Chauvet Professional

Maverick Storm 1 Beam



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**19, 21 channels**
Beam angle	**1.3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**265 × 438 × 271 mm**
GDTF fixture type	**2CF4892D-C708-11ED-A50B-52…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

19Ch Mode	19 ch
21Ch Mode	21 ch

19Ch Mode

19 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	12	0–7 Closed 8–15 Open 16–16 STROBE · Slow 0.1 Hz 17–130 STROBE · Slow > Fast 0.186–9.91 Hz 131–131 STROBE · Fast 10 Hz 132–132 STROBE 0-100% · Slow 0.1 Hz 133–166 STROBE 0-100% · Slow > Fast 0.383–9.72 Hz 167–167 STROBE 0-100% · Fast 10 Hz 168–168 STROBE 100-0% · Slow 0.1 Hz 169–202 STROBE 100-0% · Slow > Fast 0.383–9.72 Hz 203–203 STROBE 100-0% · Fast 10 Hz 204–204 PULSE STROBE · Slow 0.1 Hz 205–238 PULSE STROBE · Slow > Fast 0.383–9.72 Hz 239–239 PULSE STROBE · Fast 10 Hz 240–240 RANDOM STROBE · Slow 0.1 Hz 241–249 RANDOM STROBE · Slow > Fast 1.09–9.01 Hz 250–250 RANDOM STROBE · Fast 10 Hz 251–255 Open
8	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max

19Ch Mode (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–1 White (wheel slot 1) 2–5 Red (wheel slot 2) 6–9 Orange (wheel slot 3) 10–13 Cyan (wheel slot 4) 14–17 Lime (wheel slot 5) 18–21 Yellow (wheel slot 6) 22–25 Green (wheel slot 7) 26–29 Magenta (wheel slot 8) 30–33 Blue (wheel slot 9) 34–37 Amber (wheel slot 10) 38–41 Light Blue (wheel slot 11) 42–45 CTO (wheel slot 12) 46–49 CTB (wheel slot 13) 50–53 UV (wheel slot 14) 54–57 Frost - Full Frost 58–59 Open (wheel slot 1) 60–187 Split Color - Indexing 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
12	Gobo	0	0–3 Open (wheel slot 1) 4–6 Gobo 1 (wheel slot 2) 7–9 Gobo 2 (wheel slot 3) 10–12 Gobo 3 (wheel slot 4) 13–15 Gobo 4 (wheel slot 5) 16–18 Gobo 5 (wheel slot 6) 19–21 Gobo 6 (wheel slot 1) 22–24 Gobo 7 (wheel slot 8) 25–27 Gobo 8 (wheel slot 9) 28–30 Gobo 9 (wheel slot 10) 31–33 Gobo 10 (wheel slot 11) 34–36 Gobo 11 (wheel slot 12) 37–39 Gobo 12 (wheel slot 13) 40–42 Gobo 13 (wheel slot 14) 43–45 Gobo 14 (wheel slot 15) 46–48 Gobo 15 (wheel slot 16) 49–51 Gobo 16 (wheel slot 17) 52–54 Gobo 17 (wheel slot 18) 55–57 Open (wheel slot 1) 58–59 Open Shake (wheel slot 1) 60–63 Gobo 1 Shake (wheel slot 2) 64–67 Gobo 2 Shake (wheel slot 3) 68–71 Gobo 3 Shake (wheel slot 4) 72–75 Gobo 4 Shake (wheel slot 5) 76–79 Gobo 5 Shake (wheel slot 6) 80–83 Gobo 6 Shake (wheel slot 7) 84–87 Gobo 7 Shake (wheel slot 8) 88–91 Gobo 8 Shake (wheel slot 9) 92–95 Gobo 9 Shake (wheel slot 10) 96–99 Gobo 10 Shake (wheel slot 11) 100–103 Gobo 11 Shake (wheel slot 12) 104–107 Gobo 12 Shake (wheel slot 13) 108–111 Gobo 13 Shake (wheel slot 14) 112–115 Gobo 14 Shake (wheel slot 15) 116–119 Gobo 15 Shake (wheel slot 16) 120–123 Gobo 16 Shake (wheel slot 17) 124–127 Gobo 17 Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
13	Prism	0	0–4 Off (wheel slot 1) 5–255 Prism (wheel slot 2)

19Ch Mode (continued)

Ch	Function	Default	DMX values
14	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 CW Prism Rotate - Fast > Slow 190–193 Stop 194–255 CCW Prism Rotate - Slow > Fast
15	Prism	0	0–4 Off (wheel slot 1) 5–255 Prism (wheel slot 2)
16	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 CW Prism Rotate - Fast > Slow 190–193 Stop 194–255 CCW Prism Rotate - Slow > Fast
17	Frost1	0	0–254 Open 255–255 Frost
18	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
19	Control1	0	0–29 No Function 30–39 Pan/Tilt Swap On 40–49 Pan/Tilt Swap Off 50–69 Reserved 70–79 Pan/Tilt Blackout On 80–89 Pan/Tilt Blackout Off 90–99 Color wheel Blackout On 100–109 Color wheel Blackout Off 110–119 Gobo wheel Blackout On 120–129 Gobo wheel Blackout Off 130–139 Lamp On 140–149 Pan/Tilt Reset 150–159 Colorwheel/CMY Reset 160–169 Gobo wheel Reset 170–179 Shutter/Prism Reset 180–189 Reserved 190–199 Focus/Frost Reset 200–209 All Reset 210–219 Blackout On 220–229 Blackout Off 230–239 Lamp Off 240–255 Reserved

