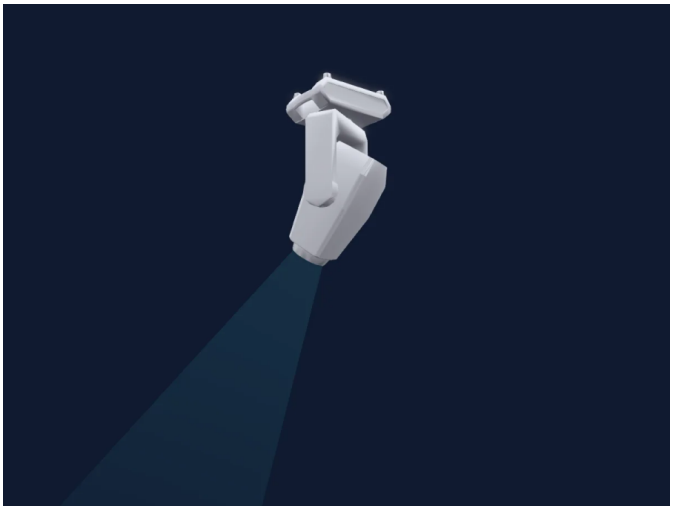
Chauvet Professional

Maverick Storm 2 Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**32, 48 channels**
Beam angle	**6.3-54.7°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**251 × 450 × 228 mm**
GDTF fixture type	**EA4195AE-6C8D-4F27-84F6-E7…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

32Ch Mode	32 ch
48Ch Mode	48 ch

32Ch Mode

32 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 100-0% · Slow 0.1 Hz 147–214 RANDOM STROBE 100-0% · Slow > Fast 0.388–19.7 … 215–215 RANDOM STROBE 100-0% · 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

32Ch Mode (continued)

Ch	Function	Default	DMX values
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 Blue (wheel slot 6) 42–48 CTO (wheel slot 7) 49–59 CTB (wheel slot 8) 60–69 Open - Split Colors 70–82 White/Red - Color Split 83–99 Red/Orange - Color Split 100–115 Orange/Green - Color Split 116–131 Green/Magenta - Color Split 132–145 Magenta/Blue - Color Split 146–154 Blue/White - Color Split 155–187 Open White 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	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

32Ch 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 192–192 Slow - Rotate CCW 193–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
17	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Blade1B	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Blade2B	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Blade3B	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Blade4B	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Shaper Rot	127	0–0 Min 1–254 Min > Max 255–255 Max
26	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
27	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow

32Ch Mode (continued)

Ch	Function	Default	DMX values
28	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism (wheel slot 2)
29	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
30	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
31	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
32	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 56–95 No Func 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

48Ch Mode

48 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max

48Ch Mode (continued)

Ch	Function	Default	DMX values
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
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

48Ch Mode (continued)

Ch	Function	Default	DMX values
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 Blue (wheel slot 6) 42–48 CTO (wheel slot 7) 49–59 CTB (wheel slot 8) 60–69 Open - Split Colors 70–82 White/Red - Color Split 83–99 Red/Orange - Color Split 100–115 Orange/Green - Color Split 116–131 Green/Magenta - Color Split 132–145 Magenta/Blue - Color Split 146–154 Blue/White - Color Split 155–187 Open White 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
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 150–231 S > F - Rotate CCW 232–254 Short 255–255 Long
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

48Ch Mode (continued)

Ch	Function	Default	DMX values
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 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	Blade1A	0	
20	Blade1A Fine	0	Fine byte of Blade1A
21	Blade1B	0	
22	Blade1B Fine	0	Fine byte of Blade1B
23	Blade2A	0	
24	Blade2A Fine	0	Fine byte of Blade2A
25	Blade2B	0	
26	Blade2B Fine	0	Fine byte of Blade2B
27	Blade3A	0	
28	Blade3A Fine	0	Fine byte of Blade3A
29	Blade3B	0	
30	Blade3B Fine	0	Fine byte of Blade3B
31	Blade4A	0	
32	Blade4A Fine	0	Fine byte of Blade4A
33	Blade4B	0	
34	Blade4B Fine	0	Fine byte of Blade4B
35	Shaper Rot	127	
36	Shaper Rot Fine	255	Fine byte of Shaper Rot
37	Focus	127	
38	Focus Fine	255	Fine byte of Focus

48Ch Mode (continued)

Ch	Function	Default	DMX values
39	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
40	Zoom	127	0–254 Wide 255–255 Narrow
41	Zoom Fine	255	Fine byte of Zoom
42	Prism	0	0–4 Open (wheel slot 1) 5–255 5 Facet Prism (wheel slot 2)
43	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
44	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
45	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
46	Color Macro1	0	0–3 Open 4–6 Full CTO - CTO 7–9 1/4 CTO - CTO 10–255 CMY Macro - Macro
47	Color Macro1Rate	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow

48Ch Mode (continued)

Ch	Function	Default	DMX values
48	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 56–95 No Func 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