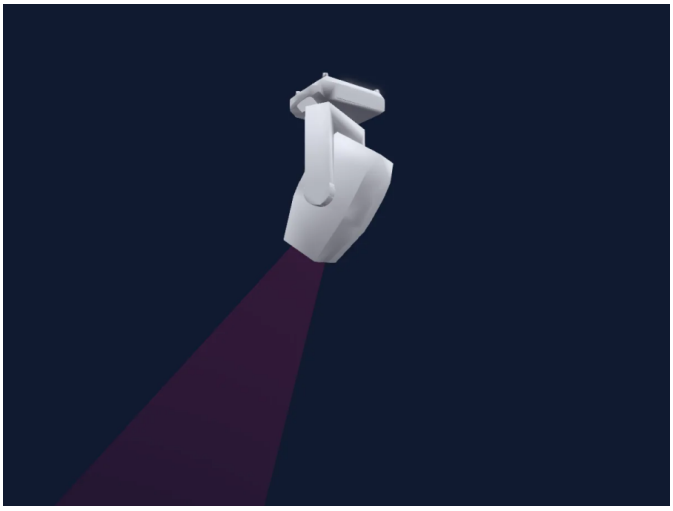
Chauvet Professional

Maverick Storm 1 Flex



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**26, 33 channels**
Beam angle	**3.1-57.9°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**198 × 358 × 182 mm**
GDTF fixture type	**57228A42-666C-41E0-B79E-9B…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

26Ch Mode	26 ch
33Ch Mode	33 ch

26Ch Mode

26 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	4	0–3 Closed 4–7 Open 8–8 SYNCRONIZED STROBE · Slow 0.1 Hz 9–75 SYNCRONIZED STROBE · Slow > Fast 0.246–9.85 Hz 76–76 SYNCRONIZED STROBE · Fast 10 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.246–9.85 Hz 145–145 PULSE STROBE · Fast 10 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.243–9.86 Hz 215–215 RANDOM STROBE · Fast 10 Hz 216–255 Open
8	Shutter / Strobe 2	0	0–1 Open 2–2 VIRTUAL SHAKE strobe · Slow 0.1 Hz 3–127 VIRTUAL SHAKE strobe · Slow > Fast 0.179–9.92 Hz 128–128 VIRTUAL SHAKE strobe · Fast 10 Hz 129–129 VIRTUAL FADE strobe · Slow 0.1 Hz 130–254 VIRTUAL FADE strobe · Slow > Fast 0.179–9.92 Hz 255–255 VIRTUAL FADE strobe · Fast 10 Hz
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 Open 1–1 8000K 2–254 8000K - 2700K 255–255 2700K

26Ch Mode (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–6 White (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) 49–55 CTB (wheel slot 8) 56–61 White (wheel slot 1) 62–77 White/Red 78–78 Red (wheel slot 2) 79–94 Red/Orange 95–95 Orange (wheel slot 3) 96–111 Orange/Green 112–112 Green (wheel slot 4) 113–128 Green/Magenta 129–129 Magenta (wheel slot 5) 130–145 Magenta/UV 146–146 UV (wheel slot 6) 147–162 UV/CRI 163–163 CRI (wheel slot 7) 164–179 CRI/CTB 180–180 CTB (wheel slot 8) 181–186 CTB/White 187–187 White (wheel slot 1) 188–219 F > S - Rotate CCW 220–223 Stop 224–255 S > F - Rotate CW
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) 128–135 S > F - Rotate CW 136–255 F > S - Rotate CCW
15	Gobo Rotation	0	0–31 Min 32–62 Home 63–63 Max 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–232 Min 233–254 Min > Max 255–255 Max

26Ch Mode (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–63 Gobo 10 (wheel slot 11) 64–68 Gobo 10 Shake (wheel slot 11) 69–73 Gobo 9 Shake (wheel slot 10) 74–78 Gobo 8 Shake (wheel slot 9) 79–83 Gobo 7 Shake (wheel slot 8) 84–88 Gobo 6 Shake (wheel slot 7) 89–93 Gobo 5 Shake (wheel slot 6) 94–98 Gobo 4 Shake (wheel slot 5) 99–103 Gobo 3 Shake (wheel slot 4) 104–108 Gobo 2 Shake (wheel slot 3) 109–113 Gobo 1 Shake (wheel slot 2) 114–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
17	Animation Wheel1	1	0–0 Open 1–1 Min 2–254 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	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
20	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
21	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism (wheel slot 2)
22	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
23	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism (wheel slot 2)
24	Prism Rotation	64	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CCW 190–193 Stop 194–255 S > F - Rotate CCW
25	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max

26Ch Mode (continued)

Ch	Function	Default	DMX values
26	Control1	0	0–7 Control Off 8–15 BO P/T 16–23 BO Color 24–31 BO Gobo 32–39 BO P/T/Color 40–47 BO P/T/Gobo 48–55 BO 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 Scurve 68–68 Dimmer Curve Linear 2 69–75 No Function 76–79 Sunshield On 80–84 Sunshield Off 85–95 No Function 96–103 Reset Pan 104–111 Reset Tilt 112–119 Reset Color 120–127 Reset Gobo And Gobo Rotate 128–131 Auto CTB For Gobo On 132–143 Auto CTB For Gobo Off 144–151 No Function 152–159 Reset All 160–175 No Function 176–183 Reset Zoom 184–191 Reset CMY+CTO 192–199 Fan Mode Silent/ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode Studio/TV25 221–225 Fan Mode Studio/TV35 226–230 No Function 231–235 PT Swap On 236–240 PT Swap Off 241–245 Min Zoom Focus Off 246–250 Min Zoom Focus On 251–255 No Function

