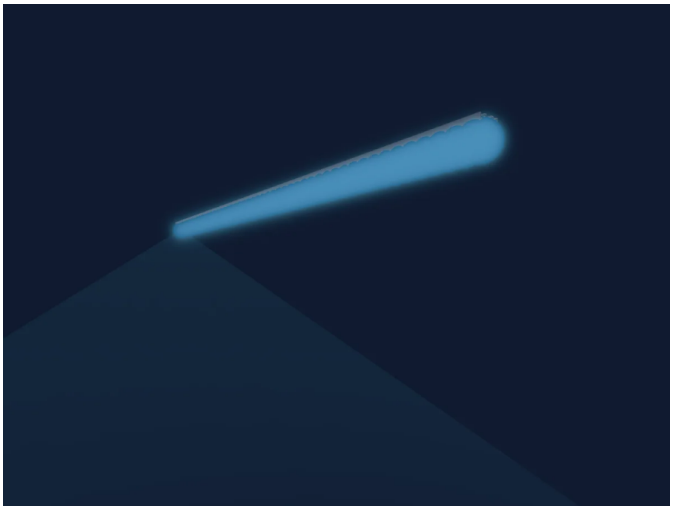
Martin Professional

VDO Sceptron 20 1000mm



Manufacturer	**Martin Professional**
Type	**Effect light**
DMX modes	**19**
DMX footprint	**1, 3, 5, 6, 9, 10, 15, 18, 22, 30, 33, 75, 78, 150, 153, 157 channels**
Beam angle	**110°**
Heads / cells	**50**
Size (W × H × D)	**1000 × 28 × 27 mm**
GDTF fixture type	**21E5FE98-A2E0-46B9-B020-097…**

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
P3_PixelMap 2 Segments	6 ch
P3_Hybrid 2 Segments	9 ch
DMX_Basic	10 ch
P3_PixelMap 5 Segments	15 ch
P3_Hybrid 5 Segments	18 ch
DMX_Segments	22 ch
P3_PixelMap 10 Segments	30 ch
P3_Hybrid 10 Segments	33 ch
P3_PixelMap 25 Segments	75 ch
P3_Hybrid 25 Segments	78 ch
P3_PixelMap 50 Segments	150 ch
P3_Hybrid 50 Segments	153 ch
DMX_Pixel	157 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

P3_PixelMap 2 Segments

6 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

P3_Hybrid 2 Segments

9 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

P3_Hybrid 2 Segments (continued)

Ch	Function	Default	DMX values
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
9	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 10 Segments

30 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 10 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
16	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
17	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
18	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
19	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
20	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
21	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
22	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_PixelMap 10 Segments (continued)

Ch	Function	Default	DMX values
23	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
24	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
25	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
26	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
27	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
28	Red	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
29	Green	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
30	Blue	0	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 10 Segments

33 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 10 Segments (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
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
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

P3_Hybrid 10 Segments (continued)

Ch	Function	Default	DMX values
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
19	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
20	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
21	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
22	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
23	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
24	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
25	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
26	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max

P3_Hybrid 10 Segments (continued)

Ch	Function	Default	DMX values
27	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
28	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
29	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
30	Blue	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
31	Red	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
32	Green	255	0–62 Min 63–126 25% 127–190 50% 191–254 75% 255–255 Max
33	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	

P3_PixelMap 25 Segments (continued)

Ch	Function	Default	DMX values
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	
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	

P3_PixelMap 25 Segments (continued)

Ch	Function	Default	DMX values
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	
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	

P3_Hybrid 25 Segments (continued)

Ch	Function	Default	DMX values
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	
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	

P3_Hybrid 25 Segments (continued)

Ch	Function	Default	DMX values
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	

P3_PixelMap 50 Segments

150 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	

P3_PixelMap 50 Segments (continued)

Ch	Function	Default	DMX values
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	
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	
76	Red	0	
77	Green	0	
78	Blue	0	

P3_PixelMap 50 Segments (continued)

Ch	Function	Default	DMX values
79	Red	0	
80	Green	0	
81	Blue	0	
82	Red	0	
83	Green	0	
84	Blue	0	
85	Red	0	
86	Green	0	
87	Blue	0	
88	Red	0	
89	Green	0	
90	Blue	0	
91	Red	0	
92	Green	0	
93	Blue	0	
94	Red	0	
95	Green	0	
96	Blue	0	
97	Red	0	
98	Green	0	
99	Blue	0	
100	Red	0	
101	Green	0	
102	Blue	0	
103	Red	0	
104	Green	0	
105	Blue	0	
106	Red	0	
107	Green	0	
108	Blue	0	
109	Red	0	
110	Green	0	
111	Blue	0	
112	Red	0	
113	Green	0	
114	Blue	0	
115	Red	0	
116	Green	0	
117	Blue	0	
118	Red	0	
119	Green	0	
120	Blue	0	
121	Red	0	
122	Green	0	
123	Blue	0	

