Martin

MAC 250 Wash



Manufacturer	**Martin**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**13, 19 channels**
Beam angle	**9.1°**
Pan range	**540°**
Tilt range	**257°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**074086A9-7E74-516A-9C89-E8…**

Controls

Frost · CMY colour mixing · Colour wheel · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16-bit mode	13 ch
16-bit Extended mode	19 ch

16-bit mode

13 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–72 Strobe, fast slow 14–1 Hz 73–79 Shutter open 80–99 Opening pulse, fast slow 100–119 Closing pulse, fast slow 120–127 Shutter open 128–147 Random strobe, fast 148–167 Random strobe, medium 168–187 Random strobe, slow 188–190 Shutter open 191–193 Random opening pulse, fast 194–196 Random opening pulse, slow 197–199 Random closing pulse, fast 200–202 Random closing pulse, slow 203–207 Shutter open 208–217 Reset fixture 218–227 Shutter open 228–237 Lamp on 238–247 Shutter open 248–255 Lamp off
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–0 White (open) (wheel slot 1) 1–26 White CTC 5500-2900 K (wheel slot 1) 27–51 CTC 5500-2900 K Pink 312 (wheel slot 2) 52–77 Pink 312 UV (wheel slot 3) 78–102 UV Red 308 (wheel slot 4) 103–128 Red 308 Green 206 (wheel slot 5) 129–152 Green 206 Blue 108 (wheel slot 6) 153–179 Blue 108 White (open) (wheel slot 7) 180–183 Blue 108 (wheel slot 7) 184–187 Green 206 (wheel slot 6) 188–191 Red 308 (wheel slot 5) 192–195 UV (wheel slot 4) 196–199 Pink 312 (wheel slot 3) 200–203 CTC 5500-2900 K (wheel slot 2) 204–207 White (open) (wheel slot 1) 208–226 Continuous rotation clockwise, fast slow 227–245 Continuous rotation counterclockwise, slow fast 246–248 Random CMY color, fast 249–251 Random CMY color, medium 252–255 Random CMY color, slow
7	Frost1	0	
8	Pan	128	
9	Pan Fine	0	Fine byte of Pan
10	Tilt	128	
11	Tilt Fine	0	Fine byte of Tilt
12	Position MSpeed	0	0–2 Tracking 3–242 Fast slow 243–245 Tracking (overrides control menu, option 1) 246–248 Tracking (overrides control menu, option 2) 249–251 Tracking (overrides control menu, option 3) 252–255 Blackout while moving

16-bit mode (continued)

Ch	Function	Default	DMX values
13	Global MSpeed	0	0–2 Tracking mode 3–245 Vector speed, fast slow 246–248 Tracking (overrides control menu, option 1) 249–251 Tracking (overrides control menu, option 2) 252–255 Vector speed, fast (dimmer, CMY filters, frost); blac…

16-bit Extended mode

19 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–72 Strobe, fast slow 14–1 Hz 73–79 Shutter open 80–99 Opening pulse, fast slow 100–119 Closing pulse, fast slow 120–127 Shutter open 128–147 Random strobe, fast 148–167 Random strobe, medium 168–187 Random strobe, slow 188–190 Shutter open 191–193 Random opening pulse, fast 194–196 Random opening pulse, slow 197–199 Random closing pulse, fast 200–202 Random closing pulse, slow 203–207 Shutter open 208–217 Reset fixture 218–227 Shutter open 228–237 Lamp on 238–247 Shutter open 248–255 Lamp off
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Cyan Fine	0	Fine byte of Cyan
6	Magenta	0	
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	Color Wheel	0	0–0 White (open) (wheel slot 1) 1–26 White CTC 5500-2900 K (wheel slot 1) 27–51 CTC 5500-2900 K Pink 312 (wheel slot 2) 52–77 Pink 312 UV (wheel slot 3) 78–102 UV Red 308 (wheel slot 4) 103–128 Red 308 Green 206 (wheel slot 5) 129–152 Green 206 Blue 108 (wheel slot 6) 153–179 Blue 108 White (open) (wheel slot 7) 180–183 Blue 108 (wheel slot 7) 184–187 Green 206 (wheel slot 6) 188–191 Red 308 (wheel slot 5) 192–195 UV (wheel slot 4) 196–199 Pink 312 (wheel slot 3) 200–203 CTC 5500-2900 K (wheel slot 2) 204–207 White (open) (wheel slot 1) 208–226 Continuous rotation clockwise, fast slow 227–245 Continuous rotation counterclockwise, slow fast 246–248 Random CMY color, fast 249–251 Random CMY color, medium 252–255 Random CMY color, slow

16-bit Extended mode (continued)

Ch	Function	Default	DMX values
11	Color Wheel Fine	0	Fine byte of Color Wheel
12	Frost1	0	
13	Frost1 Fine	0	Fine byte of Frost1
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Position MSpeed	0	0–2 Tracking 3–242 Fast slow 243–245 Tracking (overrides control menu, option 1) 246–248 Tracking (overrides control menu, option 2) 249–251 Tracking (overrides control menu, option 3) 252–255 Blackout while moving
19	Global MSpeed	0	0–2 Tracking mode 3–245 Vector speed, fast slow 246–248 Tracking (overrides control menu, option 1) 249–251 Tracking (overrides control menu, option 2) 252–255 Vector speed, fast (dimmer, CMY filters, frost); blac…

Fixture model: gdtf-martin-mac-250-wash-2611040506
Original HitLight parametric reconstruction. Manufacturer drawings and photographs used as dimensional and visual references; no third-part…
Creator: HitLight