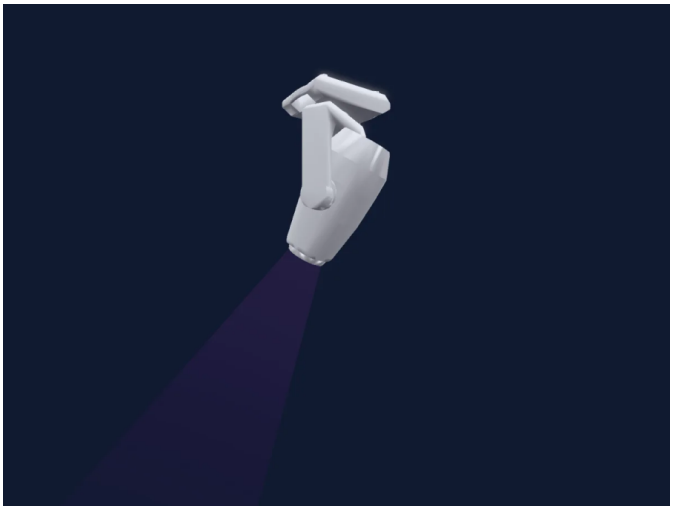
Chauvet Professional

Maverick Force 3 Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**37, 53 channels**
Beam angle	**4.9-54.7°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**312 × 577 × 279 mm**
GDTF fixture type	**9541F0B2-3756-11EE-B8F9-525…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

37Ch Mode	37 ch
53Ch Mode	53 ch

37Ch Mode

37 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	6	0–3 Closed 4–7 Open 8–8 STROBE · Slow 0.1 Hz 9–75 STROBE · Slow > Fast 0.393–19.7 Hz 76–76 STROBE · Fast 20 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.393–19.7 Hz 145–145 PULSE STROBE · Fast 20 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 215–215 RANDOM STROBE · Fast 20 Hz 216–255 Open
8	Effect	0	0–1 open 2–2 Slow 3–127 Slow > Fast 128–128 Fast 129–129 Slow 130–254 Slow > Fast 255–255 Fast
9	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
12	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max

37Ch Mode (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Yellow (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Blue (wheel slot 5) 40–47 CTO (wheel slot 6) 48–59 CTB (wheel slot 7) 60–60 Open - Split Colors (wheel slot 1) 61–78 White/Red - Color Split 79–79 Red (wheel slot 2) 80–96 Red/Yellow - Color Split 97–97 Yellow (wheel slot 3) 98–113 Yellow/Green - Color Split 114–114 Green (wheel slot 4) 115–132 Green/Blue - Color Split 133–133 Blue (wheel slot 5) 134–152 Blue/CTO - Color Split 153–153 CTO (wheel slot 6) 154–168 CTO/CTB - Color Split 169–169 CTB (wheel slot 7) 170–186 CTB/Open White 187–187 Open White (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
14	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 7 Shake (wheel slot 8) 72–79 Gobo 6 Shake (wheel slot 7) 80–87 Gobo 5 Shake (wheel slot 6) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 2 Shake (wheel slot 3) 112–119 Gobo 1 Shake (wheel slot 2) 120–127 Open (wheel slot 1) 128–128 Slow - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–192 Slow - Rotate CCW 193–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
15	Gobo Rotation	0	0–63 Indexing 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–232 Short 233–254 Short > Long 255–255 Long

37Ch Mode (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–5 Open (wheel slot 1) 6–11 Gobo 1 (wheel slot 2) 12–17 Gobo 2 (wheel slot 3) 18–23 Gobo 3 (wheel slot 4) 24–29 Gobo 4 (wheel slot 5) 30–35 Gobo 5 (wheel slot 6) 36–41 Gobo 6 (wheel slot 7) 42–47 Gobo 7 (wheel slot 8) 48–53 Gobo 8 (wheel slot 9) 54–63 Gobo 9 (wheel slot 10) 64–69 Gobo 9 Shake (wheel slot 10) 70–75 Gobo 8 Shake (wheel slot 9) 76–81 Gobo 7 Shake (wheel slot 8) 82–87 Gobo 6 Shake (wheel slot 7) 88–93 Gobo 5 Shake (wheel slot 6) 94–99 Gobo 4 Shake (wheel slot 5) 100–105 Gobo 3 Shake (wheel slot 4) 106–111 Gobo 2 Shake (wheel slot 3) 112–117 Gobo 1 Shake (wheel slot 2) 118–127 Open (wheel slot 1) 128–128 Slow - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–193 Slow - Rotate CCW 194–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
17	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop 131–255 S > F - Rotate CCW
19	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Blade1B	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Blade2B	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Blade3B	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Blade4B	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Shaper Rot	127	0–0 Min 1–254 Min > Max 255–255 Max

37Ch Mode (continued)

