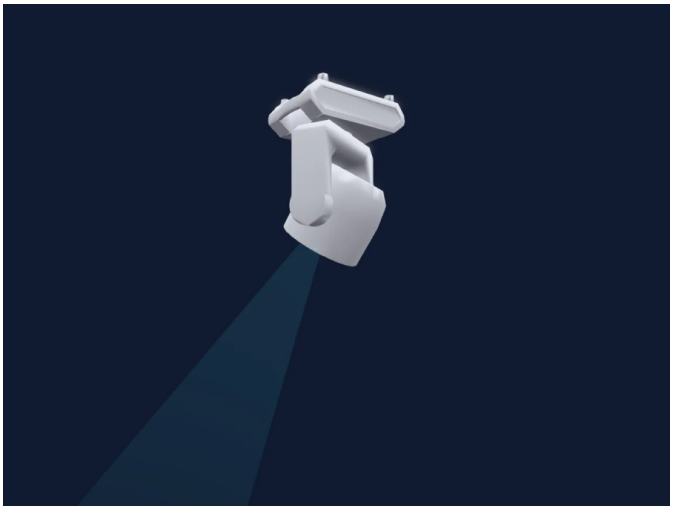
Chauvet Professional

Maverick Storm 1 Wash



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**20, 76, 96 channels**
Beam angle	**3.6-47.4°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**20**
Size (W × H × D)	**290 × 254 × 280 mm**
GDTF fixture type	**3FEFC2A5-75C9-482D-9E0A-D7…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Gobos

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

Dual Control Mode Movement: Standard 34ch	20 ch
Single Control: Basic 20ch	20 ch
Dual Control Mode Pixels: Standard 76ch	76 ch
Single Control: Standard 96ch	96 ch

Dual Control Mode Movement: Standard 34ch

20 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	C TC	0	
6	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 6) 11–11 Blue (wheel slot 7) 12–48 +Green (wheel slot 8) 49–49 Cyan (wheel slot 9) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 11) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 13) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
7	Effect	0	0–0 Open 1–255 Gobo 1-254

Dual Control Mode Movement: Standard 34ch (continued)

Ch	Function	Default	DMX values
8	Effect 2	0	0–5 Open 16–20 LED Built-In 1 - Macro 21–25 LED Built-In 2 - Macro 26–30 LED Built-In 3 - Macro 31–35 LED Built-In 4 - Macro 36–40 LED Built-In 5 - Macro 41–45 LED Built-In 6 - Macro 46–50 LED Built-In 7 - Macro 51–55 LED Built-In 8 - Macro 56–60 LED Built-In 9 - Macro 61–65 LED Built-In 10 - Macro 66–70 LED Built-In 11 - Macro 71–75 LED Built-In 12 - Macro 76–80 LED Built-In 13 - Macro 81–85 LED Built-In 14 - Macro 86–90 LED Built-In 15 - Macro 91–95 LED Built-In 16 - Macro 96–100 LED Built-In 17 - Macro 101–104 LED Built-In 18 - Macro 105–110 LED Built-In 19 - Macro 111–115 LED Built-In 20 - Macro 116–120 LED Built-In 23 - Macro 121–125 LED Built-In 24 - Macro 126–130 LED Built-In 25 - Macro 131–135 LED Built-In 26 - Macro 136–140 LED Built-In 27 - Macro 141–145 LED Built-In 28 - Macro 146–150 LED Built-In 29 - Macro 151–155 LED Built-In 30 - Macro 156–160 LED Built-In 31 - Macro 161–165 LED Built-In 32 - Macro 166–170 LED Built-In 33 - Macro 171–175 LED Built-In 34 - Macro 176–180 LED Built-In 35 - Macro 181–185 LED Built-In 36 - Macro 186–190 LED Built-In 37 - Macro 191–195 LED Built-In 38 - Macro 196–200 LED Built-In 39 - Macro 201–205 LED Built-In 40 - Macro 206–210 LED Built-In 41 - Macro 211–215 LED Built-In 42 - Macro 216–255 No Function
9	Effect Speed 2	128	0–127 Fast > Slow 128–128 Stop 129–255 Slow > Fast
10	Delay	0	

Dual Control Mode Movement: Standard 34ch (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 6) 11–11 Blue (wheel slot 7) 12–48 +Green (wheel slot 8) 49–49 Cyan (wheel slot 9) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 11) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 13) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
12	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Mode Movement: Standard 34ch (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
15	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

