Chauvet Professional

Maverick Force S Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 29 channels**
Beam angle	**4.1-40.4°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**265 × 404 × 236 mm**
GDTF fixture type	**F437E38F-7993-44CB-B230-52…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

22Ch Mode	22 ch
29Ch Mode	29 ch

22Ch Mode

22 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

22Ch Mode (continued)

Ch	Function	Default	DMX values
12	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) 60–62 Open - Split Colors 63–73 White/Red 74–78 Red 79–89 Red/Orange 90–94 Orange 95–105 Orange/Green 106–110 Green 111–121 Green/Magenta 122–126 Magenta 127–137 Magenta/UV 138–142 UV 143–153 UV/CRI 154–158 CRI 159–169 CRI/CTB 170–174 CTB 175–185 CTB/Open White 186–187 Open White 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
13	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 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
14	Gobo Rotation	32	0–31 CW Rotation 32–32 Home 33–63 CCW Rotation 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

22Ch Mode (continued)

Ch	Function	Default	DMX values
15	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 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
16	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
17	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
18	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet Prism (wheel slot 2)
19	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
20	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 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
21	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max

22Ch Mode (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–7 No Func - Custom 8–15 Pan/Tilt Blackout 16–23 Color Blackout 24–31 Gobo Blackout 32–39 Pan/Tilt/Color Blackout 40–47 Pan/Tilt/Gobo Blackout 48–55 Pan/Tilt/Color/Gobo Blackout 56–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–131 High Col Temp Gobo On 132–135 High Col Temp Gobo Off 136–143 Prism Reset 144–151 No Function 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY Reset 192–199 Fan Mode Eco 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–217 Fan TV25 Mode 218–220 Fan TV35 Mode 221–225 Iris Fast Mode 226–230 Iris Smooth Mode 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 Function

29Ch Mode

29 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	
7	Dimmer Fine	0	Fine byte of Dimmer

29Ch Mode (continued)

Ch	Function	Default	DMX values
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	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) 60–62 Open - Split Colors 63–73 White/Red 74–78 Red 79–89 Red/Orange 90–94 Orange 95–105 Orange/Green 106–110 Green 111–121 Green/Magenta 122–126 Magenta 127–137 Magenta/UV 138–142 UV 143–153 UV/CRI 154–158 CRI 159–169 CRI/CTB 170–174 CTB 175–185 CTB/Open White 186–187 Open White 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW

29Ch 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 Open (wheel slot 1) 128–128 Slow 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
15	Gobo Rotation	32	0–31 CW Rotation 32–63 Home 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–254 Short 255–255 Long
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	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 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus

29Ch Mode (continued)

Ch	Function	Default	DMX values
20	Focus2	0	0–10 No Func 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
21	Zoom	127	0–254 Wide 255–255 Narrow
22	Zoom Fine	255	Fine byte of Zoom
23	Prism	0	0–4 Open (wheel slot 1) 5–255 5-Facet Prism (wheel slot 2)
24	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
25	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 129–190 Slow > Fast 191–191 Fast 192–192 Slow 193–254 Slow > Fast 255–255 Fast
26	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Color Macro1	0	0–9 Off 10–14 Full CTO 15–20 1/2 CTO 21–255 CMY Macro
28	Color Macro1Rate	128	0–0 Fast 1–254 Fast > Slow 255–255 Slow

29Ch Mode (continued)

Ch	Function	Default	DMX values
29	Control1	0	0–7 No Func - Custom 8–15 Pan/Tilt Blackout 16–23 Color Blackout 24–31 Gobo Blackout 32–39 Pan/Tilt/Color Blackout 40–47 Pan/Tilt/Gobo Blackout 48–55 Pan/Tilt/Color/Gobo Blackout 56–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–131 High Col Temp Gobo On 132–135 High Col Temp Gobo Off 136–143 Prism Reset 144–151 No Function 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY Reset 192–199 Fan Mode Eco 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–217 Fan TV25 Mode 218–220 Fan TV35 Mode 221–225 Iris Fast Mode 226–230 Iris Smooth Mode 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 Function