Martin

MAC 600



Manufacturer	**Martin**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**10, 12, 14 channels**
Beam angle	**25°**
Pan range	**440°**
Tilt range	**306°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**2C303507-9004-5814-8602-251…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

DMX1	10 ch
DMX2	12 ch
DMX3	12 ch
DMX4	14 ch

DMX1

10 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–112 Strobe on (fast->slow) 113–115 Shutter closed 116–122 Shutter open, reduced lamp power (MAC 600 E) 123–127 Shutter closed 128–147 Random Strobe Fast 148–167 Random Strobe Medium 168–187 Random Strobe Slow 188–207 Shutter closed 208–217 Reset Fixture 218–227 Shutter closed 228–237 Lamp power on 238–247 Shutter closed 248–255 Lamp power off (T >= 5 seconds)
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–39 White (wheel slot 1) 40–79 CTC (wheel slot 2) 80–119 Red (wheel slot 3) 120–160 Green (wheel slot 4) 161–165 Blue (wheel slot 5) 166–170 Green (wheel slot 4) 171–175 Red (wheel slot 3) 176–180 CTC (wheel slot 2) 181–185 White (wheel slot 1) 186–214 Continuous rotation CW, fast -> slow 215–243 Continuous rotation CCW, slow -> fast 244–247 Random CMY color, fast 248–251 Random CMY color, medium 252–255 Random CMY color, slow
7	Beam Shaper	0	0–0 Open 1–255 Beam shaper left -> right
8	Beam Shaper Pos	0	0–2 Open 3–170 Beam shaper left -> right 171–255 Frost
9	Pan	128	
10	Tilt	128	

DMX2

12 channels

Ch	Function	Default	DMX values

DMX2 (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–112 Strobe on (fast->slow) 113–115 Shutter closed 116–122 Shutter open, reduced lamp power (MAC 600 E) 123–127 Shutter closed 128–147 Random Strobe Fast 148–167 Random Strobe Medium 168–187 Random Strobe Slow 188–207 Shutter closed 208–217 Reset Fixture 218–227 Shutter closed 228–237 Lamp power on 238–247 Shutter closed 248–255 Lamp power off (T >= 5 seconds)
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–39 White (wheel slot 1) 40–79 CTC (wheel slot 2) 80–119 Red (wheel slot 3) 120–160 Green (wheel slot 4) 161–165 Blue (wheel slot 5) 166–170 Green (wheel slot 4) 171–175 Red (wheel slot 3) 176–180 CTC (wheel slot 2) 181–185 White (wheel slot 1) 186–214 Continuous rotation CW, fast -> slow 215–243 Continuous rotation CCW, slow -> fast 244–247 Random CMY color, fast 248–251 Random CMY color, medium 252–255 Random CMY color, slow
7	Beam Shaper	0	0–0 Open 1–255 Beam shaper left -> right
8	Beam Shaper Pos	0	0–2 Open 3–170 Beam shaper left -> right 171–255 Frost
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt

DMX3

12 channels

Ch	Function	Default	DMX values

DMX3 (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–112 Strobe on (fast->slow) 113–115 Shutter closed 116–122 Shutter open, reduced lamp power (MAC 600 E) 123–127 Shutter closed 128–147 Random Strobe Fast 148–167 Random Strobe Medium 168–187 Random Strobe Slow 188–207 Shutter closed 208–217 Reset Fixture 218–227 Shutter closed 228–237 Lamp power on 238–247 Shutter closed 248–255 Lamp power off (T >= 5 seconds)
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–39 White (wheel slot 1) 40–79 CTC (wheel slot 2) 80–119 Red (wheel slot 3) 120–160 Green (wheel slot 4) 161–165 Blue (wheel slot 5) 166–170 Green (wheel slot 4) 171–175 Red (wheel slot 3) 176–180 CTC (wheel slot 2) 181–185 White (wheel slot 1) 186–214 Continuous rotation CW, fast -> slow 215–243 Continuous rotation CCW, slow -> fast 244–247 Random CMY color, fast 248–251 Random CMY color, medium 252–255 Random CMY color, slow
7	Beam Shaper	0	0–0 Open 1–255 Beam shaper left -> right
8	Beam Shaper Pos	0	0–2 Open 3–170 Beam shaper left -> right 171–255 Frost
9	Pan	128	
10	Tilt	128	
11	Position MSpeed	0	0–2 Tracking 3–245 Fast -> slow 246–248 Tracking, normal speed (override PTSP FAST) 249–251 Tracking, fast speed (override PTSP NORM) 252–255 Blackout
12	Global MSpeed	0	0–2 Tracking 3–239 Fast -> slow 240–242 Tracking, MOdE = NORM (studio mode off) 243–245 Tracking, MOdE = STUd (studio mode on) 246–248 Tracking, SCUT = OFF (shortcuts off) 249–251 Tracking, SCUT = ON (shortcuts on) 252–255 Fast (dimmer, CMY, beam shaper 1); blackout (col…

DMX4

14 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	20	0–19 Shutter closed 20–49 Shutter open 50–112 Strobe on (fast->slow) 113–115 Shutter closed 116–122 Shutter open, reduced lamp power (MAC 600 E) 123–127 Shutter closed 128–147 Random Strobe Fast 148–167 Random Strobe Medium 168–187 Random Strobe Slow 188–207 Shutter closed 208–217 Reset Fixture 218–227 Shutter closed 228–237 Lamp power on 238–247 Shutter closed 248–255 Lamp power off (T >= 5 seconds)
2	Dimmer	0	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–39 White (wheel slot 1) 40–79 CTC (wheel slot 2) 80–119 Red (wheel slot 3) 120–160 Green (wheel slot 4) 161–165 Blue (wheel slot 5) 166–170 Green (wheel slot 4) 171–175 Red (wheel slot 3) 176–180 CTC (wheel slot 2) 181–185 White (wheel slot 1) 186–214 Continuous rotation CW, fast -> slow 215–243 Continuous rotation CCW, slow -> fast 244–247 Random CMY color, fast 248–251 Random CMY color, medium 252–255 Random CMY color, slow
7	Beam Shaper	0	0–0 Open 1–255 Beam shaper left -> right
8	Beam Shaper Pos	0	0–2 Open 3–170 Beam shaper left -> right 171–255 Frost
9	Pan	128	
10	Pan Fine	0	Fine byte of Pan
11	Tilt	128	
12	Tilt Fine	0	Fine byte of Tilt
13	Position MSpeed	0	0–2 Tracking 3–245 Fast -> slow 246–248 Tracking, normal speed (override PTSP FAST) 249–251 Tracking, fast speed (override PTSP NORM) 252–255 Blackout
14	Global MSpeed	0	0–2 Tracking 3–239 Fast -> slow 240–242 Tracking, MOdE = NORM (studio mode off) 243–245 Tracking, MOdE = STUd (studio mode on) 246–248 Tracking, SCUT = OFF (shortcuts off) 249–251 Tracking, SCUT = ON (shortcuts on) 252–255 Fast (dimmer, CMY, beam shaper 1); blackout (col…

Fixture model: gdtf-martin-mac-600-2026110343
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...