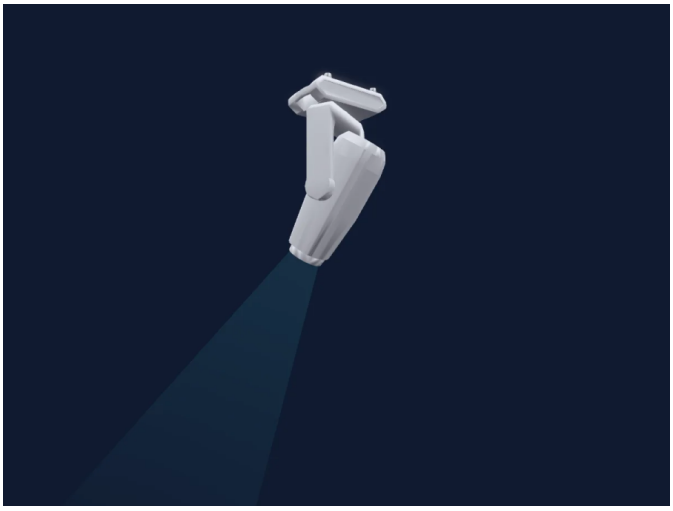
Chauvet Professional

Maverick Storm 4 Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 55 channels**
Beam angle	**6.2-54.1°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**329 × 684 × 269 mm**
GDTF fixture type	**B4A4D031-66BC-41FF-ACF2-7B…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

38Ch Mode	38 ch
55Ch Mode	55 ch

38Ch Mode

38 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

38Ch 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 Orange (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) 60–70 Open - Split Colors 71–85 White/Red - Color Split 86–106 Red/Orange - Color Split 107–124 Orange/Green - Color Split 125–140 Green/Blue - Color Split 141–159 Blue/CTO - Color Split 160–178 CTO/CTB - Color Split 179–187 Open White 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 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) 48–63 Gobo 6 (wheel slot 7) 64–71 Gobo 6 Shake (wheel slot 7) 72–79 Gobo 5 Shake (wheel slot 6) 80–87 Gobo 4 Shake (wheel slot 5) 88–95 Gobo 3 Shake (wheel slot 4) 96–103 Gobo 2 Shake (wheel slot 3) 104–111 Gobo 1 Shake (wheel slot 2) 112–127 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	32	0–0 CW - Index 1–31 CW << - Indexing 32–32 Home - Index 33–62 CCW >> - Indexing 63–63 CCW - Index 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

38Ch Mode (continued)

Ch	Function	Default	DMX values
16	Gobo 2	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) 48–63 Gobo 6 (wheel slot 7) 64–71 Gobo 6 Shake (wheel slot 7) 72–79 Gobo 5 Shake (wheel slot 6) 80–87 Gobo 4 Shake (wheel slot 5) 88–95 Gobo 3 Shake (wheel slot 4) 96–103 Gobo 2 Shake (wheel slot 3) 104–111 Gobo 1 Shake (wheel slot 2) 112–127 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
17	Gobo Rotation	32	0–0 CW - Index 1–31 CW << - Indexing 32–32 Home - Index 33–62 CCW >> - Indexing 63–63 CCW - Index 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
18	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop Loop 131–255 S > F - Rotate CCW
20	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Blade1B	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Blade2B	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade3B	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max

38Ch Mode (continued)

Ch	Function	Default	DMX values
27	Blade4B	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Shaper Rot	128	0–0 Min 1–254 Min > Max 255–255 Max
29	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
30	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
31	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism - Linear (wheel slot 2)
32	Prism Rotation	64	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
33	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism - Round (wheel slot 2)
34	Prism Rotation	64	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
35	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
36	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
37	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max

38Ch Mode (continued)