Dual Control Mode Movement: Standard 34ch (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–34 Combine Main And Ring 35–39 Disable Combine Main And Ring 40–44 Defrost Fan On 45–49 Defrost Fan Off 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–84 Reserved 85–89 Reverse Pan 90–94 Reverse Tilt 95–99 Normal Pan 100–104 Normal Tilt 105–119 Reserved 120–124 Fan Mode ECO 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–149 Dimmer Curve Linear 150–154 Dimmer Curve Square 155–159 Dimmer Curve Inverse Square 160–164 Dimmer Curve S-Curve 165–169 White Mode 170–174 Full Mode 175–179 Single-Color Calibration Off 180–184 Single-Color Calibration On 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–196 PWM 15000Hz 197–239 No Function 240–247 Calibration On 248–255 Calibration Off
17	R Overwrite	0	0–0 Min 1–254 Min > Max 255–255 Max
18	G Overwrite	0	0–0 Min 1–254 Min > Max 255–255 Max
19	B Overwrite	0	0–0 Min 1–254 Min > Max 255–255 Max
20	W Overwrite	0	0–0 Min 1–254 Min > Max 255–255 Max

Single Control: Basic 20ch

20 channels

Ch	Function	Default	DMX values

Single Control: Basic 20ch (continued)

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	C TC	0	
6	Color Macro1	0	0–0 Open (wheel slot 1) 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–8 White 4200K - CTC (wheel slot 3) 9–10 White 5600K - CTC (wheel slot 4) 11–12 White 6500K - CTC (wheel slot 5) 13–14 White 8000K - CTC (wheel slot 6) 15–15 Blue (wheel slot 7) 16–51 +Green (wheel slot 8) 52–52 Cyan (wheel slot 9) 53–88 -Blue (wheel slot 10) 89–89 Green (wheel slot 11) 90–125 +Red (wheel slot 12) 126–126 Yellow (wheel slot 13) 127–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
7	Gobo	255	0–0 All on 1–254 Gobos 1-254 255–255 All on
8	Effect 2	0	0–15 Open 16–135 LED Macros 1-102 136–255 Auto program 1-102
9	Effect Speed 2	128	
10	Delay	0	

Single Control: Basic 20ch (continued)

Ch	Function	Default	DMX values
11	Color Macro2	0	0–0 Open 1–2 White 2700K - CTC (wheel slot 1) 3–4 White 3200K - CTC (wheel slot 2) 5–6 White 4200K - CTC (wheel slot 3) 7–8 White 5600K - CTC (wheel slot 4) 9–10 White 8000K - CTC (wheel slot 6) 11–11 Blue (wheel slot 7) 12–48 +Green (wheel slot 8) 49–49 Cyan (wheel slot 9) 50–86 -Blue (wheel slot 10) 87–87 Green (wheel slot 11) 88–124 +Red (wheel slot 12) 125–125 Yellow (wheel slot 13) 126–162 -Green (wheel slot 14) 163–163 Red (wheel slot 15) 164–200 +Blue (wheel slot 16) 201–201 Magenta (wheel slot 17) 202–238 -Red (wheel slot 18) 239–239 Blue (wheel slot 7) 240–240 Fast 241–246 Fast > Slow 247–247 Slow 248–248 Fast 249–254 Fast > Slow 255–255 Slow
12	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Single Control: Basic 20ch (continued)

Ch	Function	Default	DMX values
14	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
15	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide

Single Control: Basic 20ch (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–9 No Function 10–14 Blackout on P/T 15–19 Reserved 20–24 RGBW (Additive) Color Mixing Mode 25–29 CMY (Subtractive) Color Mixing Mode 30–34 Combine Main And Ring 35–39 Disable Combine Main And Ring 40–44 Defrost Fan On 45–49 Defrost Fan Off 50–54 Pan Reset 55–59 Tilt Reset 60–64 Zoom Reset 65–69 Reserved 70–74 Reset All 75–84 Reserved 85–89 Reverse Pan 90–94 Reverse Tilt 95–99 Normal Pan 100–104 Normal Tilt 105–119 Reserved 120–124 Fan Mode ECO 125–129 Full Fan Mode 130–134 Auto Fan Mode 135–139 Fast Dimmer Mode 140–144 Slow Dimmer Mode 145–149 Dimmer Curve Linear 150–154 Dimmer Curve Square 155–159 Dimmer Curve Inverse Square 160–164 Dimmer Curve S-Curve 165–169 White Mode 170–174 Full Mode 175–179 Single-Color Calibration Off 180–184 Single-Color Calibration On 185–186 PWM 600Hz 187–188 PWM 1200Hz 189–190 PWM 2000Hz 191–192 PWM 4000Hz 193–194 PWM 6000Hz 195–196 PWM 15000Hz 197–239 No Function 240–247 Calibration On 248–255 Calibration Off
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
20	White	255	0–0 Min 1–254 Min > Max 255–255 Max

