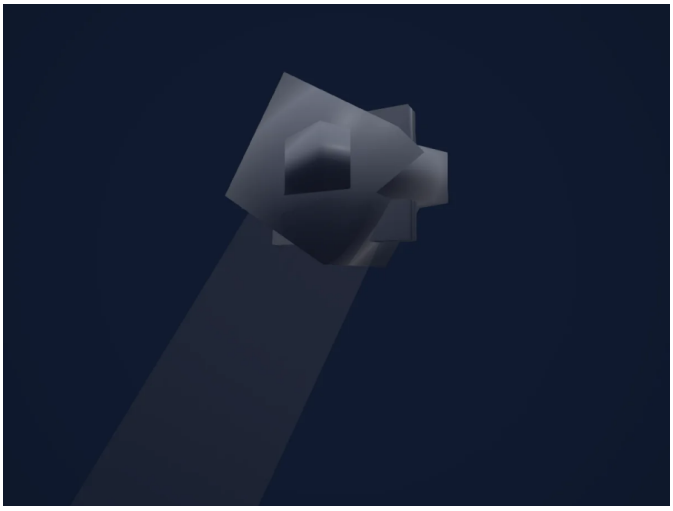
Martin

Mac 250 Entour



Manufacturer	**Martin**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**18 channels**
Beam angle	**14°**
Pan range	**540°**
Tilt range	**258°**
Size (W × H × D)	**300 × 250 × 250 mm**
GDTF fixture type	**6AFA176E-7933-5DA5-BEEF-D0…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Built-in effect programmes

DMX modes

16 bit Extended — 18 ch

16 bit Extended

18 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	34	0–19 closed 20–49 open 50–71 max Strobe 72–72 min Strobe 73–79 open (2) 80–98 max Pulse Open 99–99 min Pulse Open 100–118 max Pulse Close 119–119 min Pulse Close 120–127 open (3) 128–147 STROBE_RANDOM · max Rnd 148–167 STROBE_RANDOM · Rnd 50% 168–187 STROBE_RANDOM · min Rnd 188–190 open (4) 191–193 max Rnd Pulse Open 194–196 min Rnd Pulse Open 197–199 max Rnd Pulse Close 200–202 min Rnd Pulse Close 203–207 open (5) 208–217 Reset 218–227 open (6) 228–237 Lamp On 238–247 open (7) 248–255 Lamp Off
2	Dimmer	0	0–254 closed 255–255 open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Wheel	0	0–5 open (wheel slot 1) 6–16 CTC (wheel slot 2) 17–27 yellow 603 (wheel slot 3) 28–38 blue 104 (wheel slot 4) 39–49 pink 312 (wheel slot 5) 50–60 green 206 (wheel slot 6) 61–71 blue 108 (wheel slot 7) 72–82 red 301 (wheel slot 8) 83–93 magenta 507 (wheel slot 9) 94–104 blue 101 (wheel slot 10) 105–115 orange 306 (wheel slot 11) 116–126 dark green (wheel slot 12) 127–137 purple 502 (wheel slot 13) 138–143 open (2) (wheel slot 1) 144–155 UNKNOWN 156–159 open (3) (wheel slot 1) 160–163 CTC (2) (wheel slot 2) 164–167 yellow 603 (2) (wheel slot 3) 168–171 blue 104 (2) (wheel slot 4) 172–175 pink 312 (2) (wheel slot 5) 176–179 green 206 (2) (wheel slot 6) 180–183 blue 108 (2) (wheel slot 7) 184–187 red 301 (2) (wheel slot 8) 188–191 magenta 507 (2) (wheel slot 9) 192–195 blue 101 (2) (wheel slot 10) 196–199 orange 306 (2) (wheel slot 11) 200–203 dark green (2) (wheel slot 12) 204–207 purple 502 (2) (wheel slot 13) 208–226 >>> 227–244 stop 245–245 <<< 246–248 max Rnd 249–251 Rnd 50% 252–255 min Rnd

16 bit Extended (continued)