33Ch Mode

33 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

33Ch 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	4	0–3 Closed 4–7 Open 8–8 SYNCRONIZED STROBE · Slow 0.1 Hz 9–75 SYNCRONIZED STROBE · Slow > Fast 0.246–9.85 Hz 76–76 SYNCRONIZED STROBE · Fast 10 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.246–9.85 Hz 145–145 PULSE STROBE · Fast 10 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.243–9.86 Hz 215–215 RANDOM STROBE · Fast 10 Hz 216–255 Open
9	Shutter / Strobe 2	0	0–1 Open 2–2 VIRTUAL SHAKE strobe · Slow 0.1 Hz 3–127 VIRTUAL SHAKE strobe · Slow > Fast 0.179–9.92 Hz 128–128 VIRTUAL SHAKE strobe · Fast 10 Hz 129–129 VIRTUAL FADE strobe · Slow 0.1 Hz 130–254 VIRTUAL FADE strobe · Slow > Fast 0.179–9.92 Hz 255–255 VIRTUAL FADE strobe · Fast 10 Hz
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 Open 1–1 8000K 2–254 8000K - 2700K 255–255 2700K

33Ch Mode (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–6 White (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) 49–55 CTB (wheel slot 8) 56–61 White (wheel slot 1) 62–77 White/Red 78–78 Red (wheel slot 2) 79–94 Red/Orange 95–95 Orange (wheel slot 3) 96–111 Orange/Green 112–112 Green (wheel slot 4) 113–128 Green/Magenta 129–129 Magenta (wheel slot 5) 130–145 Magenta/UV 146–146 UV (wheel slot 6) 147–162 UV/CRI 163–163 CRI (wheel slot 7) 164–179 CRI/CTB 180–180 CTB (wheel slot 8) 181–186 CTB/White 187–187 White (wheel slot 1) 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 Open (wheel slot 1) 128–135 S > F - Rotate CW 136–255 F > S - Rotate CCW
16	Gobo Rotation	0	0–30 Min 31–62 Home 63–145 Max 146–149 Stop - Stop Loop 150–231 S > F - Rotate CCW 232–254 Min 255–255 Max
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

33Ch Mode (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–63 Gobo 10 (wheel slot 11) 64–68 Gobo 10 Shake (wheel slot 11) 69–73 Gobo 9 Shake (wheel slot 10) 74–78 Gobo 8 Shake (wheel slot 9) 79–83 Gobo 7 Shake (wheel slot 8) 84–88 Gobo 6 Shake (wheel slot 7) 89–93 Gobo 5 Shake (wheel slot 6) 94–98 Gobo 4 Shake (wheel slot 5) 99–103 Gobo 3 Shake (wheel slot 4) 104–108 Gobo 2 Shake (wheel slot 3) 109–113 Gobo 1 Shake (wheel slot 2) 114–127 Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
19	Animation Wheel1	1	0–0 Open 1–1 Min 2–254 Min > Max 255–255 Max
20	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop 131–255 S > F - Rotate CCW
21	Focus	127	
22	Focus Fine	255	Fine byte of Focus
23	Focus1Distance	0	0–10 No Function - Custom 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 - Focus
24	Zoom	127	0–254 Wide 255–255 Narrow
25	Zoom Fine	255	Fine byte of Zoom
26	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism - Prism (wheel slot 2)
27	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
28	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism (wheel slot 2)

33Ch Mode (continued)

Ch	Function	Default	DMX values
29	Prism Rotation	0	0–63 Min 64–126 Home 127–127 Max 128–189 F > S - Rotate CCW 190–193 Stop 194–255 S > F - Rotate CCW
30	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
31	Color Macro1	0	0–9 CMY Macro Off 10–255 CMY Macro
32	Color Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
33	Control1	0	0–7 Control Off 8–15 BO P/T 16–23 BO Color 24–31 BO Gobo 32–39 BO P/T/Color 40–47 BO P/T/Gobo 48–55 BO 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 Scurve 68–68 Dimmer Curve Linear 2 69–75 No Function 76–79 Sunshield On 80–84 Sunshield Off 85–95 No Function 96–103 Reset Pan 104–111 Reset Tilt 112–119 Reset Color 120–127 Reset Gobo And Gobo Rotate 128–131 Auto CTB For Gobo On 132–143 Auto CTB For Gobo Off 144–151 No Function 152–159 Reset All 160–175 No Function 176–183 Reset Zoom 184–191 Reset CMY+CTO 192–199 Fan Mode Silent/ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode Studio/TV25 221–225 Fan Mode Studio/TV35 226–230 No Function 231–235 PT Swap On 236–240 PT Swap Off 241–245 Min Zoom Focus Off 246–250 Min Zoom Focus On 251–255 No Function