Chauvet Professional

Maverick MK1 Hybrid



Manufacturer	**Chauvet Professional**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**27, 30 channels**
Beam angle	**1-41°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**283 × 419 × 289 mm**
GDTF fixture type	**208F304A-FB9D-11E5-94E2-F07…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Mode2 27Ch	27 ch
Mode1 30Ch	30 ch

Mode2 27Ch

27 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 - Shutter Closed 8–15 Open - Shutter Open 16–131 Strobe S > F - Strobe 132–167 Fast Close Slow Open - Strobe Pulse Closed 168–203 Slow Close Fast Open - Strobe Pulse Open 204–239 Pulse Strobe S > F - Strobe Pulse Random 240–247 Strobe Random S > F - Strobe Random 248–255 Open - Shutter 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
11	Color Wheel	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Lavender - Color (wheel slot 4) 91–109 Lavender - Color (wheel slot 5) 110–148 Lavender + CTO 3200K - Color (wheel slot 6) 149–151 CTO 3200K - Color (wheel slot 7) 152–190 CTO 3200K + Blue Wood - Color (wheel slot 8) 191–209 Blue Wood - Color (wheel slot 9) 210–250 Blue Wood + CTO 2500 - Color (wheel slot 10) 251–255 CTO 2500 - Color (wheel slot 11)
12	Color Wheel 2	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Dark Green - Color (wheel slot 4) 91–109 Dark Green - Color (wheel slot 5) 110–148 Dark Green + Dark Red - Color (wheel slot 6) 149–151 Dark Red - Color (wheel slot 7) 152–190 Dark Red + Dark Blue - Color (wheel slot 8) 191–209 Dark Blue - Color (wheel slot 9) 210–250 Dark Blue + HM Green - Color (wheel slot 10) 251–255 HM Green - Color (wheel slot 11)

Mode2 27Ch (continued)

Ch	Function	Default	DMX values
13	Color3	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Dark Orange - Color (wheel slot 4) 91–109 Dark Orange - Color (wheel slot 5) 110–148 Dark Orange + Light Orange - Color (wheel slot 6) 149–151 Light Orange - Color (wheel slot 7) 152–190 Light Orange + Light Green - Color (wheel slot 8) 191–209 Light Green - Color (wheel slot 9) 210–250 Light Green + Pink - Color (wheel slot 10) 251–255 Pink - Color (wheel slot 11)
14	Gobo	0	0–1 Open - Gobo Open (wheel slot 1) 2–6 Gobo 1 - Gobo (wheel slot 2) 7–9 Gobo 2 - Gobo (wheel slot 3) 10–14 Gobo 3 - Gobo (wheel slot 4) 15–17 Gobo 4 - Gobo (wheel slot 5) 18–20 Gobo 5 - Gobo (wheel slot 6) 21–25 Gobo 6 - Gobo (wheel slot 7) 26–27 Gobo 7 - Gobo (wheel slot 8) 28–33 Gobo 8 - Gobo (wheel slot 9) 34–36 Gobo 9 - Gobo (wheel slot 10) 37–39 Gobo 10 - Gobo (wheel slot 11) 40–44 Gobo 11 - Gobo (wheel slot 12) 45–47 Gobo 12 - Gobo (wheel slot 13) 48–52 Gobo 13 - Gobo (wheel slot 14) 53–55 Gobo 14 - Gobo (wheel slot 15) 56–58 Gobo 15 - Gobo (wheel slot 16) 59–63 Gobo 16 - Gobo (wheel slot 17) 64–66 Gobo 17 - Gobo (wheel slot 18) 67–69 Gobo 18 - Gobo (wheel slot 19) 70–113 F > S - Rotate CW 114–117 Stop - Stop Loop 118–159 S > F - Rotate CCW 160–165 Gobo 1 Shake - Gobo Shake (wheel slot 2) 166–170 Gobo 2 Shake - Gobo Shake (wheel slot 3) 171–175 Gobo 3 Shake - Gobo Shake (wheel slot 4) 176–181 Gobo 4 Shake - Gobo Shake (wheel slot 5) 182–186 Gobo 5 Shake - Gobo Shake (wheel slot 6) 187–191 Gobo 6 Shake - Gobo Shake (wheel slot 7) 192–197 Gobo 7 Shake - Gobo Shake (wheel slot 8) 198–202 Gobo 8 Shake - Gobo Shake (wheel slot 9) 203–207 Gobo 9 Shake - Gobo Shake (wheel slot 10) 208–214 Gobo 10 Shake - Gobo Shake (wheel slot 11) 215–218 Gobo 11 Shake - Gobo Shake (wheel slot 12) 219–223 Gobo 12 Shake - Gobo Shake (wheel slot 13) 224–229 Gobo 13 Shake - Gobo Shake (wheel slot 14) 230–234 Gobo 14 Shake - Gobo Shake (wheel slot 15) 235–239 Gobo 15 Shake - Gobo Shake (wheel slot 16) 240–245 Gobo 16 Shake - Gobo Shake (wheel slot 17) 246–250 Gobo 17 Shake - Gobo Shake (wheel slot 18) 251–255 Gobo 18 Shake - Gobo Shake (wheel slot 18)