Dual Control Mode Pixels: Standard 76ch

76 channels

Ch	Function	Default	DMX values
1	Red	0	

Dual Control Mode Pixels: Standard 76ch (continued)

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

Dual Control Mode Pixels: Standard 76ch (continued)

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

Single Control: Standard 96ch

96 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	C TC	0	
6	Color Macro1	0	
7	Gobo	255	0–0 All on 1–254 Gobos 1-254 255–255 All on
8	Effect 2	0	0–15 Open 16–135 LED Macros 1-102 136–255 Auto program 1-102
9	Effect Speed 2	128	

Single Control: Standard 96ch (continued)

Ch	Function	Default	DMX values
10	Delay	0	
11	Color Macro2	0	
12	Dimmer	0	
13	Dimmer	0	
14	Shutter / Strobe	22	0–19 Shutter Closed 20–24 Shutter Open 25–25 STROBE · Fast 20 Hz 26–63 STROBE · Fast > Slow 19.5–0.61 Hz 64–64 STROBE · Slow 0.1 Hz 65–69 Shutter Open 70–70 STROBE 100-0% · Fast 20 Hz 71–83 STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 84–84 STROBE 100-0% · Slow 0.1 Hz 85–89 Shutter Open 90–90 STROBE 0-100% · Fast 20 Hz 91–103 STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 104–104 STROBE 0-100% · Slow 0.1 Hz 105–109 Shutter Open 110–110 RANDOM STROBE · Fast 20 Hz 111–123 RANDOM STROBE · Fast > Slow 18.6–1.52 Hz 124–124 RANDOM STROBE · Slow 0.1 Hz 125–129 Shutter Open 130–130 RANDOM STROBE 100-0% · Fast 20 Hz 131–143 RANDOM STROBE 100-0% · Fast > Slow 18.6–1.52 Hz 144–144 RANDOM STROBE 100-0% · Slow 0.1 Hz 145–149 Shutter Open 150–150 RANDOM STROBE 0-100% · Fast 20 Hz 151–163 RANDOM STROBE 0-100% · Fast > Slow 18.6–1.52 Hz 164–164 RANDOM STROBE 0-100% · Slow 0.1 Hz 165–169 Shutter Open 170–170 PULSE STROBE · Fast 20 Hz 171–183 PULSE STROBE · Fast > Slow 18.6–1.52 Hz 184–184 PULSE STROBE · Slow 0.1 Hz 185–189 Shutter Open 190–190 RANDOM PULSE STROBE · Fast 20 Hz 191–203 RANDOM PULSE STROBE · Fast > Slow 18.6–1.52 Hz 204–204 RANDOM PULSE STROBE · Slow 0.1 Hz 205–209 Shutter Open 210–210 STROBE 0-100-0% · Fast 20 Hz 211–223 STROBE 0-100-0% · Fast > Slow 18.6–1.52 Hz 224–224 STROBE 0-100-0% · Slow 0.1 Hz 225–229 Shutter Open 230–230 RANDOM PULSE STROBE 1 · Fast 20 Hz 231–243 RANDOM PULSE STROBE 1 · Fast > Slow 18.6–1.52 … 244–244 RANDOM PULSE STROBE 1 · Slow 0.1 Hz 245–255 Shutter Open
15	Zoom	127	
16	Control1	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	255	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	

Single Control: Standard 96ch (continued)

Ch	Function	Default	DMX values
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	White	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	White	0	
41	Red	0	
42	Green	0	
43	Blue	0	
44	White	0	
45	Red	0	
46	Green	0	
47	Blue	0	
48	White	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	White	0	
53	Red	0	
54	Green	0	
55	Blue	0	
56	White	0	
57	Red	0	
58	Green	0	
59	Blue	0	
60	White	0	
61	Red	0	
62	Green	0	
63	Blue	0	
64	White	0	
65	Red	0	
66	Green	0	
67	Blue	0	
68	White	0	
69	Red	0	
70	Green	0	

Single Control: Standard 96ch (continued)

Ch	Function	Default	DMX values
71	Blue	0	
72	White	0	
73	Red	0	
74	Green	0	
75	Blue	0	
76	White	0	
77	Red	0	
78	Green	0	
79	Blue	0	
80	White	0	
81	Red	0	
82	Green	0	
83	Blue	0	
84	White	0	
85	Red	0	
86	Green	0	
87	Blue	0	
88	White	0	
89	Red	0	
90	Green	0	
91	Blue	0	
92	White	0	
93	Red	0	
94	Green	0	
95	Blue	0	
96	White	0	