Martin Professional

Rush MH3 Beam



Manufacturer	**Martin Professional**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**19 channels**
Beam angle	**1-3.8°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**221 × 278 × 200 mm**
GDTF fixture type	**B904AAB9-70FE-45A3-8AE4-AE...**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Standard 19 ch

Standard

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–254 max Speed 255–255 min Speed
6	Function	0	30–39 dimmer conventional 40–49 dimer linear 50–59 P/T fast 60–69 P/T normal 70–79 P/T MIB enable 80–89 P/T MIB disable 90–99 Color MIB enable 100–109 Color MIB disable 110–119 Gobo MIB enable 120–129 Gobo MIB disable 130–139 Lamp On 140–149 P/T reset 150–159 Color reset 160–169 Gobo reset 170–189 Shutter+prism reset 190–199 Focus+zoom reset 200–209 Reset all 210–219 Total MIB enable 220–229 Total MIB disable 230–255 lamp off
7	Position Effect	0	0–7 Position Macros off 8–15 Position Macro 1 16–23 Position Macro 2 24–31 Position Macro 3 32–39 Position Macro 4 40–47 Position Macro 5 48–55 Position Macro 6 56–63 Position Macro 7 64–71 Position Macro 8 72–79 Position Macro 9 80–87 Position Macro 10 88–95 Position Macro 11 96–103 Position Macro 12 104–111 Position Macro 13 112–119 Position Macro 14 120–127 Position Macro 15 128–135 Position Macro 16 136–143 Position Macro 17 144–151 Position Macro 18 152–159 Position Macro 19 160–167 Position Macro 20 168–175 Position Macro 21 176–183 Position Macro 22 184–191 Position Macro 23 192–199 Position Macro 24 200–207 Position Macro 25 208–215 Position Macro 26 216–223 Position Macro 27 224–231 Position Macro 28 232–239 Position Macro 29 240–247 Position Macro 30 248–255 Position Macro 31
8	Position Effect Rate	0	0–254 max MacroRate 255–255 min MacroRate

Standard (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–2 open (wheel slot 1) 3–4 open/red (wheel slot 1) 5–6 red (wheel slot 2) 7–8 red/yellow (wheel slot 2) 9–10 yellow (wheel slot 3) 11–12 yellow/blue (wheel slot 3) 13–14 blue (wheel slot 4) 15–16 blue/blue green (wheel slot 4) 17–18 blue green (wheel slot 5) 19–21 blue green/green (wheel slot 5) 22–23 green (wheel slot 6) 24–25 green/light blue (wheel slot 6) 26–27 light blue (wheel slot 7) 28–29 light blue/light pink (wheel slot 7) 30–31 light pink (wheel slot 8) 32–33 light pink/yellow green (wheel slot 8) 34–35 yellow green (wheel slot 9) 36–37 yellow green/dark pink (wheel slot 9) 38–39 dark pink (wheel slot 10) 40–42 dark pink/blue (wheel slot 10) 43–44 blue 2 (wheel slot 11) 45–46 blue 2/light yellow (wheel slot 11) 47–48 light yellow (wheel slot 12) 49–50 light yellow/off white (wheel slot 12) 51–52 off white (wheel slot 13) 53–54 off white/light blue 2 (wheel slot 13) 55–56 light blue 2 (wheel slot 14) 57–58 light blue/dark blue (wheel slot 14) 59–60 dark blue (wheel slot 15) 61–63 dark blue/open (wheel slot 15) 64–127 Color wheel indexing (wheel slot 1) 128–189 Clockwise rot F>S 190–193 stop 194–255 Counter-clockwise rotation S>F

Standard (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 open (wheel slot 1) 4–6 gobo 1 (wheel slot 2) 7–9 gobo 2 (wheel slot 3) 10–12 gobo 3 (wheel slot 4) 13–15 gobo 4 (wheel slot 5) 16–18 gobo 5 (wheel slot 6) 19–21 gobo 6 (wheel slot 7) 22–24 gobo 7 (wheel slot 8) 25–27 gobo 8 (wheel slot 9) 28–30 gobo 9 (wheel slot 10) 31–33 gobo 10 (wheel slot 11) 34–36 gobo 11 (wheel slot 12) 37–39 gobo 12 (wheel slot 13) 40–42 gobo 13 (wheel slot 14) 43–45 gobo 14 (wheel slot 15) 46–48 gobo 15 (wheel slot 16) 49–51 gobo 16 (wheel slot 17) 52–55 gobo 17 (wheel slot 18) 56–59 open (wheel slot 1) 60–63 gobo 1 shake (wheel slot 2) 64–67 gobo 2 shake (wheel slot 3) 68–71 gobo 3 shake (wheel slot 4) 72–75 gobo 4 shake (wheel slot 5) 76–79 gobo 5 shake (wheel slot 6) 80–83 gobo 6 shake (wheel slot 7) 84–87 gobo 7 shake (wheel slot 8) 88–91 gobo 8 shake (wheel slot 9) 92–95 gobo 9 shake (wheel slot 10) 96–99 gobo 10 shake (wheel slot 11) 100–103 gobo 11 shake (wheel slot 12) 104–107 gobo 12 shake (wheel slot 13) 108–111 gobo 13 shake (wheel slot 14) 112–115 gobo 14 shake (wheel slot 15) 116–119 gobo 15 shake (wheel slot 16) 120–123 gobo 16 shake (wheel slot 17) 124–127 gobo 17 shake (wheel slot 18) 128–189 Counter-clockwise F>S 190–193 stop 194–255 Clockwise S>F
11	Prism	0	8–127 prism 128–255 prism effect
12	Prism	0	0–127 indexing 128–189 Clockwise F>S 190–193 stop 194–255 Counter-clockwise S>F
13	Prism Fine	0	Fine byte of Prism
14	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
15	Focus	128	0–254 near Focus 255–255 far Focus
16	Frost1	0	0–254 min Frost 255–255 max Frost

Standard (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	255	0–7 closed 8–15 open 16–131 Strobe S>F 132–167 Ramp Up 168–203 Ramp Down 204–239 Pulse 240–247 Random 248–255 open
18	Dimmer	0	0–254 closed 255–255 open
19	Dimmer Fine	0	Fine byte of Dimmer