Martin Professional

MAC TW1



Manufacturer	**Martin Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**14, 20 channels**
Beam angle	**19-41°**
Pan range	**540°**
Tilt range	**242°**
Size (W × H × D)	**309 × 495 × 309 mm**
GDTF fixture type	**64AE988D-6EAF-5E77-BED0-7F…**

Controls

Zoom · CMY colour mixing · Dimmer · Pan and tilt

Safety-relevant functions

Fixture reset

DMX modes

16-bit Basic - Internal lamp power required	14 ch
16-bit Extended - Internal lamp power required	20 ch

16-bit Basic - Internal lamp power required

14 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–19 Shutter closed 20–49 Shutter open 50–72 Strobe fast to slow 73–127 Shutter open 128–147 Random strobe fast 148–167 Random strobe medium 168–187 Random strobe slow 188–207 Shutter open 208–217 Reset fixture; conditional DRES menu protection; s... 218–255 Shutter open
2	Electronic dimmer	0	
3	Mechanical dimmer	255	
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	Zoom	0	
8	Pan	128	
9	Pan Fine	0	Fine byte of Pan
10	Tilt	128	
11	Tilt Fine	0	Fine byte of Tilt
12	No Feature	0	0–2 Tracking mode 3–245 Vector mode fast to slow 246–248 Tracking normal override 249–251 Tracking fast override 252–255 Blackout while moving
13	No Feature	0	0–2 Tracking mode 3–245 Vector mode fast to slow 246–248 CMY tracking SCUT off; zoom vector fast 249–251 CMY tracking SCUT on; zoom vector fast 252–255 CMY and zoom vector fast
14	No Feature	0	0–19 No function 20–29 Linear dimming curve 30–39 Square-law dimming curve 40–49 No function reserved 50–59 No function reserved 60–69 No function reserved 70–79 Preheat on 80–89 Preheat off 90–99 Economy mode on 100–109 Economy mode off 110–119 Fan speed full 120–129 Fan speed regulated 130–139 Fans off if conditions allow 140–149 Normal mode 150–159 Studio mode 160–169 Quiet mode 170–255 No function reserved

16-bit Extended - Internal lamp power required

20 channels

Ch	Function	Default	DMX values

16-bit Extended - Internal lamp power required (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–19 Shutter closed 20–49 Shutter open 50–72 Strobe fast to slow 73–127 Shutter open 128–147 Random strobe fast 148–167 Random strobe medium 168–187 Random strobe slow 188–207 Shutter open 208–217 Reset fixture; conditional DRES menu protection; s... 218–255 Shutter open
2	Electronic dimmer	0	
3	Electronic dimmer Fine	0	Fine byte of Electronic dimmer
4	Mechanical dimmer	255	
5	Mechanical dimmer Fine	0	Fine byte of Mechanical dimmer
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	
11	Yellow Fine	0	Fine byte of Yellow
12	Zoom	0	
13	Zoom Fine	0	Fine byte of Zoom
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	No Feature	0	0–2 Tracking mode 3–245 Vector mode fast to slow 246–248 Tracking normal override 249–251 Tracking fast override 252–255 Blackout while moving
19	No Feature	0	0–2 Tracking mode 3–245 Vector mode fast to slow 246–248 CMY tracking SCUT off; zoom vector fast 249–251 CMY tracking SCUT on; zoom vector fast 252–255 CMY and zoom vector fast
20	No Feature	0	0–19 No function 20–29 Linear dimming curve 30–39 Square-law dimming curve 40–49 No function reserved 50–59 No function reserved 60–69 No function reserved 70–79 Preheat on 80–89 Preheat off 90–99 Economy mode on 100–109 Economy mode off 110–119 Fan speed full 120–129 Fan speed regulated 130–139 Fans off if conditions allow 140–149 Normal mode 150–159 Studio mode 160–169 Quiet mode 170–255 No function reserved

Fixture model: gdtf-martin-professional-mac-tw1-2000060203
Original HitLight primitive exterior reconstruction from private manufacturer references. Approximate planning geometry; fine fittings/source ...
Creator: HitLight