Ch	Function	Default	DMX values
38	Control1	0	0–7 No Func 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 56–56 CONTROL 1 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 Func 64–64 Linear Dimmer Curve - Custom 65–65 Square Dimmer Curve - Custom 66–66 Inverse Square Dimmer Curve - Custom 67–67 S-Curve Dimmer Curve - Custom 68–68 Linear 2 Dimmer Curve - Custom 69–95 CONTROL 3 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Function 136–143 Prism Reset 144–151 Framing Shutter Reset 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY/CTO Reset 192–199 Fan Mode Eco 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan TV25 Mode 221–225 Fan TV35 Mode 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 Min Zoom Focus On 246–250 Min Zoom Focus Off 251–255 No Func

55Ch Mode

55 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

55Ch Mode (continued)

Ch	Function	Default	DMX values
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
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 Orange (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) 60–70 Open - Split Colors 71–85 White/Red - Color Split 86–106 Red/Orange - Color Split 107–124 Orange/Green - Color Split 125–140 Green/Blue - Color Split 141–159 Blue/CTO - Color Split 160–178 CTO/CTB - Color Split 179–187 Open White 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW

55Ch 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) 48–63 Gobo 6 (wheel slot 7) 64–71 Gobo 6 Shake (wheel slot 7) 72–79 Gobo 5 Shake (wheel slot 6) 80–87 Gobo 4 Shake (wheel slot 5) 88–95 Gobo 3 Shake (wheel slot 4) 96–103 Gobo 2 Shake (wheel slot 3) 104–111 Gobo 1 Shake (wheel slot 2) 112–127 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	0–7 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) 48–63 Gobo 6 (wheel slot 7) 64–71 Gobo 6 Shake (wheel slot 7) 72–79 Gobo 5 Shake (wheel slot 6) 80–87 Gobo 4 Shake (wheel slot 5) 88–95 Gobo 3 Shake (wheel slot 4) 96–103 Gobo 2 Shake (wheel slot 3) 104–111 Gobo 1 Shake (wheel slot 2) 112–127 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
19	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
20	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
21	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max

55Ch Mode (continued)

Ch	Function	Default	DMX values
22	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop Loop 131–255 S > F - Rotate CCW
23	Blade1A	0	
24	Blade1A Fine	0	Fine byte of Blade1A
25	Blade1B	0	
26	Blade1B Fine	0	Fine byte of Blade1B
27	Blade2A	0	
28	Blade2A Fine	0	Fine byte of Blade2A
29	Blade2B	0	
30	Blade2B Fine	0	Fine byte of Blade2B
31	Blade3A	0	
32	Blade3A Fine	0	Fine byte of Blade3A
33	Blade3B	0	
34	Blade3B Fine	0	Fine byte of Blade3B
35	Blade4A	0	
36	Blade4A Fine	0	Fine byte of Blade4A
37	Blade4B	0	
38	Blade4B Fine	0	Fine byte of Blade4B
39	Shaper Rot	128	
40	Shaper Rot Fine	0	Fine byte of Shaper Rot
41	Focus	127	
42	Focus Fine	255	Fine byte of Focus
43	Focus1Distance	0	0–10 Auto Focus Off 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
44	Zoom	127	0–254 Wide 255–255 Narrow
45	Zoom Fine	255	Fine byte of Zoom
46	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism - Linear (wheel slot 2)
47	Prism Rotation	64	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
48	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism - Round (wheel slot 2)

55Ch Mode (continued)

Ch	Function	Default	DMX values
49	Prism Rotation	64	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
50	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
51	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
52	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max
53	Color Macro1	0	0–9 OPEN 10–255 CMY Macro
54	Color Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

55Ch Mode (continued)

Ch	Function	Default	DMX values
55	Control1	0	0–7 No Func 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 56–56 CONTROL 1 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 Func 64–64 Linear Dimmer Curve - Custom 65–65 Square Dimmer Curve - Custom 66–66 Inverse Square Dimmer Curve - Custom 67–67 S-Curve Dimmer Curve - Custom 68–68 Linear 2 Dimmer Curve - Custom 69–95 CONTROL 3 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Function 136–143 Prism Reset 144–151 Framing Shutter Reset 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY/CTO Reset 192–199 Fan Mode Eco 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan TV25 Mode 221–225 Fan TV35 Mode 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 Min Zoom Focus On 246–250 Min Zoom Focus Off 251–255 No Func