21Ch Mode

21 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	

21Ch Mode (continued)

Ch	Function	Default	DMX values
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	12	0–7 Closed 8–15 Open 16–16 STROBE · Slow 0.1 Hz 17–130 STROBE · Slow > Fast 0.186–9.91 Hz 131–131 STROBE · Fast 10 Hz 132–132 STROBE 0-100% · Slow 0.1 Hz 133–166 STROBE 0-100% · Slow > Fast 0.383–9.72 Hz 167–167 STROBE 0-100% · Fast 10 Hz 168–168 STROBE 100-0% · Slow 0.1 Hz 169–202 STROBE 100-0% · Slow > Fast 0.383–9.72 Hz 203–203 STROBE 100-0% · Fast 10 Hz 204–204 PULSE STROBE · Slow 0.1 Hz 205–238 PULSE STROBE · Slow > Fast 0.383–9.72 Hz 239–239 PULSE STROBE · Fast 10 Hz 240–240 RANDOM STROBE · Slow 0.1 Hz 241–249 RANDOM STROBE · Slow > Fast 1.09–9.01 Hz 250–250 RANDOM STROBE · Fast 10 Hz 251–255 Open
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	Color Wheel	0	0–1 White (wheel slot 1) 2–5 Red (wheel slot 2) 6–9 Orange (wheel slot 3) 10–13 Cyan (wheel slot 4) 14–17 Lime (wheel slot 5) 18–21 Yellow (wheel slot 6) 22–25 Green (wheel slot 7) 26–29 Magenta (wheel slot 8) 30–33 Blue (wheel slot 9) 34–37 Amber (wheel slot 10) 38–41 Light Blue (wheel slot 11) 42–45 CTO (wheel slot 12) 46–49 CTB (wheel slot 13) 50–53 UV (wheel slot 14) 54–57 Frost - Full Frost 58–59 Open (wheel slot 1) 60–187 Split Color - Indexing 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW

21Ch Mode (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–3 Open (wheel slot 1) 4–6 Gobo 1 (wheel slot 2) 7–9 Gobo 2 (wheel slot 3) 10–12 Gobo 3 (wheel slot 4) 13–15 Gobo 4 (wheel slot 5) 16–18 Gobo 5 (wheel slot 6) 19–21 Gobo 6 (wheel slot 1) 22–24 Gobo 7 (wheel slot 8) 25–27 Gobo 8 (wheel slot 9) 28–30 Gobo 9 (wheel slot 10) 31–33 Gobo 10 (wheel slot 11) 34–36 Gobo 11 (wheel slot 12) 37–39 Gobo 12 (wheel slot 13) 40–42 Gobo 13 (wheel slot 14) 43–45 Gobo 14 (wheel slot 15) 46–48 Gobo 15 (wheel slot 16) 49–51 Gobo 16 (wheel slot 17) 52–54 Gobo 17 (wheel slot 18) 55–57 Open (wheel slot 1) 58–59 Open Shake (wheel slot 1) 60–63 Gobo 1 Shake (wheel slot 2) 64–67 Gobo 2 Shake (wheel slot 3) 68–71 Gobo 3 Shake (wheel slot 4) 72–75 Gobo 4 Shake (wheel slot 5) 76–79 Gobo 5 Shake (wheel slot 6) 80–83 Gobo 6 Shake (wheel slot 7) 84–87 Gobo 7 Shake (wheel slot 8) 88–91 Gobo 8 Shake (wheel slot 9) 92–95 Gobo 9 Shake (wheel slot 10) 96–99 Gobo 10 Shake (wheel slot 11) 100–103 Gobo 11 Shake (wheel slot 12) 104–107 Gobo 12 Shake (wheel slot 13) 108–111 Gobo 13 Shake (wheel slot 14) 112–115 Gobo 14 Shake (wheel slot 15) 116–119 Gobo 15 Shake (wheel slot 16) 120–123 Gobo 16 Shake (wheel slot 17) 124–127 Gobo 17 Shake (wheel slot 18) 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
14	Prism	0	0–4 Off (wheel slot 1) 5–255 Prism (wheel slot 2)
15	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 CW Prism Rotate - Fast > Slow 190–193 Stop 194–255 CCW Prism Rotate - Slow > Fast
16	Prism	0	0–4 Off (wheel slot 1) 5–255 Prism (wheel slot 2)
17	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 CW Prism Rotate - Fast > Slow 190–193 Stop 194–255 CCW Prism Rotate - Slow > Fast
18	Frost1	0	0–254 Min 255–255 Frost
19	Focus	127	
20	Focus Fine	255	Fine byte of Focus

21Ch Mode (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–29 No Function 30–39 Pan/Tilt Swap On 40–49 Pan/Tilt Swap Off 50–69 Reserved 70–79 Pan/Tilt Blackout On 80–89 Pan/Tilt Blackout Off 90–99 Color wheel Blackout On 100–109 Color wheel Blackout Off 110–119 Gobo wheel Blackout On 120–129 Gobo wheel Blackout Off 130–139 Lamp On 140–149 Pan/Tilt Reset 150–159 Colorwheel/CMY Reset 160–169 Gobo wheel Reset 170–179 Shutter/Prism Reset 180–189 Reserved 190–199 Focus/Frost Reset 200–209 All Reset 210–219 Blackout On 220–229 Blackout Off 230–239 Lamp Off 240–255 Reserved