Chauvet Professional

Maverick MK1 Spot



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 29 channels**
Beam angle	**6.5-36.9°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**394 × 662 × 318 mm**
GDTF fixture type	**13A9B39D-F3A7-47AB-B468-31…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Mode2 22Ch	22 ch
Mode1 29Ch	29 ch

Mode2 22Ch

22 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
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 - Shutter Closed 4–7 Open - Shutter Open 8–76 S > F - Strobe 77–145 S > F - Strobe Pulse Random 146–215 S > F - Strobe Random 216–255 Open - Shutter Open
8	Shutter / Strobe 2	0	0–1 Open - Shutter Open 2–128 Shaking Strobe S > F - Strobe 129–255 Fade In/Out S > F - Strobe Pulse Random
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 - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Orange - Color (wheel slot 3) 21–27 Green - Color (wheel slot 4) 28–34 Blue - Color (wheel slot 5) 35–41 Magenta - Color (wheel slot 6) 42–48 UV - Color (wheel slot 7) 49–59 CTO - Color (wheel slot 8) 60–187 Split Colors - Color (wheel slot 9) 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
13	Gobo	0	0–7 Open - Gobo Open (wheel slot 1) 8–15 Gobo 1 - Gobo (wheel slot 2) 16–23 Gobo 2 - Gobo (wheel slot 3) 24–31 Gobo 3 - Gobo (wheel slot 4) 32–39 Gobo 4 - Gobo (wheel slot 5) 40–47 Gobo 5 - Gobo (wheel slot 6) 48–55 Gobo 6 - Gobo (wheel slot 7) 56–63 Gobo 7 - Gobo (wheel slot 8) 64–71 Gobo 7 Shake - Gobo Shake (wheel slot 8) 72–79 Gobo 6 Shake - Gobo Shake (wheel slot 7) 80–87 Gobo 5 Shake - Gobo Shake (wheel slot 6) 88–95 Gobo 4 Shake - Gobo Shake (wheel slot 5) 96–103 Gobo 3 Shake - Gobo Shake (wheel slot 4) 104–111 Gobo 2 Shake - Gobo Shake (wheel slot 3) 112–119 Gobo 1 Shake - Gobo Shake (wheel slot 2) 120–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW

Mode2 22Ch (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation	0	0–63 Indexing - Indexing 64–145 F > S - Rotate CW 146–149 Stop - Stop Loop 150–231 S > F - Rotate CCW 232–255 Bounce Effect - Gobo Shake
15	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–63 Gobo 7 - Gobo (wheel slot 8) 64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8) 71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7) 78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6) 85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4) 99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3) 106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2) 113–127 Open - Shutter 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 Narrow 1–254 Narrow > Wide 255–255 Wide
18	Prism	0	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Effect - Prism (wheel slot 2)
19	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
20	Iris	0	0–63 Big > Small - Iris 64–127 Auto Change S > F - Iris 128–191 Slow Zoom Out Fast Zoom In - Iris 192–255 Slow Zoom In Fast Zoom Out - Iris
21	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max

Mode2 22Ch (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–7 No Func - Custom 8–15 XY Blackout - Blackout 16–23 C Blackout - Blackout 24–31 G Blackout - Blackout 32–39 XYC Blackout - Blackout 40–47 XYG Blackout - Blackout 48–55 XYCG Blackout - Blackout 56–95 No Func - Custom 96–103 X Reset - Reset 104–111 Y Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Gobo Rotation Reset - Reset 128–135 No Func - Custom 136–143 Prism Reset - Reset 144–151 No Func - Custom 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–191 CMY Reset - Reset 192–199 Fan Low Speed - Speed 200–207 Fan Full Speed - Speed 208–215 Fan Auto - Custom 216–220 No Func - Custom 221–225 Iris Fast Mode - Speed 226–230 Iris Smooth Mode - Speed 231–235 XY Swap On - Custom 236–240 XY Swap Off - Custom 241–255 No Func - Custom

Mode1 29Ch

29 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
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 - Shutter Closed 4–7 Open - Shutter Open 8–76 S > F - Strobe 77–145 S > F - Strobe Pulse Random 146–215 S > F - Strobe Random 216–255 Open - Shutter Open
9	Shutter / Strobe 2	0	0–1 Open - Shutter Open 2–128 Shaking Strobe S > F - Strobe 129–255 Fade In/Out S > F - Strobe Pulse Random
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

Mode1 29Ch (continued)

