Chauvet Professional

Maverick Force 2 Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**33, 50 channels**
Beam angle	**6.8-55.9°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**284 × 449 × 270 mm**
GDTF fixture type	**F2344D0E-7EF0-4253-A54E-68…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

33ch	33 ch
50ch	50 ch

33ch

33 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–126 Fast 127–254 Medium 255–255 Slow
6	Dimmer	0	0–126 Min 127–254 50% 255–255 Max
7	Shutter / Strobe	7	0–3 Closed 4–7 Open 8–33 Strobe · Slow 0.1–7.42 Hz 34–75 Strobe · Medium 7.71–19.7 Hz 76–76 Strobe · Fast 20 Hz 77–110 Pulse · Slow 0.1–9.76 Hz 111–144 Pulse · Medium 10–19.7 Hz 145–145 Pulse · Fast 20 Hz 146–179 Strobe Random · Slow 0.1–9.62 Hz 180–214 Strobe Random · Medium 9.91–19.7 Hz 215–215 Strobe Random · Fast 20 Hz 255–255 Open
8	Effect	0	0–1 No function 2–128 Shaking effect slow to fast 129–255 Fading effect slow to fast
9	Cyan	0	0–127 Min 128–254 50% 255–255 Max
10	Magenta	0	0–127 Min 128–254 50% 255–255 Max
11	Yellow	0	0–127 Min 128–254 50% 255–255 Max
12	C TO	0	
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 Ultraviolet (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–187 Indexing 188–219 Color scroll fast to slow 220–223 Stop 224–255 Reverse color scroll slow to fast

33ch (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–7 Open (wheel slot 1) 8–15 Sail Boats (wheel slot 2) 16–23 Radial Dot (wheel slot 3) 24–31 Dots (wheel slot 4) 32–39 Bolts (wheel slot 5) 40–47 Shower Glass (wheel slot 6) 48–55 Ballistic Clouds (wheel slot 7) 56–71 Four Eyes (wheel slot 8) 72–79 Ballistic Clouds (wheel slot 7) 80–87 Shower Glass (wheel slot 6) 88–95 Bolts (wheel slot 5) 96–103 Dots (wheel slot 4) 104–111 Radial Dot (wheel slot 3) 112–119 Sail Boats (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 Gobo Scroll slow to fast 192–255 Reverse gobo scroll slow to fast
15	Gobo Rotation	147	0–63 Rotating gobo index 64–145 Gobo rotation fast to slow 146–149 Stop 150–231 Reverse gobo rotation slow to fast 232–255 Bounce effect
16	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 Sail Boats (wheel slot 2) 16–23 Radial Dot (wheel slot 3) 24–31 Dots (wheel slot 4) 32–39 Bolts (wheel slot 5) 40–47 Shower Glass (wheel slot 6) 48–55 Ballistic Clouds (wheel slot 7) 56–63 Four Eyes (wheel slot 8) 64–71 Indigo Square Breakup (wheel slot 8) 72–79 Color Weave (wheel slot 7) 80–87 Granny Sue (wheel slot 6) 88–95 Chess (wheel slot 5) 96–103 Brick Wall (wheel slot 4) 104–111 Abstracts (wheel slot 3) 112–119 Spiral (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 Gobo Scroll slow to fast 192–255 Reverse gobo scroll slow to fast
17	Gobo Rotation 2	147	0–63 Rotating gobo index 64–145 Gobo rotation fast to slow 146–149 Stop 150–231 Reverse gobo rotation slow to fast 232–255 Bounce effect
18	Blade4A	0	0–126 Min 127–254 50% 255–255 Max
19	Blade4B	0	0–126 Min 127–254 50% 255–255 Max
20	Blade1A	0	0–126 Min 127–254 50% 255–255 Max
21	Blade1B	0	0–126 Min 127–254 50% 255–255 Max
22	Blade2A	0	0–126 Min 127–254 50% 255–255 Max

33ch (continued)