Mode2 27Ch (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–18 Open - Gobo Open (wheel slot 1) 19–37 Gobo 1 - Gobo (wheel slot 2) 38–56 Gobo 2 - Gobo (wheel slot 3) 57–74 Gobo 3 - Gobo (wheel slot 4) 75–92 Gobo 4 - Gobo (wheel slot 5) 93–111 Gobo 5 - Gobo (wheel slot 6) 112–129 Gobo 6 - Gobo (wheel slot 7) 130–150 Gobo 1 Shake - Gobo Shake (wheel slot 2) 151–171 Gobo 2 Shake - Gobo Shake (wheel slot 3) 172–192 Gobo 3 Shake - Gobo Shake (wheel slot 4) 193–213 Gobo 4 Shake - Gobo Shake (wheel slot 5) 214–234 Gobo 5 Shake - Gobo Shake (wheel slot 6) 235–255 Gobo 6 Shake - Gobo Shake (wheel slot 7)
16	Gobo Rotation	0	0–127 Indexing 0-540 - Indexing 128–190 S > F - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
17	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Animation Wheel1Pos Rotate	0	0–124 F > S - Rotate CW 125–130 Stop - Stop Loop 131–255 Rotate CCW - Rotate CCW
19	Prism	0	0–4 Open - Custom (wheel slot 1) 5–255 Prism Engage - Prism (wheel slot 2)
20	Prism Rotation	0	0–127 Indexing 0-540 - Indexing 128–189 S > F - Rotate CW 190–193 Stop - Stop Loop 194–255 F > S - Rotate CCW
21	Prism	0	0–4 Open - Custom (wheel slot 1) 5–255 Prism Engage - Prism (wheel slot 2)
22	Prism Rotation	0	0–127 Indexing 0-540 - Indexing 128–189 Rotate CW - Rotate CW 190–193 Stop - Stop Loop 194–255 Rotate CCW - Rotate CCW
23	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
25	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
26	Zoom Mode	0	0–10 No Func - Custom 11–255 Beam Mode - Custom

Mode2 27Ch (continued)

Ch	Function	Default	DMX values
27	Control1	0	0–29 No Func - Custom 30–39 XY Swap On - Custom 40–49 XY Swap Off - Custom 50–59 Zoom/Auto Focus On - Custom 60–69 Zoom/Auto Focus Off - Custom 70–79 XY Blackout Enable - Blackout 80–89 XY Blackout Disable - Blackout 90–99 Color Blackout Enable - Blackout 100–109 Color Blackout Disable - Blackout 110–119 Gobo Blackout Enable - Blackout 120–129 Gobo Blackout Disable - Blackout 130–139 Lamp On - Lamp on 140–149 XY Reset - Reset 150–159 Head Reset - Reset 160–169 Auto Soft Filter On - Custom 170–179 Auto Soft Filter Off - Custom 180–199 No Func - Custom 200–209 All Reset - Reset 210–219 All Blackout Enable - Blackout 220–229 All Blackout Disable - Blackout 230–239 Lamp Off - Lamp off 240–255 No Func - Custom

