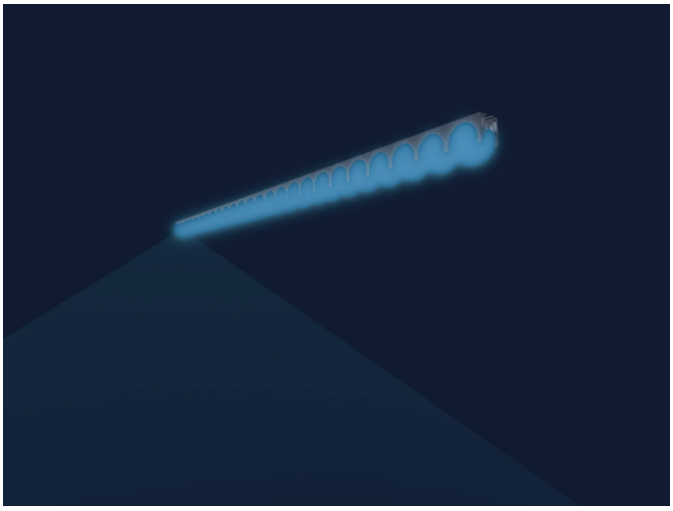
Martin Professional

VDO Sceptron 40 1000mm



Manufacturer	**Martin Professional**
Type	**Effect light**
DMX modes	**13**
DMX footprint	**1, 3, 5, 6, 10, 15, 18, 22, 75, 78, 82 channels**
Beam angle	**110°**
Heads / cells	**25**
Size (W × H × D)	**1000 × 28 × 27 mm**
GDTF fixture type	**A67F1734-2687-40F5-9E1A-0C4…**

Controls

RGB colour mixing · Effect speed · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

P3_Intensity	1 ch
DMX_RGB	3 ch
P3_PixelMap 1 Segment	3 ch
P3_RGB	3 ch
P3_Basic	5 ch
P3_Hybrid 1 Segment	6 ch
DMX_Basic	10 ch
P3_PixelMap 5 Segments	15 ch
P3_Hybrid 5 Segments	18 ch
DMX_Segments	22 ch
P3_PixelMap 25 Segments	75 ch
P3_Hybrid 25 Segments	78 ch
DMX_Pixel	82 ch

P3_Intensity

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open

DMX_RGB

3 channels

Ch	Function	Default	DMX values
1	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
3	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_PixelMap 1 Segment

3 channels

Ch	Function	Default	DMX values
1	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
3	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_RGB (continued)

Ch	Function	Default	DMX values
2	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
3	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Basic

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
4	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
5	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 1 Segment

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Playmode	0	0–127 DMX 128–255 Video
4	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 1 Segment (continued)

Ch	Function	Default	DMX values
5	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
6	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

DMX_Basic

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	0	0–49 No Strobe 50–124 Slow 125–199 Medium 200–200 Fast 201–210 No Strobe 211–232 Slow 233–254 Medium 255–255 Fast
4	Strobe Duration	127	0–126 0s 127–254 1/2s 255–255 1s

DMX_Basic (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–0 No Effect 1–1 Intensity Wave 2–2 Intensity Step 3–3 Intensity Pulse 4–4 Blackout Strobe 5–5 2x Strobe 6–6 3x Strobe 7–7 4x Strobe 8–8 Intensity Up-Down-Flash 9–9 Intensity Up-Flash-Down-Flash 10–10 Intensity Random Levels 11–11 Pixel Killer 12–12 Noise Overlay 13–19 No Effect 20–20 Movie Flicker 21–21 Electric Arc 22–22 Atomic Lightning 23–23 Thunderstorm 24–50 No Effect 51–51 Rainbow Wave 52–52 Rainbow Step 53–53 Rainbow Pulse 54–54 RGB Wave 55–55 RGB Step 56–56 RGB Pulse 57–57 CMY Wave 58–58 CMY Step 59–59 CMY Pulse 60–60 Random Mix Wave 61–61 Random Mix Step 62–62 Random Mix Pulse 63–68 No Effect 69–69 Solid Color 70–70 Spectrum Shifter 71–71 RGB to White Wave 72–72 RGB to White Step 73–73 RGB to White Pulse 74–74 RGB to White Strobe 75–75 Normal to White Wave 76–76 Normal to White Step 77–77 Normal to White Pulse 78–78 Normal to White Strobe 79–100 No Effect 101–101 Police Chase 102–102 Nightrider 103–103 Stars 104–104 Fiberoptic White 105–105 Fiberoptic Mix 106–106 Plasma 107–107 Starfield 108–108 Colorwave 109–109 Noise 110–110 Snowflakes 111–111 Rain 112–255 No Effect
6	Effect Speed	127	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

