Chauvet Professional

Maverick MK3 Profile CX



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 54 channels**
Beam angle	**5.9-61.4°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**307 × 509 × 275 mm**
GDTF fixture type	**70DC2CE5-8B29-497A-97FC-54…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

38Ch Mode	38 ch
54Ch Mode	54 ch

38Ch Mode

38 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 0.466–24.6 Hz 76–76 STROBE · Fast 25 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.466–24.6 Hz 145–145 PULSE STROBE · Fast 25 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.461–24.6 Hz 215–215 RANDOM STROBE · Fast 25 Hz 216–255 Open
8	Shutter / Strobe 2	0	0–1 Open 2–2 VIRTUAL SHAKE strobe · Slow 0.1 Hz 3–127 VIRTUAL SHAKE strobe · Slow > Fast 0.298–24.8 Hz 128–128 VIRTUAL SHAKE strobe · Fast 25 Hz 129–129 VIRTUAL FADE strobe · Slow 0.1 Hz 130–254 VIRTUAL FADE strobe · Slow > Fast 0.298–24.8 Hz 255–255 VIRTUAL FADE strobe · Fast 25 Hz
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	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max

38Ch Mode (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Orange (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Yellow (wheel slot 5) 40–47 Dark Blue (wheel slot 6) 48–59 CTB (wheel slot 7) 60–60 Open - Split Colors (wheel slot 1) 61–78 White/Red - Color Split 79–79 Red (wheel slot 2) 80–96 Red/Orange - Color Split 97–97 Orange (wheel slot 3) 98–113 Orange/Green - Color Split 114–114 Green (wheel slot 4) 115–132 Green/Yellow - Color Split 133–133 Yellow (wheel slot 5) 134–152 Yellow/Dark Blue - Color Split 153–153 Dark Blue (wheel slot 6) 154–168 Dark Blue/CTB - Color Split 169–169 CTB (wheel slot 7) 170–186 CTB/Open White 187–187 Open White (wheel slot 1) 188–219 F > S - Rotate CW 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) 128–128 Slow - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–192 Slow - Rotate CCW 193–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
15	Gobo Rotation	0	0–63 Indexing 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

38Ch Mode (continued)

Ch	Function	Default	DMX values
16	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 - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–193 Slow - Rotate CCW 194–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
17	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop 131–255 S > F - Rotate CCW
19	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Blade1B	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Blade2B	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Blade3B	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Blade4B	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Shaper Rot	127	0–0 Min 1–254 Min > Max 255–255 Max

38Ch Mode (continued)

Ch	Function	Default	DMX values
28	Focus	127	0–0 Min 1–254 Min > Max 255–255 Max
29	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
30	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism Effect (wheel slot 2)
31	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
32	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism Effect (wheel slot 2)
33	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
34	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
35	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
36	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max
37	No Feature	0	

38Ch Mode (continued)

Ch	Function	Default	DMX values
38	Control1	0	0–7 Off 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 Func 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Func 136–143 Prism Reset 144–151 Framing Shutter Reset 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY Reset 192–199 Fan Slow Speed 200–207 Fan Full Speed 208–215 Fan Auto 216–220 No Func 221–225 Iris Fast Mode 226–230 Iris Smooth Mode 231–235 Pan/Tilt Swap On 236–240 Pan/Tilt Swap Off 241–245 No Func 246–250 Pan/Tilt Fast Mode 251–255 Pan/Tilt Smooth Mode

