Martin Professional

Exterior Dot-4 Pro



Manufacturer	**Martin Professional**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**3, 4, 6, 12, 24, 48, 96 channels**
Beam angle	**115°**
Size (W × H × D)	**584 × 27 × 556 mm**
GDTF fixture type	**C2FDD182-B986-44E0-9D56-51…**

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 per Pixel	3 ch
RGB	3 ch
Direct	4 ch
Standard	6 ch
Extended	12 ch
PixelMap Segments of 16	12 ch
PixelMap Segments of 8	24 ch
PixelMap Segments of 4	48 ch
PixelMap Segments of 2	96 ch

PixelMap per Pixel

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 Linear 25–25 Lightning Flashes Linear Heavy 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 Bounce Step 44–44 Split Bounce Fade 45–45 Odd-Even 1-2 Step 46–46 Odd-Even 1-2 Fade 47–47 Odd-Even 2-4 Step 48–48 Odd-Even 2-4 Fade 49–49 Odd-Even 4-8 Step 50–50 Odd-Even 4-8 Fade 51–51 1-4 Chase Step 52–52 1-4 Chase Fade 53–53 2-4 Chase Step 54–54 2-4 Chase Fade 55–55 1-8 Chase Step 56–56 1-8 Chase Fade 57–57 1-8 Chase Mirror Step 58–58 1-8 Chase Mirror Fade 59–59 4-8 Chase Step 60–60 4-8 Chase Fade 61–61 4-8 Chase Mirror Step 62–62 4-8 Chase Mirror Fade 63–63 1-16 Chase Step 64–64 1-16 Chase Fade 65–65 8-16 Chase Step 66–66 8-16 Chase Fade 67–67 4-64 Chase 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

PixelMap Segments of 16

12 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

PixelMap Segments of 16 (continued)

Ch	Function	Default	DMX values
4	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
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	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 8

24 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

PixelMap Segments of 8 (continued)

Ch	Function	Default	DMX values
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
4	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
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	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 8 (continued)

Ch	Function	Default	DMX values
13	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
14	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
15	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
16	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
17	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
18	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
19	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
20	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
21	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
22	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
23	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 8 (continued)

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

PixelMap Segments of 4

48 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
4	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
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	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
8	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
9	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 4 (continued)

Ch	Function	Default	DMX values
10	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
13	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
14	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
15	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
16	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
17	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
18	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
19	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
20	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 4 (continued)

Ch	Function	Default	DMX values
21	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
22	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
23	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
24	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
25	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
26	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
27	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
28	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
29	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
30	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
31	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 4 (continued)

Ch	Function	Default	DMX values
32	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
33	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
34	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
35	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
36	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
37	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
38	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
39	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
40	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
41	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
42	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 4 (continued)

Ch	Function	Default	DMX values
43	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
44	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
45	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
46	Color RGBRed	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
47	Color RGBGreen	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
48	Color RGBBlue	255	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max

PixelMap Segments of 2

96 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBGreen	255	
3	Color RGBBlue	255	
4	Color RGBRed	255	
5	Color RGBGreen	255	
6	Color RGBBlue	255	
7	Color RGBRed	255	
8	Color RGBGreen	255	
9	Color RGBBlue	255	
10	Color RGBRed	255	
11	Color RGBGreen	255	
12	Color RGBBlue	255	
13	Color RGBRed	255	
14	Color RGBGreen	255	
15	Color RGBBlue	255	
16	Color RGBRed	255	
17	Color RGBGreen	255	
18	Color RGBBlue	255	

PixelMap Segments of 2 (continued)

Ch	Function	Default	DMX values
19	Color RGBRed	255	
20	Color RGBGreen	255	
21	Color RGBBlue	255	
22	Color RGBRed	255	
23	Color RGBGreen	255	
24	Color RGBBlue	255	
25	Color RGBRed	255	
26	Color RGBGreen	255	
27	Color RGBBlue	255	
28	Color RGBRed	255	
29	Color RGBGreen	255	
30	Color RGBBlue	255	
31	Color RGBRed	255	
32	Color RGBGreen	255	
33	Color RGBBlue	255	
34	Color RGBRed	255	
35	Color RGBGreen	255	
36	Color RGBBlue	255	
37	Color RGBRed	255	
38	Color RGBGreen	255	
39	Color RGBBlue	255	
40	Color RGBRed	255	
41	Color RGBGreen	255	
42	Color RGBBlue	255	
43	Color RGBRed	255	
44	Color RGBGreen	255	
45	Color RGBBlue	255	
46	Color RGBRed	255	
47	Color RGBGreen	255	
48	Color RGBBlue	255	
49	Color RGBRed	255	
50	Color RGBGreen	255	
51	Color RGBBlue	255	
52	Color RGBRed	255	
53	Color RGBGreen	255	
54	Color RGBBlue	255	
55	Color RGBRed	255	
56	Color RGBGreen	255	
57	Color RGBBlue	255	
58	Color RGBRed	255	
59	Color RGBGreen	255	
60	Color RGBBlue	255	
61	Color RGBRed	255	
62	Color RGBGreen	255	
63	Color RGBBlue	255	

PixelMap Segments of 2 (continued)

Ch	Function	Default	DMX values
64	Color RGBRed	255	
65	Color RGBGreen	255	
66	Color RGBBlue	255	
67	Color RGBRed	255	
68	Color RGBGreen	255	
69	Color RGBBlue	255	
70	Color RGBRed	255	
71	Color RGBGreen	255	
72	Color RGBBlue	255	
73	Color RGBRed	255	
74	Color RGBGreen	255	
75	Color RGBBlue	255	
76	Color RGBRed	255	
77	Color RGBGreen	255	
78	Color RGBBlue	255	
79	Color RGBRed	255	
80	Color RGBGreen	255	
81	Color RGBBlue	255	
82	Color RGBRed	255	
83	Color RGBGreen	255	
84	Color RGBBlue	255	
85	Color RGBRed	255	
86	Color RGBGreen	255	
87	Color RGBBlue	255	
88	Color RGBRed	255	
89	Color RGBGreen	255	
90	Color RGBBlue	255	
91	Color RGBRed	255	
92	Color RGBGreen	255	
93	Color RGBBlue	255	
94	Color RGBRed	255	
95	Color RGBGreen	255	
96	Color RGBBlue	255	