Mode1 30Ch

30 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
8	Shutter / Strobe	12	0–7 Closed - Shutter Closed 8–15 Open - Shutter Open 16–131 Strobe S > F - Strobe 132–167 Fast Close Slow Open - Strobe Pulse Closed 168–203 Slow Close Fast Open - Strobe Pulse Open 204–239 Pulse Strobe S > F - Strobe Pulse Random 240–247 Strobe Random S > F - Strobe Random 248–255 Open - Shutter 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

Mode1 30Ch (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Lavender - Color (wheel slot 4) 91–109 Lavender - Color (wheel slot 5) 110–148 Lavender + CTO 3200K - Color (wheel slot 6) 149–151 CTO 3200K - Color (wheel slot 7) 152–190 CTO 3200K + Blue Wood - Color (wheel slot 8) 191–209 Blue Wood - Color (wheel slot 9) 210–250 Blue Wood + CTO 2500 - Color (wheel slot 10) 251–255 CTO 2500 - Color (wheel slot 11)
13	Color Wheel 2	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Dark Green - Color (wheel slot 4) 91–109 Dark Green - Color (wheel slot 5) 110–148 Dark Green + Dark Red - Color (wheel slot 6) 149–151 Dark Red - Color (wheel slot 7) 152–190 Dark Red + Dark Blue - Color (wheel slot 8) 191–209 Dark Blue - Color (wheel slot 9) 210–250 Dark Blue + HM Green - Color (wheel slot 10) 251–255 HM Green - Color (wheel slot 11)
14	Color3	0	0–25 White - Color (wheel slot 1) 26–30 White + Beam Softener - Color (wheel slot 2) 31–69 Beam Softener - Color (wheel slot 3) 70–90 Beam Softener + Dark Orange - Color (wheel slot 4) 91–109 Dark Orange - Color (wheel slot 5) 110–148 Dark Orange + Light Orange - Color (wheel slot 6) 149–151 Light Orange - Color (wheel slot 7) 152–190 Light Orange + Light Green - Color (wheel slot 8) 191–209 Light Green - Color (wheel slot 9) 210–250 Light Green + Pink - Color (wheel slot 10) 251–255 Pink - Color (wheel slot 11)

Mode1 30Ch (continued)

