White (wheel slot 1) 161–163 Red (wheel slot 2) 164–166 Deep Blue (wheel slot 3) 167–169 Lavender (wheel slot 4) 170–172 Magenta (wheel slot 5) 173–175 Yellow (wheel slot 6) 176–178 Orange (wheel slot 7) 179–181 Light Green (wheel slot 8) 182–184 Light blue (wheel slot 9) 185–192 White (wheel slot 1) 193–214 Clockwise fast to slow 215–221 Stop 222–243 Counter-clockwise slow to fast 244–247 Random color fast 248–251 Random color medium 252–255 Random color slow

16CH (continued)

Ch	Function	Default	DMX values
5	Color Wheel 2	0	0–0 White (wheel slot 1) 1–14 Open to Pink (wheel slot 1) 15–15 Pink (wheel slot 2) 16–29 Pink to CTO3200K (wheel slot 2) 30–30 CTO3200K (wheel slot 3) 31–44 CTO3200K to UV Purple (wheel slot 3) 45–45 UV Purple (wheel slot 4) 46–59 UV Purple to Light Yellow (wheel slot 4) 60–60 Light Yellow (wheel slot 5) 61–74 Light Yellow to Green (wheel slot 5) 75–75 Green (wheel slot 6) 76–89 Green to Aquamarine (wheel slot 6) 90–90 Aquamarine (wheel slot 7) 91–104 Aquamarine to CTO5600K (wheel slot 7) 105–105 CTO5600K (wheel slot 8) 106–119 CTO5600K to Blue (wheel slot 8) 120–120 Blue (wheel slot 9) 121–134 Blue to White (wheel slot 9) 135–160 White (wheel slot 1) 161–163 Pink (wheel slot 2) 164–166 CTO3200K (wheel slot 3) 167–169 UV Purple (wheel slot 4) 170–172 Light Yellow (wheel slot 5) 173–175 Green (wheel slot 6) 176–178 Aquamarine (wheel slot 7) 179–181 CTO5600K (wheel slot 8) 182–184 Blue (wheel slot 9) 185–192 White (wheel slot 1) 193–214 Clockwise fast to slow 215–221 Stop 222–243 Counter-clockwise slow to fast 244–247 Random color fast 248–251 Random color medium 252–255 Random color slow
6	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo1 (wheel slot 2) 10–14 Gobo2 (wheel slot 3) 15–19 Gobo3 (wheel slot 4) 20–24 Gobo4 (wheel slot 5) 25–29 Gobo5 (wheel slot 6) 30–34 Gobo6 (wheel slot 7) 35–39 Gobo1 (wheel slot 2) 40–44 Gobo2 (wheel slot 3) 45–49 Gobo3 (wheel slot 4) 50–54 Gobo4 (wheel slot 5) 55–59 Gobo5 (wheel slot 6) 60–64 Gobo6 (wheel slot 7) 65–88 Gobo1 shake (wheel slot 2) 89–112 Gobo2 shake (wheel slot 3) 113–136 Gobo3 shake (wheel slot 4) 137–160 Gobo4 shake (wheel slot 5) 161–184 Gobo5 shake (wheel slot 6) 185–208 Gobo6 shake (wheel slot 7) 209–209 No function 210–232 Clockwise fast to slow 233–255 Counter clockwise slow to fast
7	Gobo Rotation	0	0–2 Indexed position0 to180deg 3–126 Clockwise rotation fast to slow 127–129 Stop 130–253 Counter-clockwise rotation slow to fast 254–255 Stop

16CH (continued)

Ch	Function	Default	DMX values
8	Gobo 2	0	0–0 Open (wheel slot 1) 1–14 Open to Gobo1 (wheel slot 1) 15–15 Gobo1 (wheel slot 2) 16–29 Gobo1 to Gobo2 (wheel slot 2) 30–30 Gobo2 (wheel slot 3) 31–44 Gobo2 to Gobo3 (wheel slot 3) 45–45 Gobo3 (wheel slot 4) 46–59 Gobo3 to Gobo4 (wheel slot 4) 60–60 Gobo4 (wheel slot 5) 61–74 Gobo4 to Gobo5 (wheel slot 5) 75–75 Gobo5 (wheel slot 6) 76–89 Gobo5 to Gobo6 (wheel slot 6) 90–90 Gobo6 (wheel slot 7) 91–104 Gobo6 to Gobo7 (wheel slot 7) 105–105 Gobo7 (wheel slot 8) 106–119 Gobo7 to Open (wheel slot 8) 120–160 Open (wheel slot 1) 161–163 Gobo1 (wheel slot 2) 164–166 Gobo2 (wheel slot 3) 167–169 Gobo3 (wheel slot 4) 170–172 Gobo4 (wheel slot 5) 173–175 Gobo5 (wheel slot 6) 176–178 Gobo6 (wheel slot 7) 179–181 Gobo7 (wheel slot 8) 182–192 Open (wheel slot 1) 193–214 Clockwise fast to slow 215–221 Stop 222–243 Counter-clockwise slow to fast 244–247 Random gobo fast 248–251 Random gobo medium 252–255 Random gobo slow
9	Prism	0	0–10 Open (wheel slot 1) 11–255 3facet prism (wheel slot 2)
10	Prism Rotation	0	0–2 Prism out 3–126 Clockwise rotation fast to slow 127–129 Stop 130–253 Counter-clockwise rotation slow to fast 254–255 Stop
11	Focus	0	
12	Pan	128	
13	Pan Fine	0	Fine byte of Pan
14	Tilt	128	
15	Tilt Fine	0	Fine byte of Tilt

16CH (continued)

Ch	Function	Default	DMX values
16	No Feature	0	0–9 No function 10–14 Reset all 15–19 Reset color 20–24 Reset gobo 25–29 Reset focus 30–34 Reset prism 35–39 Reset pan tilt 40–54 No function 55–59 Enable calibration 60–79 No function 80–84 Pan tilt speed Normal 85–89 Pan tilt speed Fast default setting 90–94 Pan tilt speed Slow 95–99 Parameter shortcuts On default setting 100–104 Parameter shortcuts Off 105–144 No function 145–149 Blackout during pan tilt movement On 150–154 Blackout during pan tilt movement Off default sett… 155–159 Illuminate control panel display 160–164 Turn off control panel display 165–194 No function 195–199 Store color wheel1 calibration 200–204 Store color wheel2 calibration 205–209 Store gobo wheel1 wheel calibration 210–214 Store gobo wheel1 gobo calibration 215–219 Store gobo wheel2 calibration 220–224 Store focus calibration 225–229 Store prism calibration 230–234 Store prism rotation calibration 235–239 Store pan calibration 240–244 Store tilt calibration 245–249 Reset all calibration settings to factory defaults 250–255 No function

Fixture model: gdtf-martin-professional-rush-mh-5-profile-2000060104
Original HitLight local primitive reconstruction from primary Martin manual/drawing/photos. Exterior contour,small fittings and factory rest po…
Creator: HitLight