Martin

MAC 700 Wash



Manufacturer	**Martin**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**16, 23 channels**
Beam angle	**12.5-66°**
Pan range	**540°**
Tilt range	**246°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**D8D0CBDA-D0B4-5628-9F6B-F…**

Controls

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

Safety-relevant functions

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

DMX modes

Basic 16ch	16 ch
Extended 23ch	23 ch

Basic 16ch

16 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed (lamp switches to 400 W mode after 10... 20–49 Shutter open 50–72 Strobe, fast -> slow 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 238–242 400 W mode (active until 700 W value is selected) 243–247 700 W mode 248–255 Lamp off
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TC	0	
7	Color Wheel	0	0–0 Open (wheel slot 1) 1–16 Open -> slot 1 (continuous scroll) 17–17 Blue 110 (wheel slot 2) 18–33 Slot 1 -> slot 2 (continuous scroll) 34–34 Green 206 IAD (wheel slot 3) 35–50 Slot 2 -> slot 3 (continuous scroll) 51–51 Pink 312 (wheel slot 4) 52–67 Slot 3 -> slot 4 (continuous scroll) 68–68 Orange 306M (wheel slot 5) 69–84 Slot 4 -> slot 5 (continuous scroll) 85–85 Half minus green (wheel slot 6) 86–101 Slot 5 -> slot 6 (continuous scroll) 102–102 CTC 3200 - 4100 K (wheel slot 7) 103–118 Slot 6 -> slot 7 (continuous scroll) 119–119 UV transmitter (wheel slot 8) 120–135 Slot 7 -> slot 8 (continuous scroll) 136–136 Red 308 (wheel slot 9) 137–152 Slot 8 -> open (continuous scroll) 153–153 Open (wheel slot 1) 154–158 Red 308 (wheel slot 9) 159–163 UV transmitter (wheel slot 8) 164–168 CTC 3200 - 4100 K (wheel slot 7) 169–173 Half minus green (wheel slot 6) 174–178 Orange 306M (wheel slot 5) 179–183 Pink 312 (wheel slot 4) 184–188 Green 206 IAD (wheel slot 3) 189–193 Blue 110 (wheel slot 2) 194–198 Open (wheel slot 1) 199–219 Continuous rotation CW, fast -> slow 220–240 Continuous rotation CCW, slow -> fast 241–245 Random color, fast 246–250 Random color, medium 251–255 Random color, slow

Basic 16ch (continued)

Ch	Function	Default	DMX values
8	Beam Shaper	0	0–0 Open 1–255 Indexed angle, 0 -> 360 deg
9	Effect	0	0–15 No effect 16–55 Color wheel shake, slow -> fast 56–95 Beam shaper continuous rotation 96–135 Color wheel shake, slow -> fast, plus beam shaper c... 136–175 Random CMY, fast 176–215 Random CMY, medium 216–255 Random CMY, slow
10	Zoom	0	
11	Pan	128	
12	Pan Fine	0	Fine byte of Pan
13	Tilt	128	
14	Tilt Fine	0	Fine byte of Tilt
15	Position MSpeed	0	0–2 Tracking 3–242 Fast -> slow (vector control mode) 243–245 Tracking, PTSP = SLOW (menu override) 246–248 Tracking, PTSP = NORM (menu override) 249–251 Tracking, PTSP = FAST (menu override) 252–255 Blackout while moving
16	Global MSpeed	0	0–2 Tracking 3–245 Fast -> slow (vector control mode) 246–248 Tracking (color wheel: SCUT = OFF, menu override) 249–251 Tracking (color wheel: SCUT = ON, menu override) 252–255 Blackout while moving

Extended 23ch

23 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed (lamp switches to 400 W mode after 10... 20–49 Shutter open 50–72 Strobe, fast -> slow 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 238–242 400 W mode (active until 700 W value is selected) 243–247 700 W mode 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	

Extended 23ch (continued)

Ch	Function	Default	DMX values
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	C TC	0	
11	C TC Fine	0	Fine byte of C TC
12	Color Wheel	0	0–0 Open (wheel slot 1) 1–16 Open -> slot 1 (continuous scroll) 17–17 Blue 110 (wheel slot 2) 18–33 Slot 1 -> slot 2 (continuous scroll) 34–34 Green 206 IAD (wheel slot 3) 35–50 Slot 2 -> slot 3 (continuous scroll) 51–51 Pink 312 (wheel slot 4) 52–67 Slot 3 -> slot 4 (continuous scroll) 68–68 Orange 306M (wheel slot 5) 69–84 Slot 4 -> slot 5 (continuous scroll) 85–85 Half minus green (wheel slot 6) 86–101 Slot 5 -> slot 6 (continuous scroll) 102–102 CTC 3200 - 4100 K (wheel slot 7) 103–118 Slot 6 -> slot 7 (continuous scroll) 119–119 UV transmitter (wheel slot 8) 120–135 Slot 7 -> slot 8 (continuous scroll) 136–136 Red 308 (wheel slot 9) 137–152 Slot 8 -> open (continuous scroll) 153–153 Open (wheel slot 1) 154–158 Red 308 (wheel slot 9) 159–163 UV transmitter (wheel slot 8) 164–168 CTC 3200 - 4100 K (wheel slot 7) 169–173 Half minus green (wheel slot 6) 174–178 Orange 306M (wheel slot 5) 179–183 Pink 312 (wheel slot 4) 184–188 Green 206 IAD (wheel slot 3) 189–193 Blue 110 (wheel slot 2) 194–198 Open (wheel slot 1) 199–219 Continuous rotation CW, fast -> slow 220–240 Continuous rotation CCW, slow -> fast 241–245 Random color, fast 246–250 Random color, medium 251–255 Random color, slow
13	Color Wheel Fine	0	Fine byte of Color Wheel
14	Beam Shaper	0	0–0 Open 1–255 Indexed angle, 0 -> 360 deg
15	Effect	0	0–15 No effect 16–55 Color wheel shake, slow -> fast 56–95 Beam shaper continuous rotation 96–135 Color wheel shake, slow -> fast, plus beam shaper c… 136–175 Random CMY, fast 176–215 Random CMY, medium 216–255 Random CMY, slow
16	Zoom	0	
17	Zoom Fine	0	Fine byte of Zoom
18	Pan	128	
19	Pan Fine	0	Fine byte of Pan
20	Tilt	128	
21	Tilt Fine	0	Fine byte of Tilt

Extended 23ch (continued)

Ch	Function	Default	DMX values
22	Position MSpeed	0	0–2 Tracking 3–242 Fast -> slow (vector control mode) 243–245 Tracking, PTSP = SLOW (menu override) 246–248 Tracking, PTSP = NORM (menu override) 249–251 Tracking, PTSP = FAST (menu override) 252–255 Blackout while moving
23	Global MSpeed	0	0–2 Tracking 3–245 Fast -> slow (vector control mode) 246–248 Tracking (color wheel: SCUT = OFF, menu override) 249–251 Tracking (color wheel: SCUT = ON, menu override) 252–255 Blackout while moving

Fixture model: gdtf-martin-mac-700-wash-2611065323
Original HitLight geometry, scripted locally by the HitLight fixture agent from published dimensions and product photographs. No manufacture…
Creator: HitLight