Ch	Function	Default	DMX values
23	Blade2B	0	0–126 Min 127–254 50% 255–255 Max
24	Blade3A	0	0–126 Min 127–254 50% 255–255 Max
25	Blade3B	0	0–126 Min 127–254 50% 255–255 Max
26	Shaper Rot	127	0–126 Min 127–254 Home 255–255 Max
27	Focus	135	
28	Zoom	127	0–126 Wide 127–254 Center 255–255 Narrow
29	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism On (wheel slot 2)
30	Prism Rotation	0	0–127 Rotating prism index 128–189 Prism rotation fast to slow 190–193 Stop 194–255 Prism rotation slow to fast
31	Iris	0	0–62 Open 63–63 Close 64–127 Auto change slow to fast 128–191 Slow open fast close 192–255 Slow close fast open
32	Frost1	0	

33ch (continued)

Ch	Function	Default	DMX values
33	Control1	0	0–7 No function 8–15 XY blackout 16–23 C blackout 24–31 G blackout 32–39 XY/C blackout 40–47 XY/G blackout 48–55 XY/C/G blackout 56–95 No function 96–103 X reset 104–111 Y reset 112–119 Color reset 120–127 Gobo wheels and rotation reeset 128–131 High color temperature gobo on 132–135 High color temperature gobo off 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 ECO mode 200–207 Fan full speed 208–215 Fan auto 216–217 Fan TV25 mode 218–220 Fan TV35 mode 221–225 Iris fast mode 226–230 Iris smooth mode 231–235 XY swap on 236–240 XY swap off 241–245 Minimum zoom focus on 246–250 Minimum zoom focus off 251–255 No function

50ch

50 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–126 Fast 127–254 Medium 255–255 Slow
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	7	0–3 Closed 4–7 Open 8–33 Strobe · Slow 0.1–7.42 Hz 34–75 Strobe · Medium 7.71–19.7 Hz 76–76 Strobe · Fast 20 Hz 77–110 Pulse · Slow 0.1–9.76 Hz 111–144 Pulse · Medium 10–19.7 Hz 145–145 Pulse · Fast 20 Hz 146–179 Strobe Random · Slow 0.1–9.62 Hz 180–214 Strobe Random · Medium 9.91–19.7 Hz 215–215 Strobe Random · Fast 20 Hz 255–255 Open

50ch (continued)

Ch	Function	Default	DMX values
9	Effect	0	0–1 No function 2–128 Shaking effect slow to fast 129–255 Fading effect slow to fast
10	Cyan	0	0–127 Min 128–254 50% 255–255 Max
11	Magenta	0	0–127 Min 128–254 50% 255–255 Max
12	Yellow	0	0–127 Min 128–254 50% 255–255 Max
13	C TO	0	
14	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 Ultraviolet (wheel slot 6) 42–48 CRI (wheel slot 7) 49–59 CTB (wheel slot 8) 60–187 Indexing 188–219 Color scroll fast to slow 220–223 Stop 224–255 Reverse color scroll slow to fast
15	Gobo	0	0–7 Open (wheel slot 1) 8–15 Sail Boats (wheel slot 2) 16–23 Radial Dot (wheel slot 3) 24–31 Dots (wheel slot 4) 32–39 Bolts (wheel slot 5) 40–47 Shower Glass (wheel slot 6) 48–55 Ballistic Clouds (wheel slot 7) 56–71 Four Eyes (wheel slot 8) 72–79 Ballistic Clouds (wheel slot 7) 80–87 Shower Glass (wheel slot 6) 88–95 Bolts (wheel slot 5) 96–103 Dots (wheel slot 4) 104–111 Radial Dot (wheel slot 3) 112–119 Sail Boats (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 Gobo Scroll slow to fast 192–255 Reverse gobo scroll slow to fast
16	Gobo Rotation	147	0–63 Rotating gobo index 64–145 Gobo rotation fast to slow 146–149 Stop 150–231 Reverse gobo rotation slow to fast 232–255 Bounce effect
17	Gobo Rotation Fine	128	Fine byte of Gobo Rotation

