Martin Professional

MAC Encore Wash WRM



Manufacturer	**Martin Professional**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**24 channels**
Beam angle	**8.8-46.8°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**335 × 544 × 302 mm**
GDTF fixture type	**5B60E896-ED14-4A59-8EE3-37…**

Controls

Focus · Iris · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Built-in effect programmes

DMX modes

Basic 24 ch

Basic

24 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	30	0–19 Closed 20–49 Open 50–124 Strobe · Slow 1–10.4 Hz 125–199 Strobe · Medium 10.5–19.9 Hz 200–200 Strobe · Fast 20 Hz 201–210 Open 211–232 Strobe Random · Slow 1–10.1 Hz 233–254 Strobe Random · Medium 10.5–19.6 Hz 255–255 Strobe Random · Fast 20 Hz
2	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	C TB	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Basic (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–6 Open (wheel slot 1) 7–20 Blue (wheel slot 2) 21–34 Green (wheel slot 3) 35–48 Orange (wheel slot 4) 49–62 Deep Magenta (wheel slot 5) 63–76 Congo Blue (wheel slot 6) 77–90 Red (wheel slot 7) 91–104 Open (wheel slot 1) 105–160 No Function 161–163 Blue (wheel slot 2) 164–166 Greeen (wheel slot 3) 167–169 Orange (wheel slot 4) 170–172 Deep Magenta (wheel slot 5) 173–175 Congo Blue (wheel slot 6) 176–178 Red (wheel slot 7) 179–192 Open (wheel slot 1) 193–202 CW Max 203–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
9	Iris	0	0–63 Open 64–127 25% 128–191 50% 192–254 75% 255–255 Closed
10	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
11	Focus	128	0–127 Far 128–254 Medium 255–255 Near
12	Blade2A	0	0–127 Min 128–254 Med 255–255 Max
13	Blade4A	0	0–127 Min 128–254 Med 255–255 Max
14	Shaper Rot	10	0–9 -10deg 10–99 0deg 100–189 90deg 190–199 180deg 200–200 190deg 201–255 No Function
15	Pan	128	
16	Pan Fine	0	Fine byte of Pan
17	Tilt	128	
18	Tilt Fine	0	Fine byte of Tilt
19	Control1	0	

Basic (continued)

Ch	Function	Default	DMX values
20	Effect	0	0–1 No Effect 2–2 Stepper Motor 3–5 No Function 1 6–6 LED Frequency 7–9 No Function 2 10–10 Wave 11–11 Step 12–12 Pulse 13–13 2x Strobe 14–14 3x Strobe 15–15 Up Down Flash 16–16 Up Flash Down Flash 17–20 Random Levels 21–21 Electric Arc 22–22 Atomic Lighting 23–23 Thunderstorm 24–24 Welding 25–29 No Function 3 30–30 Stop Motion 31–31 Movie Flicker 32–32 Cross Chase 33–33 Random Dimmers 34–34 Shakey Dimmers 35–35 Center Out Chase 36–36 Negative Pulse 37–37 Positive Pulse 38–38 Rings In Out 39–39 No Function 4 40–40 Random Color Wave 41–49 Random Color Step 50–50 Rainbow Wave 51–51 Rainbow Step 52–52 Rainbow Pulse 53–53 RGB Wave 54–54 RGB Step 55–55 RGB Pulse 56–56 CMY Wave 57–57 CMY Step 58–58 CMY Pulse 59–59 Mix to White Wave 60–60 Mix to White Step 61–61 Mix to White Pulse 62–62 Random Bold 63–63 Random Mix Step 64–64 Random Mix Pulse 65–65 Random Subtle 66–66 RedWhiteBlue Wave 67–69 RedWhiteBlue Step 70–70 Color Wheel Full Step 71–71 Color Wheel All Step 72–72 Color Wheel Split Step 73–73 Color Wheel Random Split Step 74–74 Color Wheel Shaker 75–75 Fire 76–76 Water 77–77 Ice 78–78 Hot and Cold 79–79 Warm and Fuzzy 80–80 Iris Ramp 81–81 Iris Step 82–82 Iris Pulse 83–83 Zoom Wave 84–84 Zoom Step 85–85 Zoom Ramp