Ch	Function	Default	DMX values
15	Gobo	0	0–3 Open - Gobo Open (wheel slot 1) 4–7 Gobo 1 - Gobo (wheel slot 2) 8–11 Gobo 2 - Gobo (wheel slot 3) 12–15 Gobo 3 - Gobo (wheel slot 4) 16–18 Gobo 4 - Gobo (wheel slot 5) 19–22 Gobo 5 - Gobo (wheel slot 6) 23–26 Gobo 6 - Gobo (wheel slot 7) 27–30 Gobo 7 - Gobo (wheel slot 8) 31–34 Gobo 8 - Gobo (wheel slot 9) 35–37 Gobo 9 - Gobo (wheel slot 10) 38–41 Gobo 10 - Gobo (wheel slot 11) 42–45 Gobo 11 - Gobo (wheel slot 12) 46–49 Gobo 12 - Gobo (wheel slot 13) 50–53 Gobo 13 - Gobo (wheel slot 14) 54–56 Gobo 14 - Gobo (wheel slot 15) 57–60 Gobo 15 - Gobo (wheel slot 16) 61–64 Gobo 16 - Gobo (wheel slot 17) 65–68 Gobo 17 - Gobo (wheel slot 18) 69–69 Gobo 18 - Gobo (wheel slot 19) 70–113 F > S - Rotate CW 114–117 Stop - Stop Loop 118–159 S > F - Rotate CCW 160–165 Gobo 1 Shake - Gobo Shake (wheel slot 2) 166–170 Gobo 2 Shake - Gobo Shake (wheel slot 3) 171–175 Gobo 3 Shake - Gobo Shake (wheel slot 4) 176–181 Gobo 4 Shake - Gobo Shake (wheel slot 5) 182–186 Gobo 5 Shake - Gobo Shake (wheel slot 6) 187–191 Gobo 6 Shake - Gobo Shake (wheel slot 7) 192–197 Gobo 7 Shake - Gobo Shake (wheel slot 8) 198–202 Gobo 8 Shake - Gobo Shake (wheel slot 9) 203–207 Gobo 9 Shake - Gobo Shake (wheel slot 10) 208–214 Gobo 10 Shake - Gobo Shake (wheel slot 11) 215–218 Gobo 11 Shake - Gobo Shake (wheel slot 12) 219–223 Gobo 12 Shake - Gobo Shake (wheel slot 13) 224–229 Gobo 13 Shake - Gobo Shake (wheel slot 14) 230–234 Gobo 14 Shake - Gobo Shake (wheel slot 15) 235–239 Gobo 15 Shake - Gobo Shake (wheel slot 16) 240–245 Gobo 16 Shake - Gobo Shake (wheel slot 17) 246–250 Gobo 17 Shake - Gobo Shake (wheel slot 18) 251–255 Gobo 18 Shake - Gobo Shake (wheel slot 18)
16	Gobo 2	0	0–18 Open - Gobo Open (wheel slot 1) 19–37 Gobo 1 - Gobo (wheel slot 2) 38–56 Gobo 2 - Gobo (wheel slot 3) 57–74 Gobo 3 - Gobo (wheel slot 4) 75–92 Gobo 4 - Gobo (wheel slot 5) 93–111 Gobo 5 - Gobo (wheel slot 6) 112–129 Gobo 6 - Gobo (wheel slot 7) 130–150 Gobo 1 Shake - Gobo Shake (wheel slot 2) 151–171 Gobo 2 Shake - Gobo Shake (wheel slot 3) 172–192 Gobo 3 Shake - Gobo Shake (wheel slot 4) 193–213 Gobo 4 Shake - Gobo Shake (wheel slot 5) 214–234 Gobo 5 Shake - Gobo Shake (wheel slot 6) 235–255 Gobo 6 Shake - Gobo Shake (wheel slot 7)
17	Gobo Rotation	0	0–127 Indexing 0-540 - Indexing 128–190 S > F - Rotate CW 191–192 Stop - Stop Loop 193–255 S > F - Rotate CCW
18	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
19	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max

Mode1 30Ch (continued)

Ch	Function	Default	DMX values
20	Animation Wheel1Pos Rotate	0	0–124 F > S - Rotate CW 125–130 Stop - Stop Loop 131–255 Rotate CCW - Rotate CCW
21	Prism	0	0–3 Open - Custom (wheel slot 1) 4–255 Prism Engage - Prism (wheel slot 2)
22	Prism Fine	0	Fine byte of Prism
23	Prism	0	0–4 Open - Custom (wheel slot 1) 5–255 Prism Engage - Prism (wheel slot 2)
24	Prism Rotation	0	0–127 Indexing 0-540 - Indexing 128–189 Rotate CW - Rotate CW 190–193 Stop - Stop Loop 194–255 Rotate CCW - Rotate CCW
25	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Zoom	127	0–0 Narrow 1–254 Narrow > Wide 255–255 Wide
27	Focus	127	
28	Focus Fine	255	Fine byte of Focus
29	Zoom Mode	0	0–10 No Func - Custom 11–255 Beam Mode - Custom
30	Control1	0	0–29 No Func - Custom 30–39 XY Swap On - Custom 40–49 XY Swap Off - Custom 50–59 Zoom/Auto Focus On - Custom 60–69 Zoom/Auto Focus Off - Custom 70–79 XY Blackout Enable - Blackout 80–89 XY Blackout Disable - Blackout 90–99 Color Blackout Enable - Blackout 100–109 Color Blackout Disable - Blackout 110–119 Gobo Blackout Enable - Blackout 120–129 Gobo Blackout Disable - Blackout 130–139 Lamp On - Lamp on 140–149 XY Reset - Reset 150–159 Head Reset - Reset 160–169 Auto Soft Filter On - Custom 170–179 Auto Soft Filter Off - Custom 180–199 No Func - Custom 200–209 All Reset - Reset 210–219 All Blackout Enable - Blackout 220–229 All Blackout Disable - Blackout 230–239 Lamp Off - Lamp off 240–255 No Func - Custom