DMX_Basic (continued)

Ch	Function	Default	DMX values
7	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 36–36 Synchronized 37–100 No Function 101–120 Random Start 121–140 Random Duration 141–255 No Function
8	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
9	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_PixelMap 5 Segments

15 channels

Ch	Function	Default	DMX values
1	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
2	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
3	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
4	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
5	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
6	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
7	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
8	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
9	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
11	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_PixelMap 5 Segments (continued)

Ch	Function	Default	DMX values
12	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
13	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
14	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
15	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 5 Segments

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Playmode	0	0–127 DMX 128–255 Video
4	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
5	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
6	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
7	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
8	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 5 Segments (continued)

Ch	Function	Default	DMX values
9	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
11	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
12	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
13	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
14	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
15	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
16	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
17	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
18	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

DMX_Segments

22 channels

Ch	Function	Default	DMX values

DMX_Segments (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 Closed 63–126 25% 127–190 50% 191–254 75% 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	0	0–49 No Strobe 50–124 Slow 125–199 Medium 200–200 Fast 201–210 No Strobe 211–232 Slow 233–254 Medium 255–255 Fast
4	Strobe Duration	127	0–126 0s 127–254 1/2s 255–255 1s

DMX_Segments (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–0 No Effect 1–1 Intensity Wave 2–2 Intensity Step 3–3 Intensity Pulse 4–4 Blackout Strobe 5–5 2x Strobe 6–6 3x Strobe 7–7 4x Strobe 8–8 Intensity Up-Down-Flash 9–9 Intensity Up-Flash-Down-Flash 10–10 Intensity Random Levels 11–11 Pixel Killer 12–12 Noise Overlay 13–19 No Effect 20–20 Movie Flicker 21–21 Electric Arc 22–22 Atomic Lightning 23–23 Thunderstorm 24–50 No Effect 51–51 Rainbow Wave 52–52 Rainbow Step 53–53 Rainbow Pulse 54–54 RGB Wave 55–55 RGB Step 56–56 RGB Pulse 57–57 CMY Wave 58–58 CMY Step 59–59 CMY Pulse 60–60 Random Mix Wave 61–61 Random Mix Step 62–62 Random Mix Pulse 63–68 No Effect 69–69 Solid Color 70–70 Spectrum Shifter 71–71 RGB to White Wave 72–72 RGB to White Step 73–73 RGB to White Pulse 74–74 RGB to White Strobe 75–75 Normal to White Wave 76–76 Normal to White Step 77–77 Normal to White Pulse 78–78 Normal to White Strobe 79–100 No Effect 101–101 Police Chase 102–102 Nightrider 103–103 Stars 104–104 Fiberoptic White 105–105 Fiberoptic Mix 106–106 Plasma 107–107 Starfield 108–108 Colorwave 109–109 Noise 110–110 Snowflakes 111–111 Rain 112–255 No Effect
6	Effect Speed	127	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

DMX_Segments (continued)

Ch	Function	Default	DMX values
7	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 36–36 Synchronized 37–100 No Function 101–120 Random Start 121–140 Random Duration 141–255 No Function
8	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
9	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
10	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
11	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

DMX_Segments (continued)

Ch	Function	Default	DMX values
12	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
13	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
14	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
15	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
16	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
17	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
18	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
19	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
20	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
21	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
22	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_PixelMap 25 Segments

