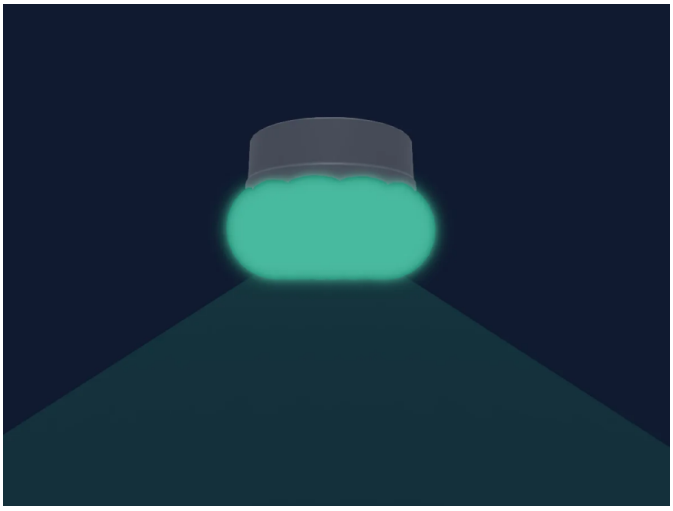
Martin Professional

Exterior Dot-HP Pro



Manufacturer	**Martin Professional**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**3, 4, 6, 12 channels**
Beam angle	**114°**
Size (W × H × D)	**78 × 41 × 78 mm**
GDTF fixture type	**FAABA045-95D4-4B3C-9684-FC…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Built-in effect programmes

DMX modes

PixelMap	3 ch
RGB	3 ch
Direct	4 ch
Standard	6 ch
Extended	12 ch

PixelMap

3 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
2	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
3	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

RGB

3 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
2	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
3	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Direct

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
2	Green	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
3	Blue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Direct (continued)

Ch	Function	Default	DMX values
4	White	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Standard

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 Closed 64–127 25% 128–191 50% 192–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
4	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
5	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	C TC	78	

Extended

12 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 0.25–2.52 Hz 233–254 Strobe Random · Medium 2.63–4.89 Hz 255–255 Strobe Random · Fast 5 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	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

Extended (continued)

Ch	Function	Default	DMX values
5	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
6	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
7	C TC	78	

Extended (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–10 Open (wheel slot 1) 11–12 Moroccan Pink (wheel slot 2) 13–14 Pink (wheel slot 3) 15–16 Special Rose Pink (wheel slot 4) 17–18 Follies Pink (wheel slot 5) 19–20 Fuchsia Pink (wheel slot 6) 21–22 Surprise Pink (wheel slot 7) 23–24 Congo Blue (wheel slot 8) 25–26 Tokyo Blue (wheel slot 9) 27–28 Deep Blue (wheel slot 10) 29–30 Just Blue (wheel slot 11) 31–32 Medium Blue (wheel slot 12) 33–34 Double CT Blue (wheel slot 13) 35–36 Slate Blue (wheel slot 14) 37–38 Full CT Blue (wheel slot 15) 39–40 Half CT Blue (wheel slot 16) 41–42 Steel Blue (wheel slot 17) 43–44 Lighter Blue (wheel slot 18) 45–46 Light Blue (wheel slot 19) 47–48 Medium Blue Green (wheel slot 20) 49–50 Dark Green (wheel slot 21) 51–52 Primary Green (wheel slot 22) 53–54 Moss Green (wheel slot 23) 55–56 Fern Green (wheel slot 24) 57–58 Jas Green (wheel slot 25) 59–60 Lime Green (wheel slot 26) 61–62 Spring Yellow (wheel slot 27) 63–64 Deep Amber (wheel slot 28) 65–66 Chrome Orange (wheel slot 29) 67–68 Orange (wheel slot 30) 69–70 Gold Amber (wheel slot 31) 71–72 Millennium Gold (wheel slot 32) 73–74 Deep Golden Amber (wheel slot 33) 75–76 Flame Red (wheel slot 34) 77–78 Red Magenta (wheel slot 35) 79–80 Medium Lavender (wheel slot 36) 81–82 Pure White (wheel slot 37) 83–84 Pure Red (wheel slot 38) 85–86 Pure Yellow (wheel slot 39) 87–88 Pure Green (wheel slot 40) 89–90 Pure Cyan (wheel slot 41) 91–92 Pure Blue (wheel slot 42) 93–94 Pure Magenta (wheel slot 43) 95–96 Peacock Blue (wheel slot 44) 97–98 Dark Lavender (wheel slot 45) 99–100 Double CT Orange (wheel slot 46) 101–102 Full CT Orange (wheel slot 47) 103–104 Half CT Orange (wheel slot 48) 105–106 Deep Straw (wheel slot 49) 107–190 NoFeature 191–202 CW Max 203–213 CW Med 214–214 CW Min 215–219 Stop 220–230 CCW Min 231–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow

Extended (continued)

Ch	Function	Default	DMX values
9	P3	27	0–26 DMX Mode 27–27 DMX 28–227 Mix 228–228 Video 229–255 Video Mode

Extended (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–0 No Effect 1–1 Strobe Width 2–2 Blackout Strobe 3–3 2x Strobe 4–4 3x Strobe 5–5 4x Strobe 6–6 Up Down Flash 7–7 Up Down Flash BiColor 8–8 Up Flash Down Flash 9–9 Up Flash Down Flash BiColor 10–10 Random Levels 11–11 Movie Flicker 12–12 Atomic Lighting 13–13 Thunderstorm 14–18 No Function 1 19–19 PixelKiller 20–20 SparkleStars 21–21 SparkleStars Heavy 22–22 Lighting Flashes Random 23–23 Lightning Flashes Random Heavy 24–24 Lightning Flashes Horizontal 25–25 Lightning Flashes Vertical 26–26 Fiberoptic 27–27 Noise 28–28 Build UpDown Step 29–29 Build UpDown Fade 30–30 Build UpDown Random Step 31–31 Build UpDown Random Fade 32–32 Random 5% Step 33–33 Random 5% Fade 34–34 Random 10% Step 35–35 Random 10% Fade 36–36 Random 20% Step 37–37 Random 20% Fade 38–38 Random 40% Step 39–39 Random 40% Fade 40–40 Random 80% Step 41–41 Random 80% Fade 42–42 Split Static 43–43 Split Rotate Step 44–44 Split Rotate Fade 45–45 Odd-Even 1-2 Step 46–46 Odd-Even 1-2 Fade 47–47 Radar Spin Step 48–48 Radar Spin Fade 49–49 Line Spin Step 50–50 Line Spin Fade 51–51 Slice Pie 1 Step 52–52 Slice Pie 1 Fade 53–53 Slice Pie 2 Step 54–54 Slice Pie 2 Fade 55–55 Slice Pie 3 Step 56–56 Slice Pie 3 Fade 57–57 Slice Pie Random Step 58–58 Slice Pie Random Fade 59–59 Snake 1 LED Step 60–60 Snake 1 LED Fade 61–61 Snake 2 LED Step 62–62 Snake 2 LED Fade 63–63 Snake 4 LED Step 64–64 Snake 4 LED Fade 65–65 Snake 8 LED Step 66–66 Snake 8 LED Fade 67–67 Vertical Line Step

Extended (continued)

Ch	Function	Default	DMX values
11	Effect Speed	192	
12	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