Chauvet Professional

Maverick Force X Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 29 channels**
Beam angle	**3.5-56.3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**284 × 471 × 240 mm**
GDTF fixture type	**B507B18B-0CB6-4F4E-8C2A-73…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

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 8–76 Synchronized Strobe S > F 77–145 Pulse Strobe S > F 146–215 Strobe Random S > F 216–255 Open
8	Shutter1Strobe Effect	0	0–1 No Function 2–128 Shaking S > F 129–255 Fade S > F
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	0–6 Open (wheel slot 1) 7–13 Red (wheel slot 2) 14–20 Orange (wheel slot 3) 21–27 Magenta (wheel slot 4) 28–34 CTO 4300K (wheel slot 5) 35–41 CTO 3200K (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–187 Split (wheel slot 1) 188–219 F > S - Rotate CCW 220–223 Stop 224–255 S > F - Rotate CCW

22Ch Mode (continued)

Ch	Function	Default	DMX values
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) 128–191 S > F - Rotate CW 192–255 F > S - Rotate CCW
14	Gobo Rotation	0	0–63 Indexing 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–255 Rotate Back Forth
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) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
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	0–3 No Function 4–255 Prism - Prism (wheel slot 1)
19	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW

22Ch Mode (continued)

Ch	Function	Default	DMX values
20	Iris	0	0–63 Big >Small 64–127 Auto Change S > F 128–191 Slow Open Fast Close S > F 192–255 Slow Close Fast Open S > F
21	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Control1	0	0–7 No Function 8–15 Blackout P/T 16–23 Blackout Color 24–31 Blackout Gobo 32–39 Blackout P/T Color 40–47 Blackout P/T Gobo 48–55 Blackout P/T Color Gobo 56–56 No Function 57–57 PWM 600Hz 58–58 PWM 2000Hz 59–59 PWM 15000Hz 60–60 PWM 65000Hz 61–63 No Function 64–64 Dimmer Curve Linear 65–65 Dimmer Curve Square 66–66 Dimmer Curve I-Square 67–67 Dimmer Curve S-Curve 68–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Reset Color 120–127 Reset Gobo/Gobo Rotate 128–131 Auto CTB For Gobo On 132–135 Auto CTB For Gobo Off 136–143 Reset Prism 144–151 No Function 152–159 Reset All 160–175 Reset Iris 176–183 Reset Zoom 184–191 Reset CMY 192–199 Fan Mode Silent/ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode TV25 221–225 Fan Mode TV35 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 MinZoomFocus Off 246–250 MinZoomFocus On 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

29Ch Mode (continued)

Ch	Function	Default	DMX values
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 8–76 Synchronized Strobe S > F 77–145 Pulse Strobe S > F 146–215 Strobe Random S > F 216–255 Open
9	Shutter1Strobe Effect	0	0–1 No Function 2–128 Shaking S > F 129–255 Fade S > F
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 Magenta (wheel slot 4) 28–34 CTO 4300K (wheel slot 5) 35–41 CTO 3200K (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–187 Split (wheel slot 1) 188–219 F > S - Rotate CCW 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) 128–191 S > F - Rotate CW 192–255 F > S - Rotate CCW
15	Gobo Rotation	0	0–62 Indexing 63–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–255 Rotate Back Forth

29Ch Mode (continued)

Ch	Function	Default	DMX values
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) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Focus1Distance	0	0–10 No Function 11–30 0 5m 31–50 6m 51–70 7m 71–90 8m 91–110 9m 111–130 10m 131–150 12 5m 151–170 15m 171–190 17 5m 191–255 20-60m
21	Zoom	127	0–254 Wide 255–255 Narrow
22	Zoom Fine	255	Fine byte of Zoom
23	Prism	0	0–3 No Function 4–255 Prism - Prism (wheel slot 1)
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	0–63 Big >Small 64–127 Auto Change S > F 128–191 Slow Open Fast Close S > F 192–255 Slow Close Fast Open S > F
26	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Color Macro1	0	0–9 No Function 10–14 Full CTO 15–20 Half CTO 21–255 CMY Macro F > S

29Ch Mode (continued)

Ch	Function	Default	DMX values
28	Color Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Control1	0	0–7 No Function 8–15 Blackout P/T 16–23 Blackout Color 24–31 Blackout Gobo 32–39 Blackout P/T Color 40–47 Blackout P/T Gobo 48–55 Blackout P/T Color Gobo 56–56 No Function 57–57 PWM 600Hz 58–58 PWM 2000Hz 59–59 PWM 15000Hz 60–60 PWM 65000Hz 61–63 No Function 64–64 Dimmer Curve Linear 65–65 Dimmer Curve Square 66–66 Dimmer Curve I-Square 67–67 Dimmer Curve S-Curve 68–95 No Function 96–103 Pan Reset 104–111 Tilt Reset 112–119 Reset Color 120–127 Reset Gobo/Gobo Rotate 128–131 Auto CTB For Gobo On 132–135 Auto CTB For Gobo Off 136–143 Reset Prism 144–151 No Function 152–159 Reset All 160–175 Reset Iris 176–183 Reset Zoom 184–191 Reset CMY 192–199 Fan Mode Silent/ECO 200–207 Fan Mode Full 208–215 Fan Mode Auto 216–220 Fan Mode TV25 221–225 Fan Mode TV35 226–230 No Function 231–235 P/T Swap On 236–240 P/T Swap Off 241–245 MinZoomFocus Off 246–250 MinZoomFocus On 251–255 No Function