Martin Professional

MH4 Beam



Manufacturer	**Martin Professional**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**13 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**189 × 277 × 189 mm**
GDTF fixture type	**6F1797DD-9E94-43C9-BEF3-08…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions · Strobe

DMX modes

13ch 13 ch

13ch

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	255	0–7 Closed 8–15 Open 16–73 Strobe Slow 74–130 Strobe Med 131–131 Strobe Fast 132–167 Pulse Open 168–203 Pulse Close 204–239 Pulse 240–247 Strobe Random 248–255 Open

13ch (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–0 Open (wheel slot 1) 1–10 Open+Red (wheel slot 1) 11–11 Red (wheel slot 2) 12–21 Red+Amber (wheel slot 2) 22–22 Amber (wheel slot 3) 23–32 Amb+Blue (wheel slot 3) 33–33 Blue (wheel slot 4) 34–43 Blue+Green (wheel slot 4) 44–44 Green (wheel slot 5) 45–54 Green+LGreen (wheel slot 5) 55–55 Light Green (wheel slot 6) 56–65 LGreen+Lav (wheel slot 6) 66–66 Lavender (wheel slot 7) 67–76 Lav+Pink (wheel slot 7) 77–77 Pink (wheel slot 8) 78–87 Pink+LYellow (wheel slot 8) 88–88 Light Yellow (wheel slot 9) 89–98 LYellow+Mag (wheel slot 9) 99–99 Magenta (wheel slot 10) 100–109 Mag+DBlue (wheel slot 10) 110–110 Deep Blue (wheel slot 11) 111–120 DBlue+Yellow (wheel slot 11) 121–121 Yellow (wheel slot 12) 122–131 Yellow+CTO (wheel slot 12) 132–132 CTO (wheel slot 13) 133–142 CTO+CTB (wheel slot 13) 143–143 CTB (wheel slot 14) 144–153 CTB+Violet (wheel slot 14) 154–154 Violet (wheel slot 15) 155–159 Violet+Open (wheel slot 15) 160–160 Open (wheel slot 16) 161–162 Red (wheel slot 1) 163–164 Amber (wheel slot 2) 165–166 Blue (wheel slot 3) 167–168 Green (wheel slot 4) 169–170 Light Green (wheel slot 5) 171–172 Lavender (wheel slot 6) 173–174 Pink (wheel slot 7) 175–176 Light Yellow (wheel slot 8) 177–178 Magenta (wheel slot 9) 179–180 Deep Blue (wheel slot 10) 181–182 Yellow (wheel slot 11) 183–184 CTO (wheel slot 12) 185–186 CTB (wheel slot 13) 187–188 Violet (wheel slot 14) 189–192 Open (wheel slot 15) 193–203 CW Max 204–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–247 Fast 248–251 Med 252–255 Slow

13ch (continued)

Ch	Function	Default	DMX values
5	Gobo	0	0–0 Open (wheel slot 1) 1–8 Open+G1 (wheel slot 1) 9–9 G1 (wheel slot 2) 10–17 G1+G2 (wheel slot 2) 18–18 G2 (wheel slot 3) 19–26 G2+G3 (wheel slot 3) 27–27 G3 (wheel slot 4) 28–35 G3+G4 (wheel slot 4) 36–36 G4 (wheel slot 5) 37–44 G4+G5 (wheel slot 5) 45–45 G5 (wheel slot 6) 46–53 G5+G6 (wheel slot 6) 54–54 G6 (wheel slot 7) 55–62 G6+G7 (wheel slot 7) 63–63 G7 (wheel slot 8) 64–71 G7+G8 (wheel slot 8) 72–72 G8 (wheel slot 9) 73–80 G8+G9 (wheel slot 9) 81–81 G9 (wheel slot 10) 82–89 G9+G10 (wheel slot 10) 90–90 G10 (wheel slot 11) 91–98 G10+G11 (wheel slot 11) 99–99 G11 (wheel slot 12) 100–107 G11+G12 (wheel slot 12) 108–108 G12 (wheel slot 13) 109–116 G12+G13 (wheel slot 13) 117–117 G13 (wheel slot 14) 118–125 G13+G14 (wheel slot 14) 126–126 G14 (wheel slot 15) 127–134 G14+G15 (wheel slot 15) 135–135 G15 (wheel slot 16) 136–143 G15+G16 (wheel slot 16) 144–144 G16 (wheel slot 17) 145–152 G16+G17 (wheel slot 17) 153–153 G17 (wheel slot 18) 154–156 G17+Open (wheel slot 18) 157–158 Gobo 1 (wheel slot 2) 159–160 Gobo 2 (wheel slot 3) 161–162 Gobo 3 (wheel slot 4) 163–164 Gobo 4 (wheel slot 5) 165–166 Gobo 5 (wheel slot 6) 167–168 Gobo 6 (wheel slot 7) 169–170 Gobo 7 (wheel slot 8) 171–172 Gobo 8 (wheel slot 9) 173–174 Gobo 9 (wheel slot 10) 175–176 Gobo 10 (wheel slot 11) 177–178 Gobo 11 (wheel slot 12) 179–180 Gobo 12 (wheel slot 13) 181–182 Gobo 13 (wheel slot 14) 183–184 Gobo 14 (wheel slot 15) 185–186 Gobo 15 (wheel slot 16) 187–188 Gobo 16 (wheel slot 17) 189–190 Gobo 17 (wheel slot 18) 191–192 Open (wheel slot 1) 193–203 CW Fast 204–213 CW Med 214–214 CW Slow 215–221 Stop 222–232 CCW Slow 233–242 CCW Med 243–243 CCW Fast 244–247 Fast 248–251 Med 252–255 Slow

13ch (continued)

Ch	Function	Default	DMX values
6	Prism	0	0–10 Open 11–138 Prism Indexing (wheel slot 2) 139–255 Prism Rotation (wheel slot 2)
7	Prism Rotation	128	0–2 Min 3–64 CW Fast 65–125 CW Med 126–126 CW Slow 127–127 Stop 128–129 Center 130–191 CCW Slow 192–252 CCW Med 253–254 CCW Fast 255–255 Max
8	Focus	128	0–127 Far 128–254 Med 255–255 Near
9	Pan	127	
10	Pan Fine	255	Fine byte of Pan
11	Tilt	127	
12	Tilt Fine	255	Fine byte of Tilt
13	Control1	250	0–9 Disable Calibration 10–14 Reset All 15–19 Reset Dimmer 20–24 Reset Color 25–29 Reset Gobos 30–34 Reset PT 35–39 Reset Focus 40–44 Lamp On 45–49 Lamp Off 50–54 NoFeature 1 55–59 Enable Calibration 60–79 NoFeature 2 80–84 PT Normal 85–89 PT Fast 90–94 PT Slow 95–99 Shortcuts On 100–104 Shortcuts Off 105–144 NoFeature 3 145–149 Auto BO On 150–154 Auto BO Off 155–159 Display On 160–164 Display Off 165–209 NoFeature 4 210–214 Store Dimmer 215–219 Store Gobo 220–224 Store Focus 225–229 Store Color 230–234 Store Prism 235–239 Store Pan 240–244 Store Tilt 245–249 Factory Defaults 250–255 NoFeature 5