Ch	Function	Default	DMX values
28	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
29	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
30	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet (wheel slot 2)
31	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
32	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet Linear (wheel slot 2)
33	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
34	Iris	0	0–0 Big 1–62 Big > Small 63–63 Small 64–64 Slow 65–126 Slow > Fast 127–127 Fast 128–128 Slow Open Fast Close - Slow 129–190 Slow Open Fast Close (S > F) 191–191 Slow Open Fast Close - Fast 192–192 Fast Open Slow Close - Slow 193–254 Fast Open Slow Close (S > F) 255–255 Fast Open Slow Close - Fast
35	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
36	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max

37Ch Mode (continued)

Ch	Function	Default	DMX values
37	Control1	0	0–7 No Func - Custom 8–15 Blackout During P/T - Blackout 16–23 Blackout While Color Wheel Is Moving - Blackout 24–31 Blackout While Gobo Wheels Are Moving - Blackout 32–39 Blackout During P/T/Color Wheel - Blackout 40–47 Blackout During P/T/Gobo Wheels - Blackout 48–55 Blackout During P/T/Color Gobo Wheels - Blackout 56–59 LED PWM - 600 HZ 60–63 LED PWM - 1200 HZ 64–67 LED PWM - 2000 HZ 68–71 LED PWM - 4000 HZ 72–75 LED PWM - 6000 HZ 76–79 LED PWM - 15000 HZ 80–95 No Func - Custom 96–103 Pan Reset - Reset 104–111 Tilt Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Reset - Reset 128–135 No Function - Custom 136–143 Prism Reset - Reset 144–151 Framing Shutter Reset - Reset 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–191 CMY/CTO Reset - Reset 192–199 Fan Mode Eco - Speed 200–207 Fan Mode Full - Speed 208–215 Fan Mode Auto - Custom 216–220 Fan TV25 Mode - Custom 221–225 Fan TV35 Mode - Custom 226–230 No Function - Custom 231–235 P/T Swap On - Custom 236–240 P/T Swap Off - Custom 241–255 No Func - Custom

53Ch Mode

53 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	Position MSpeed	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer

53Ch Mode (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	6	0–3 Closed 4–7 Open 8–8 STROBE · Slow 0.1 Hz 9–75 STROBE · Slow > Fast 0.393–19.7 Hz 76–76 STROBE · Fast 20 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.393–19.7 Hz 145–145 PULSE STROBE · Fast 20 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 215–215 RANDOM STROBE · Fast 20 Hz 216–255 Open
9	Effect	0	0–1 Open 2–2 Slow 3–127 Slow > Fast 128–128 Fast 129–129 Slow 130–254 Slow > Fast 255–255 Fast
10	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
13	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Yellow (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Blue (wheel slot 5) 40–47 CTO (wheel slot 6) 48–59 CTB (wheel slot 7) 60–60 Open - Split Colors (wheel slot 1) 61–78 White/Red - Color Split 79–79 Red (wheel slot 2) 80–96 Red/Yellow - Color Split 97–97 Yellow (wheel slot 3) 98–113 Yellow/Green - Color Split 114–114 Green (wheel slot 4) 115–132 Green/Blue - Color Split 133–133 Blue (wheel slot 5) 134–152 Blue/CTO - Color Split 153–153 CTO (wheel slot 6) 154–168 CTO/CTB - Color Split 169–169 CTB (wheel slot 7) 170–186 CTB/Open White 187–187 Open White (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW

53Ch Mode (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–7 Open (wheel slot 1) 8–15 Gobo 1 (wheel slot 2) 16–23 Gobo 2 (wheel slot 3) 24–31 Gobo 3 (wheel slot 4) 32–39 Gobo 4 (wheel slot 5) 40–47 Gobo 5 (wheel slot 6) 48–55 Gobo 6 (wheel slot 7) 56–63 Gobo 7 (wheel slot 8) 64–71 Gobo 7 Shake (wheel slot 8) 72–79 Gobo 6 Shake (wheel slot 7) 80–87 Gobo 5 Shake (wheel slot 6) 88–95 Gobo 4 Shake (wheel slot 5) 96–103 Gobo 3 Shake (wheel slot 4) 104–111 Gobo 2 Shake (wheel slot 3) 112–119 Gobo 1 Shake (wheel slot 2) 120–127 Open (wheel slot 1) 128–128 Slow - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–192 Slow - Rotate CCW 193–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
16	Gobo Rotation	32	0–31 CW - Index 32–62 Home - Index 63–63 CCW - Index 64–145 F > S - Rotate CW 146–149 Stop - Stop Loop 150–231 S > F - Rotate CCW 232–254 Short 255–255 Long
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	0	0–5 Open - Gobo Open (wheel slot 1) 6–11 Gobo 1 - Gobo (wheel slot 2) 12–17 Gobo 2 - Gobo (wheel slot 3) 18–23 Gobo 3 - Gobo (wheel slot 4) 24–29 Gobo 4 - Gobo (wheel slot 5) 30–35 Gobo 5 - Gobo (wheel slot 6) 36–41 Gobo 6 - Gobo (wheel slot 7) 42–47 Gobo 7 - Gobo (wheel slot 8) 48–53 Gobo 8 - Gobo (wheel slot 9) 54–63 Gobo 9 - Gobo (wheel slot 10) 64–69 Gobo 9 Shake - Gobo Shake (wheel slot 10) 70–75 Gobo 8 Shake - Gobo Shake (wheel slot 9) 76–81 Gobo 7 Shake - Gobo Shake (wheel slot 8) 82–87 Gobo 6 Shake - Gobo Shake (wheel slot 7) 88–93 Gobo 5 Shake - Gobo Shake (wheel slot 6) 94–99 Gobo 4 Shake - Gobo Shake (wheel slot 5) 100–105 Gobo 3 Shake - Gobo Shake (wheel slot 4) 106–111 Gobo 2 Shake - Gobo Shake (wheel slot 3) 112–117 Gobo 1 Shake - Gobo Shake (wheel slot 2) 118–127 Open - Gobo Open (wheel slot 1) 128–128 Slow - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–193 Slow - Rotate CCW 194–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
19	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max