Basic (continued)

Ch	Function	Default	DMX values
21	Effect Speed	128	0–63 Rev Max 64–125 Rev Med 126–126 Rev Min 127–128 Stop 129–191 Fwd Min 192–254 Fwd Med 255–255 Fwd Max

Basic (continued)

Ch	Function	Default	DMX values
22	Effect 2	0	0–1 No Effect 2–2 Stepper Motor 3–5 No Function 1 6–6 LED Frequency 7–9 No Function 2 10–10 Wave 11–11 Step 12–12 Pulse 13–13 2x Strobe 14–14 3x Strobe 15–15 Up Down Flash 16–16 Up Flash Down Flash 17–20 Random Levels 21–21 Electric Arc 22–22 Atomic Lighting 23–23 Thunderstorm 24–24 Welding 25–29 No Function 3 30–30 Stop Motion 31–31 Movie Flicker 32–32 Cross Chase 33–33 Random Dimmers 34–34 Shakey Dimmers 35–35 Center Out Chase 36–36 Negative Pulse 37–37 Positive Pulse 38–38 Rings In Out 39–39 No Function 4 40–40 Random Color Wave 41–49 Random Color Step 50–50 Rainbow Wave 51–51 Rainbow Step 52–52 Rainbow Pulse 53–53 RGB Wave 54–54 RGB Step 55–55 RGB Pulse 56–56 CMY Wave 57–57 CMY Step 58–58 CMY Pulse 59–59 Mix to White Wave 60–60 Mix to White Step 61–61 Mix to White Pulse 62–62 Random Bold 63–63 Random Mix Step 64–64 Random Mix Pulse 65–65 Random Subtle 66–66 RedWhiteBlue Wave 67–69 RedWhiteBlue Step 70–70 Color Wheel Full Step 71–71 Color Wheel All Step 72–72 Color Wheel Split Step 73–73 Color Wheel Random Split Step 74–74 Color Wheel Shaker 75–75 Fire 76–76 Water 77–77 Ice 78–78 Hot and Cold 79–79 Warm and Fuzzy 80–80 Iris Ramp 81–81 Iris Step 82–82 Iris Pulse 83–83 Zoom Wave 84–84 Zoom Step 85–85 Zoom Ramp

Basic (continued)

Ch	Function	Default	DMX values
23	Effect Speed 2	128	0–63 Rev Max 64–125 Rev Med 126–126 Rev Min 127–128 Stop 129–191 Fwd Min 192–254 Fwd Med 255–255 Fwd Max
24	Effects Sync	36	0–0 No Sync 1–1 Fixture Offset 10deg 2–2 Fixture Offset 20deg 3–3 Fixture Offset 30deg 4–4 Fixture Offset 40deg 5–5 Fixture Offset 50deg 6–6 Fixture Offset 60deg 7–7 Fixture Offset 70deg 8–8 Fixture Offset 80deg 9–9 Fixture Offset 90deg 10–10 Fixture Offset 100deg 11–11 Fixture Offset 110deg 12–12 Fixture Offset 120deg 13–13 Fixture Offset 130deg 14–14 Fixture Offset 140deg 15–15 Fixture Offset 150deg 16–16 Fixture Offset 160deg 17–17 Fixture Offset 170deg 18–18 Fixture Offset 180deg 19–19 Fixture Offset 190deg 20–20 Fixture Offset 200deg 21–21 Fixture Offset 210deg 22–22 Fixture Offset 220deg 23–23 Fixture Offset 230deg 24–24 Fixtrue Offset 240deg 25–25 Fixture Offset 250deg 26–26 Fixture Offset 260deg 27–27 Fixture Offset 270deg 28–28 Fixture Offset 280deg 29–29 Fixture Offset 290deg 30–30 Fixture Offset 300deg 31–31 Fixture Offset 310deg 32–32 Fixture Offset 320deg 33–33 Fixture Offset 330deg 34–34 Fixture Offset 340deg 35–35 Fixture Offset 350deg 36–100 Synchronized 101–120 Random Start 121–255 Random Duration