54Ch Mode

54 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

54Ch 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 0.466–24.6 Hz 76–76 STROBE · Fast 25 Hz 77–77 PULSE STROBE · Slow 0.1 Hz 78–144 PULSE STROBE · Slow > Fast 0.466–24.6 Hz 145–145 PULSE STROBE · Fast 25 Hz 146–146 RANDOM STROBE · Slow 0.1 Hz 147–214 RANDOM STROBE · Slow > Fast 0.461–24.6 Hz 215–215 RANDOM STROBE · Fast 25 Hz 216–255 Open
9	Shutter / Strobe 2	0	0–1 Open 2–2 VIRTUAL SHAKE strobe · Slow 0.1 Hz 3–127 VIRTUAL SHAKE strobe · Slow > Fast 0.298–24.8 Hz 128–128 VIRTUAL SHAKE strobe · Fast 25 Hz 129–129 VIRTUAL FADE strobe · Slow 0.1 Hz 130–254 VIRTUAL FADE strobe · Slow > Fast 0.298–24.8 Hz 255–255 VIRTUAL FADE strobe · Fast 25 Hz
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	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Red (wheel slot 2) 16–23 Orange (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Yellow (wheel slot 5) 40–47 Dark Blue (wheel slot 6) 48–59 CTB (wheel slot 7) 60–60 Open - Split Colors (wheel slot 1) 61–78 White/Red - Color Split 79–79 Red (wheel slot 2) 80–96 Red/Orange - Color Split 97–97 Orange (wheel slot 3) 98–113 Orange/Green - Color Split 114–114 Green (wheel slot 4) 115–132 Green/Yellow - Color Split 133–133 Yellow (wheel slot 5) 134–152 Yellow/Dark Blue - Color Split 153–153 Dark Blue (wheel slot 6) 154–168 Dark Blue/CTB - Color Split 169–169 CTB (wheel slot 7) 170–186 CTB/Open White 187–187 Open White (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW

54Ch Mode (continued)

Ch	Function	Default	DMX values
15	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 - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–192 Slow - Rotate CCW 193–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
16	Gobo Rotation	0	0–63 Indexing 64–145 F > S - Rotate CW 146–149 Stop 150–231 S > F - Rotate CCW 232–254 Short 255–255 Long
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	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 - Rotate CW 129–190 S > F - Rotate CW 191–191 Fast - Rotate CW 192–193 Slow - Rotate CCW 194–254 S > F - Rotate CCW 255–255 Fast - Rotate CCW
19	Animation Wheel1	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Animation Wheel1Pos Rotate	128	0–124 F > S - Rotate CW 125–130 Stop 131–255 S > F - Rotate CCW

54Ch Mode (continued)

Ch	Function	Default	DMX values
21	Blade1A	0	
22	Blade1A Fine	0	Fine byte of Blade1A
23	Blade1B	0	
24	Blade1B Fine	0	Fine byte of Blade1B
25	Blade2A	0	
26	Blade2A Fine	0	Fine byte of Blade2A
27	Blade2B	0	
28	Blade2B Fine	0	Fine byte of Blade2B
29	Blade3A	0	
30	Blade3A Fine	0	Fine byte of Blade3A
31	Blade3B	0	
32	Blade3B Fine	0	Fine byte of Blade3B
33	Blade4A	0	
34	Blade4A Fine	0	Fine byte of Blade4A
35	Blade4B	0	
36	Blade4B Fine	0	Fine byte of Blade4B
37	Shaper Rot	0	
38	Shaper Rot Fine	0	Fine byte of Shaper Rot
39	Focus	127	
40	Focus Fine	255	Fine byte of Focus
41	Focus2	0	0–10 Off 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
42	Zoom	127	0–254 Wide 255–255 Narrow
43	Zoom Fine	255	Fine byte of Zoom
44	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism Effect (wheel slot 2)
45	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
46	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism Effect (wheel slot 2)
47	Prism Rotation	0	0–127 Indexing 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW

54Ch Mode (continued)

Ch	Function	Default	DMX values
48	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
49	Frost1	0	0–0 Min 1–254 Min > Max 255–255 Max
50	Frost2	0	0–0 Min 1–254 Min > Max 255–255 Max
51	No Feature	0	
52	Color Macro1	0	0–9 CMY Macro Off 10–255 CMY Macro
53	Color Macro1Rate	0	0–0 Fast 1–254 Fast > Slow 255–255 Slow
54	Control1	0	0–7 Off 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 Func 96–103 Pan Reset 104–111 Tilt Reset 112–119 Color Reset 120–127 Gobo Reset 128–135 No Func 136–143 Prism Reset 144–151 Framing Shutter Reset 152–159 All Reset 160–167 Iris Reset 168–175 Frost Reset 176–183 Zoom Reset 184–191 CMY Reset 192–199 Fan Slow Speed 200–207 Fan Full Speed 208–215 Fan Auto 216–220 No Func 221–225 Iris Fast Mode 226–230 Iris Smooth Mode 231–235 Pan/Tilt Swap On 236–240 Pan/Tilt Swap Off 241–245 No Func 246–250 Pan/Tilt Fast Mode 251–255 Pan/Tilt Smooth Mode