53Ch Mode (continued)

Ch	Function	Default	DMX values
20	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop - Stop Loop 131–255 S > F - Rotate CCW
21	Blade1A	0	
22	Blade1A Fine	0	Fine byte of Blade1A
23	Blade1B	0	
24	Blade1B Fine	0	Fine byte of Blade1B
25	Blade2A	0	
26	Blade2A Fine	0	Fine byte of Blade2A
27	Blade2B	0	
28	Blade2B Fine	0	Fine byte of Blade2B
29	Blade3A	0	
30	Blade3A Fine	0	Fine byte of Blade3A
31	Blade3B	0	
32	Blade3B Fine	0	Fine byte of Blade3B
33	Blade4A	0	
34	Blade4A Fine	0	Fine byte of Blade4A
35	Blade4B	0	
36	Blade4B Fine	0	Fine byte of Blade4B
37	Shaper Rot	127	
38	Shaper Rot Fine	255	Fine byte of Shaper Rot
39	Focus	127	
40	Focus Fine	255	Fine byte of Focus
41	Focus2	0	0–10 No Func 11–30 0-5m - Focus 31–50 6m - Focus 51–70 7m - Focus 71–90 8m - Focus 91–110 9m - Focus 111–130 10m - Focus 131–150 12 5m - Focus 151–170 15m - Focus 171–190 17 5m - Focus 191–210 20-60m - Focus 211–255 Auto Detect Distance
42	Zoom	127	0–254 Wide 255–255 Narrow
43	Zoom Fine	255	Fine byte of Zoom
44	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet (wheel slot 2)
45	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
46	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet Linear (wheel slot 2)
47	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW

53Ch Mode (continued)

Ch	Function	Default	DMX values
48	Iris	0	0–0 Big 1–62 Big > Small 63–63 Small 64–64 Slow 65–126 Slow > Fast 127–127 Fast 128–128 Slow Open Fast Close - Slow 129–190 Slow Open Fast Close (S > F) 191–191 Slow Open Fast Close - Fast 192–192 Fast Open Slow Close - Slow 193–254 Fast Open Slow Close (S > F) 255–255 Fast Open Slow Close - Fast
49	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
50	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max
51	Color Macro1	0	0–9 Open 10–255 CMY Macro
52	Color Macro1Rate	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow
53	Control1	0	0–7 No Function 8–15 Blackout During P/T - Blackout 16–23 Blackout While Color Wheel Is Moving - Blackout 24–31 Blackout While Gobo Wheels Are Moving - Blackout 32–39 Blackout During P/T/Color Wheel - Blackout 40–47 Blackout During P/T/Gobo Wheels - Blackout 48–55 Blackout During P/T/Color Gobo Wheels - Blackout 56–59 LED PWM - 600 HZ 60–63 LED PWM - 1200 HZ 64–67 LED PWM - 2000 HZ 68–71 LED PWM - 4000 HZ 72–75 LED PWM - 6000 HZ 76–79 LED PWM - 15000 HZ 80–95 No Function 96–103 Pan Reset - Reset 104–111 Tilt Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Reset - Reset 128–131 Gobo Wheel CTB On 132–135 Gobo Wheel CTB Off 136–143 Prism Reset - Reset 144–151 Framing Shutter Reset - Reset 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–191 CMY/CTO Reset - Reset 192–199 Fan Mode Eco - Speed 200–207 Fan Mode Full - Speed 208–215 Fan Mode Auto - Custom 216–220 Fan TV25 Mode - Custom 221–225 Fan TV35 Mode - Custom 226–230 No Function 231–235 P/T Swap On - Custom 236–240 P/T Swap Off - Custom 241–255 No Function