75 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Red	0	
5	Green	0	
6	Blue	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	Red	0	
20	Green	0	
21	Blue	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	Red	0	
35	Green	0	
36	Blue	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	Red	0	
44	Green	0	
45	Blue	0	

P3_PixelMap 25 Segments (continued)

Ch	Function	Default	DMX values
46	Red	0	
47	Green	0	
48	Blue	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	Red	0	
53	Green	0	
54	Blue	0	
55	Red	0	
56	Green	0	
57	Blue	0	
58	Red	0	
59	Green	0	
60	Blue	0	
61	Red	0	
62	Green	0	
63	Blue	0	
64	Red	0	
65	Green	0	
66	Blue	0	
67	Red	0	
68	Green	0	
69	Blue	0	
70	Red	0	
71	Green	0	
72	Blue	0	
73	Red	0	
74	Green	0	
75	Blue	0	

P3_Hybrid 25 Segments

78 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Playmode	0	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	

P3_Hybrid 25 Segments (continued)

Ch	Function	Default	DMX values
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	

P3_Hybrid 25 Segments (continued)

Ch	Function	Default	DMX values
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	

DMX_Pixel

82 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter1Strobe	0	
4	Strobe Duration	127	

DMX_Pixel (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–0 No Effect 1–1 Intensity Wave 2–2 Intensity Step 3–3 Intensity Pulse 4–4 Blackout Strobe 5–5 2x Strobe 6–6 3x Strobe 7–7 4x Strobe 8–8 Intensity Up-Down-Flash 9–9 Intensity Up-Flash-Down-Flash 10–10 Intensity Random Levels 11–11 Pixel Killer 12–12 Noise Overlay 13–19 No Effect 20–20 Movie Flicker 21–21 Electric Arc 22–22 Atomic Lightning 23–23 Thunderstorm 24–50 No Effect 51–51 Rainbow Wave 52–52 Rainbow Step 53–53 Rainbow Pulse 54–54 RGB Wave 55–55 RGB Step 56–56 RGB Pulse 57–57 CMY Wave 58–58 CMY Step 59–59 CMY Pulse 60–60 Random Mix Wave 61–61 Random Mix Step 62–62 Random Mix Pulse 63–68 No Effect 69–69 Solid Color 70–70 Spectrum Shifter 71–71 RGB to White Wave 72–72 RGB to White Step 73–73 RGB to White Pulse 74–74 RGB to White Strobe 75–75 Normal to White Wave 76–76 Normal to White Step 77–77 Normal to White Pulse 78–78 Normal to White Strobe 79–100 No Effect 101–101 Police Chase 102–102 Nightrider 103–103 Stars 104–104 Fiberoptic White 105–105 Fiberoptic Mix 106–106 Plasma 107–107 Starfield 108–108 Colorwave 109–109 Noise 110–110 Snowflakes 111–111 Rain 112–255 No Effect
6	Effect Speed	127	
7	Effects Sync	36	
8	Red	255	
9	Green	255	
10	Blue	255	
11	Red	255	

DMX_Pixel (continued)

Ch	Function	Default	DMX values
12	Green	255	
13	Blue	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	Red	255	
24	Green	255	
25	Blue	255	
26	Red	255	
27	Green	255	
28	Blue	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	Red	255	
42	Green	255	
43	Blue	255	
44	Red	255	
45	Green	255	
46	Blue	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	Red	255	
54	Green	255	
55	Blue	255	
56	Red	255	

DMX_Pixel (continued)

Ch	Function	Default	DMX values
57	Green	255	
58	Blue	255	
59	Red	255	
60	Green	255	
61	Blue	255	
62	Red	255	
63	Green	255	
64	Blue	255	
65	Red	255	
66	Green	255	
67	Blue	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	Red	255	
72	Green	255	
73	Blue	255	
74	Red	255	
75	Green	255	
76	Blue	255	
77	Red	255	
78	Green	255	
79	Blue	255	
80	Red	255	
81	Green	255	
82	Blue	255	