Martin Professional

RUSH MH 1 Profile



Manufacturer	**Martin Professional**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**17 channels**
Beam angle	**13°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**057D7898-E9FD-582F-AE17-4D…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

17-channel 17 ch

17-channel

17 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	255	0–254 Pan tilt speed, fast to slow 255–255 Disabled speed limiting, fastest
6	Dimmer	0	
7	Shutter / Strobe	8	0–7 Closed shutter (manual: Off) 8–15 Open 16–131 Strobe, slow to fast 132–139 Open 140–181 Pulse, fast close and slow open 182–189 Open 190–231 Pulse, slow close and fast open 232–239 Open 240–247 Random strobe 248–255 Open
8	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Light blue (wheel slot 2) 16–23 Green (wheel slot 3) 24–31 Orange (wheel slot 4) 32–39 Yellow (wheel slot 5) 40–47 Magenta (wheel slot 6) 48–55 Dark blue (wheel slot 7) 56–63 Red (wheel slot 8) 64–127 Wheel indexing 128–189 Wheel rotation clockwise, fast to slow 190–193 Stop 194–255 Wheel rotation counter-clockwise, slow to fast
9	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–15 Pink (wheel slot 2) 16–23 CTO 3200 K (wheel slot 3) 24–31 Purple (wheel slot 4) 32–39 Yellow (wheel slot 5) 40–47 Green (wheel slot 6) 48–55 CTO 5600 K (wheel slot 7) 56–63 Blue (wheel slot 8) 64–127 Wheel indexing 128–189 Wheel rotation clockwise, fast to slow 190–193 Stop 194–255 Wheel rotation counter-clockwise, slow to fast
10	Gobo	0	0–7 Open (wheel slot 1) 8–15 Rotating gobo 1 (wheel slot 2) 16–23 Rotating gobo 2 (wheel slot 3) 24–31 Rotating gobo 3 (wheel slot 4) 32–39 Rotating gobo 4 (wheel slot 5) 40–47 Rotating gobo 5 (wheel slot 6) 48–55 Rotating gobo 6 (wheel slot 7) 56–63 Rotating gobo 7 (wheel slot 8) 64–73 Rotating gobo 1 shake (wheel slot 2) 74–82 Rotating gobo 2 shake (wheel slot 3) 83–91 Rotating gobo 3 shake (wheel slot 4) 92–100 Rotating gobo 4 shake (wheel slot 5) 101–109 Rotating gobo 5 shake (wheel slot 6) 110–118 Rotating gobo 6 shake (wheel slot 7) 119–127 Rotating gobo 7 shake (wheel slot 8) 128–189 Wheel rotation clockwise, fast to slow 190–193 Stop 194–255 Wheel rotation counter-clockwise, slow to fast

17-channel (continued)

Ch	Function	Default	DMX values
11	Gobo Rotation	0	0–127 Indexed position, 0-360 degrees 128–189 Rotation clockwise, fast to slow 190–193 Stop 194–255 Rotation counter-clockwise, slow to fast
12	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Fixed gobo 1 (wheel slot 2) 15–21 Fixed gobo 2 (wheel slot 3) 22–28 Fixed gobo 3 (wheel slot 4) 29–35 Fixed gobo 4 (wheel slot 5) 36–42 Fixed gobo 5 (wheel slot 6) 43–49 Fixed gobo 6 (wheel slot 7) 50–56 Fixed gobo 7 (wheel slot 8) 57–63 Fixed gobo 8 (wheel slot 9) 64–71 Fixed gobo 1 shake (wheel slot 2) 72–79 Fixed gobo 2 shake (wheel slot 3) 80–87 Fixed gobo 3 shake (wheel slot 4) 88–95 Fixed gobo 4 shake (wheel slot 5) 96–103 Fixed gobo 5 shake (wheel slot 6) 104–111 Fixed gobo 6 shake (wheel slot 7) 112–119 Fixed gobo 7 shake (wheel slot 8) 120–127 Fixed gobo 8 shake (wheel slot 9) 128–189 Wheel rotation counter-clockwise, fast to slow 190–193 Stop 194–255 Wheel rotation clockwise, slow to fast
13	Prism	0	0–127 Open, no prism effect 128–255 3-facet prism
14	Prism Rotation	0	0–127 Indexed position, 0-360 degrees 128–189 Rotation clockwise, fast to slow 190–193 Stop 194–255 Rotation counter-clockwise, slow to fast
15	Iris1	0	
16	Focus	0	
17	Control1	0	0–69 No function 70–79 Blackout during pan and tilt 80–89 Disable blackout during pan and tilt 90–99 Blackout during color change 100–109 Disable blackout during color change 110–119 Blackout during gobo change 120–129 Disable blackout during gobo change 130–139 No function 140–149 Pan and tilt reset 150–159 Color reset 160–169 Gobo reset 170–179 No function 180–189 Focus reset 190–199 No function 200–209 Reset all 210–219 Blackout during pan, tilt, color or gobo change 220–229 Disable blackout during pan, tilt, color or gobo ch… 230–255 No function

Fixture model: gdtf-martin-professional-rush-mh-1-profile-900000002
Martin Professional RUSH MH 1 Profile manufacturer CAD
Modifications: Converted from 3DS to GLB, split into base/yoke/head/lens, recentered at the manufacturer CAD pivots, and embedded in the au…