50ch (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 Sail Boats (wheel slot 2) 16–23 Radial Dot (wheel slot 3) 24–31 Dots (wheel slot 4) 32–39 Bolts (wheel slot 5) 40–47 Shower Glass (wheel slot 6) 48–55 Ballistic Clouds (wheel slot 7) 56–63 Four Eyes (wheel slot 8) 64–71 Indigo Square Breakup (wheel slot 8) 72–79 Color Weave (wheel slot 7) 80–87 Granny Sue (wheel slot 6) 88–95 Chess (wheel slot 5) 96–103 Brick Wall (wheel slot 4) 104–111 Abstracts (wheel slot 3) 112–119 Spiral (wheel slot 2) 120–127 Open (wheel slot 1) 128–191 Gobo Scroll slow to fast 192–255 Reverse gobo scroll slow to fast
19	Gobo Rotation 2	147	0–63 Rotating gobo index 64–145 Gobo rotation fast to slow 146–149 Stop 150–231 Reverse gobo rotation slow to fast 232–255 Bounce effect
20	Gobo Rotation 2 Fine	128	Fine byte of Gobo Rotation 2
21	Blade4A	0	0–126 Min 127–254 50% 255–255 Max
22	Blade4A Fine	0	Fine byte of Blade4A
23	Blade4B	0	0–126 Min 127–254 50% 255–255 Max
24	Blade4B Fine	0	Fine byte of Blade4B
25	Blade1A	0	0–126 Min 127–254 50% 255–255 Max
26	Blade1A Fine	0	Fine byte of Blade1A
27	Blade1B	0	0–126 Min 127–254 50% 255–255 Max
28	Blade1B Fine	0	Fine byte of Blade1B
29	Blade2A	0	0–126 Min 127–254 50% 255–255 Max
30	Blade2A Fine	0	Fine byte of Blade2A
31	Blade2B	0	0–126 Min 127–254 50% 255–255 Max
32	Blade2B Fine	0	Fine byte of Blade2B
33	Blade3A	0	0–126 Min 127–254 50% 255–255 Max
34	Blade3A Fine	0	Fine byte of Blade3A
35	Blade3B	0	0–126 Min 127–254 50% 255–255 Max
36	Blade3B Fine	0	Fine byte of Blade3B

50ch (continued)

Ch	Function	Default	DMX values
37	Shaper Rot	127	0–126 Min 127–254 Home 255–255 Max
38	Shaper Rot Fine	255	Fine byte of Shaper Rot
39	Focus	135	
40	Focus Fine	173	Fine byte of Focus
41	Focus1Distance	0	0–10 No function 11–30 0-5 m 31–50 6 m 51–70 7 m 71–90 8 m 91–110 9 m 111–130 10 m 131–150 12 m 151–170 15 m 171–190 17 m 191–210 20-60 m 211–255 Auto-detect distance
42	Zoom	128	0–127 Wide 128–254 Center 255–255 Narrow
43	Zoom Fine	0	Fine byte of Zoom
44	Prism	0	0–4 Open (wheel slot 1) 5–255 Prism On (wheel slot 2)
45	Prism Rotation	192	0–127 Rotating prism index 128–189 Prism rotation fast to slow 190–193 Stop 194–255 Prism rotation slow to fast
46	Iris	0	0–62 Open 63–63 Close 64–127 Auto change slow to fast 128–191 Slow open fast close 192–255 Slow close fast open
47	Frost1	0	
48	Color Macro1	0	0–9 No function 10–255 CMY Macro
49	Color Macro1Rate	0	

50ch (continued)

Ch	Function	Default	DMX values
50	Control1	0	0–7 No function 8–15 XY blackout 16–23 C blackout 24–31 G blackout 32–39 XY/C blackout 40–47 XY/G blackout 48–55 XY/C/G blackout 56–95 No function 96–103 X reset 104–111 Y reset 112–119 Color reset 120–127 Gobo wheels and rotation reeset 128–131 High color temperature gobo on 132–135 High color temperature gobo off 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 ECO mode 200–207 Fan full speed 208–215 Fan auto 216–217 Fan TV25 mode 218–220 Fan TV35 mode 221–225 Iris fast mode 226–230 Iris smooth mode 231–235 XY swap on 236–240 XY swap off 241–245 Minimum zoom focus on 246–250 Minimum zoom focus off 251–255 No function