Ch	Function	Default	DMX values
5	Color Wheel Fine	0	Fine byte of Color Wheel
6	Gobo	0	0–4 open (wheel slot 1) 5–10 eclipse (wheel slot 2) 11–15 fat bar (wheel slot 3) 16–20 fan (wheel slot 4) 21–25 happy yins (wheel slot 5) 26–30 twisted triangle (wheel slot 6) 31–35 splash (wheel slot 7) 36–42 aflobet (wheel slot 8) 43–50 open<> (wheel slot 1) 51–58 eclipse<> (wheel slot 2) 59–65 fat bar<> (wheel slot 3) 66–73 fan<> (wheel slot 4) 74–81 happy yins<> (wheel slot 5) 82–89 twisted triangle<> (wheel slot 6) 90–96 splash<> (wheel slot 7) 97–104 aflobet<> (wheel slot 8) 105–119 aflobet<>* (wheel slot 8) 120–134 splash<>* (wheel slot 7) 135–149 twisted triangle<>* (wheel slot 6) 150–164 happy yins<>* (wheel slot 5) 165–179 fan<>* (wheel slot 4) 180–194 fat bar<>* (wheel slot 3) 195–209 eclipse<>* (wheel slot 2) 210–231 Spin 1..100% 232–232 >>> 233–233 <<< 234–255 Spin -100..-1%
7	Gobo Rotation	0	0–2 zero 3–126 Rotate 1..100% 127–127 >>> 128–252 <<< 253–254 stop (2) 255–255 max CW
8	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

16 bit Extended (continued)

Ch	Function	Default	DMX values
9	Gobo 2	0	0–7 open (wheel slot 1) 8–15 oriental fire (wheel slot 2) 16–23 wiggles (wheel slot 3) 24–31 pear drops (wheel slot 4) 32–39 brush strokes (wheel slot 5) 40–47 lashes (wheel slot 6) 48–55 splash (wheel slot 7) 56–63 crazed (wheel slot 8) 64–71 dibs (wheel slot 9) 72–79 sharp breakup (wheel slot 10) 80–87 zeds a leaping (wheel slot 11) 88–95 open (2) (wheel slot 1) 96–105 zeds a leaping* (wheel slot 11) 106–115 sharp breakup* (wheel slot 10) 116–125 dibs* (wheel slot 9) 126–135 crazed* (wheel slot 8) 136–145 splash* (wheel slot 7) 146–155 lashes* (wheel slot 6) 156–165 brush strokes* (wheel slot 5) 166–175 pear drops* (wheel slot 4) 176–185 wiggles* (wheel slot 3) 186–195 oriental fire* (wheel slot 2) 196–205 open* (wheel slot 1) 206–229 Spin2 1..100% 230–230 >>> 231–231 <<< 232–255 Spin2 -100..-1%
10	Focus	128	0–254 max Focus 255–255 min Focus
11	Focus Fine	0	Fine byte of Focus
12	Effect	0	0–19 open (wheel slot 1) 20–79 <<< 80–89 3 facet prism (wheel slot 2) 90–148 Rotate 1..100% 149–149 >>> 150–215 stop 216–220 Prism/gobo Macro 1 221–225 Prism/gobo Macro 2 226–230 Prism/gobo Macro 3 231–235 Prism/gobo Macro 4 236–240 Prism/gobo Macro 5 241–245 Prism/gobo Macro 6 246–250 Prism/gobo Macro 7 251–255 Prism/gobo Macro 8
13	Pan	128	
14	Pan Fine	0	Fine byte of Pan
15	Tilt	128	
16	Tilt Fine	0	Fine byte of Tilt
17	Position MSpeed	0	0–2 Track 100% 3–244 Track 100..1% 245–245 min Track 246–248 Track 100% (2) 249–251 off 252–255 on

16 bit Extended (continued)

Ch	Function	Default	DMX values
18	Intensity MSpeed	0	0–2 Track 100% 3–244 Track 100..1% 245–245 min Track 246–248 off 249–251 on 252–255 on (2)