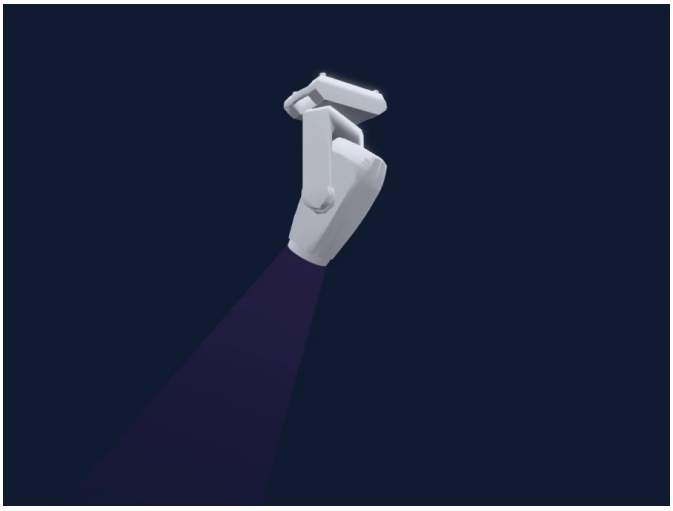
Chauvet Professional

Maverick Storm 3 Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**34, 50 channels**
Beam angle	**3.4-55.8°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**285 × 522 × 259 mm**
GDTF fixture type	**C9F2EB69-8EC6-45D7-96B1-A1…**

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 · Strobe

DMX modes

34Ch Mode	34 ch
50Ch Mode	50 ch

34Ch Mode

34 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 8–76 Synchronized Strobe S > F 77–145 Pulse Strobe S > F 146–215 Strobe Random S > F 216–255 Open
8	Shutter1Strobe Effect	0	0–1 No Function 2–128 Shaking S > F 129–255 Fade S > F
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
13	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Red (wheel slot 2) 14–20 Orange (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Magenta (wheel slot 5) 35–41 UV (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–60 Open (wheel slot 1) 61–187 Indexing 188–219 F > S - Rotate CCW 220–223 Stop 224–255 S > F - Rotate CW

34Ch Mode (continued)

Ch	Function	Default	DMX values
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 Gobo Open Shake (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
15	Gobo Rotation	0	0–63 Indexing 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–255 Rotate Back And Forth
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 Gobo Open Shake (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
17	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Animation Wheel1Pos Rotate	0	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

34Ch Mode (continued)

Ch	Function	Default	DMX values
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	0	0–0 Min 1–254 Min > Max 255–255 Max
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 Close (wheel slot 1) 5–255 5 Facets (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	Iris	0	0–63 Big >Small 64–127 Auto Change S > F 128–191 Slow Open Fast Close S > F 192–255 Slow Close Fast Open S > F
33	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max

34Ch Mode (continued)

Ch	Function	Default	DMX values
34	Control1	0	0–7 No Function 8–15 Blackout P/T 16–23 Blackout Color 24–31 Blackout Gobo 32–39 Blackout P/T Color 40–47 Blackout P/T Gobo 48–55 Blackout P/T Color Gobo 56–56 No Function 57–57 PWM 600Hz 58–58 PWM 1200Hz 59–59 PWM 2000Hz 60–60 PWM 4000Hz 61–61 PWM 6000Hz 62–62 PWM 15000Hz 63–63 No Function 64–64 Dimmer Curve Linear 65–65 Dimmer Curve Square 66–66 Dimmer Curve I-Square 67–67 Dimmer Curve S-Curve 68–68 Dimmer Curve Lnear2 69–75 No Function 76–79 Engage Sunshield 80–84 Disengage Sunshield 85–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Reset Color Wheel 120–127 Reset Gobo Wheel 128–131 CTB With Gobo On 132–135 CTB With Gobo Off 136–143 Reset Prism 144–151 Reset Blade 152–159 Reset All 160–167 Reset Iris 168–175 Reset Frost 176–183 Reset Zoom 184–191 Reset CMY/CTO 192–199 Fan Mode ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode TV25 221–225 Fan Mode TV35 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 MinZoomFocus Off 246–250 MinZoomFocus On 251–255 No Function

50Ch Mode

50 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

50Ch Mode (continued)

Ch	Function	Default	DMX values
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
8	Shutter / Strobe	6	0–3 Closed 4–7 Open 8–76 Synchronized Strobe S > F 77–145 Pulse Strobe S > F 146–215 Strobe Random S > F 216–255 Open
9	Shutter1Strobe Effect	0	0–1 No Function 2–128 Shaking S > F 129–255 Fade S > F
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	0–6 Open (wheel slot 1) 7–13 Red (wheel slot 2) 14–20 Orange (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Magenta (wheel slot 5) 35–41 UV (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–60 Open (wheel slot 1) 61–187 Indexing 188–219 F > S - Rotate CCW 220–223 Stop 224–255 S > F - Rotate CW
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 Gobo Open Shake (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

50Ch Mode (continued)

Ch	Function	Default	DMX values
16	Gobo Rotation	0	0–62 Indexing 63–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–255 Rotate Back And Forth
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	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 Gobo Open Shake (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
19	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Animation Wheel1Pos Rotate	0	0–124 F > S - Rotate CW 125–130 Stop 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	0	
38	Shaper Rot Fine	0	Fine byte of Shaper Rot
39	Focus	127	

50Ch Mode (continued)

Ch	Function	Default	DMX values
40	Focus Fine	255	Fine byte of Focus
41	Focus1Distance	0	0–10 No Function 11–30 0 5m 31–50 6m 51–70 7m 71–90 8m 91–110 9m 111–130 10m 131–150 12 5m 151–170 15m 171–190 17 5m 191–255 20-60m
42	Zoom	127	0–254 Wide 255–255 Narrow
43	Zoom Fine	255	Fine byte of Zoom
44	Prism	0	0–4 Close (wheel slot 1) 5–255 5 Facets (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	Iris	0	0–63 Big >Small 64–127 Auto Change S > F 128–191 Slow Open Fast Close S > F 192–255 Slow Close Fast Open S > F
47	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
48	Color Macro1	0	0–9 No Function 10–255 CMY Macro
49	Color Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

50Ch Mode (continued)

Ch	Function	Default	DMX values
50	Control1	0	0–7 No Function 8–15 Blackout P/T 16–23 Blackout Color 24–31 Blackout Gobo 32–39 Blackout P/T Color 40–47 Blackout P/T Gobo 48–55 Blackout P/T Color Gobo 56–56 No Function 57–57 PWM 600Hz 58–58 PWM 1200Hz 59–59 PWM 2000Hz 60–60 PWM 4000Hz 61–61 PWM 6000Hz 62–62 PWM 15000Hz 63–63 No Function 64–64 Dimmer Curve Linear 65–65 Dimmer Curve Square 66–66 Dimmer Curve I-Square 67–67 Dimmer Curve S-Curve 68–68 Dimmer Curve Lnear2 69–75 No Function 76–79 Engage Sunshield 80–84 Disengage Sunshield 85–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Reset Color Wheel 120–127 Reset Gobo Wheel 128–131 CTB With Gobo On 132–135 CTB With Gobo Off 136–143 Reset Prism 144–151 Reset Blade 152–159 Reset All 160–167 Reset Iris 168–175 Reset Frost 176–183 Reset Zoom 184–191 Reset CMY/CTO 192–199 Fan Mode ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode TV25 221–225 Fan Mode TV35 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 MinZoomFocus Off 246–250 MinZoomFocus On 251–255 No Function