Ch	Function	Default	DMX values
12	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Color Wheel	0	0–6 Open - Color (wheel slot 1) 7–13 Red - Color (wheel slot 2) 14–20 Orange - Color (wheel slot 3) 21–27 Green - Color (wheel slot 4) 28–34 Blue - Color (wheel slot 5) 35–41 Magenta - Color (wheel slot 6) 42–48 UV - Color (wheel slot 7) 49–59 CTO - Color (wheel slot 8) 60–187 Split Colors - Color (wheel slot 9) 188–219 F > S - Rotate CW 220–223 Stop - Stop Loop 224–255 S > F - Rotate CCW
14	Gobo	0	0–7 Open - Gobo Open (wheel slot 1) 8–15 Gobo 1 - Gobo (wheel slot 2) 16–23 Gobo 2 - Gobo (wheel slot 3) 24–31 Gobo 3 - Gobo (wheel slot 4) 32–39 Gobo 4 - Gobo (wheel slot 5) 40–47 Gobo 5 - Gobo (wheel slot 6) 48–55 Gobo 6 - Gobo (wheel slot 7) 56–63 Gobo 7 - Gobo (wheel slot 8) 64–71 Gobo 7 Shake - Gobo Shake (wheel slot 8) 72–79 Gobo 6 Shake - Gobo Shake (wheel slot 7) 80–87 Gobo 5 Shake - Gobo Shake (wheel slot 6) 88–95 Gobo 4 Shake - Gobo Shake (wheel slot 5) 96–103 Gobo 3 Shake - Gobo Shake (wheel slot 4) 104–111 Gobo 2 Shake - Gobo Shake (wheel slot 3) 112–119 Gobo 1 Shake - Gobo Shake (wheel slot 2) 120–127 Open - Gobo Open (wheel slot 1) 128–191 S > F - Rotate CW 192–255 S > F - Rotate CCW
15	Gobo Rotation	0	0–62 Indexing - Indexing 63–145 F > S - Rotate CW 146–149 Stop - Stop Loop 150–231 S > F - Rotate CCW 232–255 Bounce Effect - Gobo Shake
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–6 Open - Gobo Open (wheel slot 1) 7–13 Gobo 1 - Gobo (wheel slot 2) 14–20 Gobo 2 - Gobo (wheel slot 3) 21–27 Gobo 3 - Gobo (wheel slot 4) 28–34 Gobo 4 - Gobo (wheel slot 5) 35–41 Gobo 5 - Gobo (wheel slot 6) 42–48 Gobo 6 - Gobo (wheel slot 7) 49–63 Gobo 7 - Gobo (wheel slot 8) 64–70 Gobo 7 Shake - Gobo Shake (wheel slot 8) 71–77 Gobo 6 Shake - Gobo Shake (wheel slot 7) 78–84 Gobo 5 Shake - Gobo Shake (wheel slot 6) 85–91 Gobo 4 Shake - Gobo Shake (wheel slot 5) 92–98 Gobo 3 Shake - Gobo Shake (wheel slot 4) 99–105 Gobo 2 Shake - Gobo Shake (wheel slot 3) 106–112 Gobo 1 Shake - Gobo Shake (wheel slot 2) 113–127 Open - Shutter 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

Mode1 29Ch (continued)

Ch	Function	Default	DMX values
20	Focus1Distance	0	0–10 No Func - 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
21	Zoom	127	0–254 Narrow 255–255 Wide
22	Zoom Fine	255	Fine byte of Zoom
23	Prism	0	0–4 No Func - Custom (wheel slot 1) 5–255 Prism Effect - Prism (wheel slot 2)
24	Prism Rotation	0	0–127 Indexing - Indexing 128–189 F > S - Rotate CW 190–193 Stop - Stop Loop 194–255 S > F - Rotate CCW
25	Iris	0	0–63 Big > Small - Iris 64–127 Auto Change S > F - Iris 128–191 Slow Zoom Out Fast Zoom In - Iris 192–255 Slow Zoom In Fast Zoom Out - Iris
26	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Color Macro1	0	0–9 No Func - Custom 10–255 CMY Macro - Macro
28	Color Macro1Rate	0	0–0 Min 1–254 Min > Max 255–255 Max

Mode1 29Ch (continued)

Ch	Function	Default	DMX values
29	Control1	0	0–7 No Func - Custom 8–15 XY Blackout - Blackout 16–23 C Blackout - Blackout 24–31 G Blackout - Blackout 32–39 XYC Blackout - Blackout 40–47 XYG Blackout - Blackout 48–55 XYCG Blackout - Blackout 56–95 No Func - Custom 96–103 X Reset - Reset 104–111 Y Reset - Reset 112–119 Color Reset - Reset 120–127 Gobo Gobo Rotation Reset - Reset 128–135 No Func - Custom 136–143 Prism Reset - Reset 144–151 No Func - Custom 152–159 All Reset - Reset 160–167 Iris Reset - Reset 168–175 Frost Reset - Reset 176–183 Zoom Reset - Reset 184–191 CMY Reset - Reset 192–199 Fan Low Speed - Speed 200–207 Fan Full Speed - Speed 208–215 Fan Auto - Custom 216–220 No Func - Custom 221–225 Iris Fast Mode - Speed 226–230 Iris Smooth Mode - Speed 231–235 XY Swap On - Custom 236–240 XY Swap Off - Custom 241–255 No Func - Custom

Fixture model: gdtf-chauvet-professional-maverick-mk1-spot-97431
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...