P3_PixelMap 50 Segments (continued)

Ch	Function	Default	DMX values
124	Red	0	
125	Green	0	
126	Blue	0	
127	Red	0	
128	Green	0	
129	Blue	0	
130	Red	0	
131	Green	0	
132	Blue	0	
133	Red	0	
134	Green	0	
135	Blue	0	
136	Red	0	
137	Green	0	
138	Blue	0	
139	Red	0	
140	Green	0	
141	Blue	0	
142	Red	0	
143	Green	0	
144	Blue	0	
145	Red	0	
146	Green	0	
147	Blue	0	
148	Red	0	
149	Green	0	
150	Blue	0	

P3_Hybrid 50 Segments

153 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	
12	Blue	255	
13	Red	255	
14	Green	255	

P3_Hybrid 50 Segments (continued)

Ch	Function	Default	DMX values
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	
57	Blue	255	
58	Red	255	
59	Green	255	

P3_Hybrid 50 Segments (continued)

Ch	Function	Default	DMX values
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	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	
90	Blue	255	
91	Red	255	
92	Green	255	
93	Blue	255	
94	Red	255	
95	Green	255	
96	Blue	255	
97	Red	255	
98	Green	255	
99	Blue	255	
100	Red	255	
101	Green	255	
102	Blue	255	
103	Red	255	
104	Green	255	

P3_Hybrid 50 Segments (continued)

Ch	Function	Default	DMX values
105	Blue	255	
106	Red	255	
107	Green	255	
108	Blue	255	
109	Red	255	
110	Green	255	
111	Blue	255	
112	Red	255	
113	Green	255	
114	Blue	255	
115	Red	255	
116	Green	255	
117	Blue	255	
118	Red	255	
119	Green	255	
120	Blue	255	
121	Red	255	
122	Green	255	
123	Blue	255	
124	Red	255	
125	Green	255	
126	Blue	255	
127	Red	255	
128	Green	255	
129	Blue	255	
130	Red	255	
131	Green	255	
132	Blue	255	
133	Red	255	
134	Green	255	
135	Blue	255	
136	Red	255	
137	Green	255	
138	Blue	255	
139	Red	255	
140	Green	255	
141	Blue	255	
142	Red	255	
143	Green	255	
144	Blue	255	
145	Red	255	
146	Green	255	
147	Blue	255	
148	Red	255	
149	Green	255	

P3_Hybrid 50 Segments (continued)

Ch	Function	Default	DMX values
150	Blue	255	
151	Red	255	
152	Green	255	
153	Blue	255	

DMX_Pixel

157 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	
83	Red	255	
84	Green	255	
85	Blue	255	
86	Red	255	
87	Green	255	
88	Blue	255	
89	Red	255	
90	Green	255	
91	Blue	255	
92	Red	255	
93	Green	255	
94	Blue	255	
95	Red	255	
96	Green	255	
97	Blue	255	
98	Red	255	
99	Green	255	
100	Blue	255	
101	Red	255	

DMX_Pixel (continued)

Ch	Function	Default	DMX values
102	Green	255	
103	Blue	255	
104	Red	255	
105	Green	255	
106	Blue	255	
107	Red	255	
108	Green	255	
109	Blue	255	
110	Red	255	
111	Green	255	
112	Blue	255	
113	Red	255	
114	Green	255	
115	Blue	255	
116	Red	255	
117	Green	255	
118	Blue	255	
119	Red	255	
120	Green	255	
121	Blue	255	
122	Red	255	
123	Green	255	
124	Blue	255	
125	Red	255	
126	Green	255	
127	Blue	255	
128	Red	255	
129	Green	255	
130	Blue	255	
131	Red	255	
132	Green	255	
133	Blue	255	
134	Red	255	
135	Green	255	
136	Blue	255	
137	Red	255	
138	Green	255	
139	Blue	255	
140	Red	255	
141	Green	255	
142	Blue	255	
143	Red	255	
144	Green	255	
145	Blue	255	
146	Red	255	

DMX_Pixel (continued)

Ch	Function	Default	DMX values
147	Green	255	
148	Blue	255	
149	Red	255	
150	Green	255	
151	Blue	255	
152	Red	255	
153	Green	255	
154	Blue	255	
155	Red	255	
156	Green	255	
157	Blue	255	