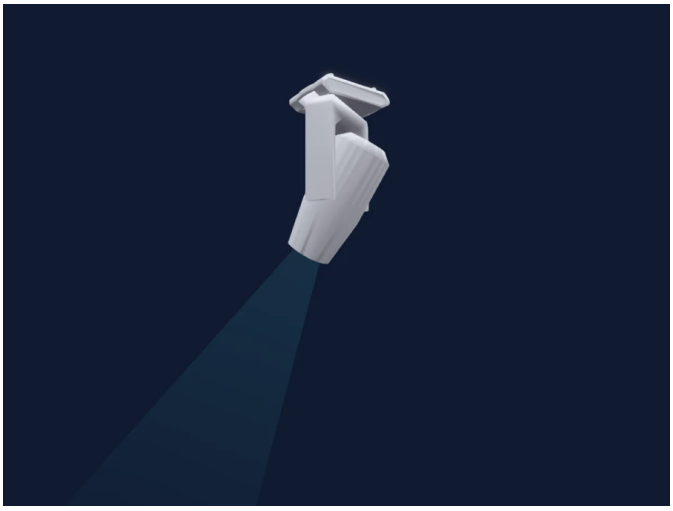
Chauvet Professional

Maverick Silens 2X Profile



Manufacturer	**Chauvet Professional**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**32, 33, 41, 42 channels**
Beam angle	**5-54°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**341 × 601 × 279 mm**
GDTF fixture type	**C47466CF-AAD1-45EC-8DF7-0D…**

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

32Ch Mode	32 ch
33Ch Mode	33 ch
41Ch Mode	41 ch
42Ch Mode	42 ch

32Ch Mode

32 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	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Slow 0.1 Hz 12–81 STROBE · Slow > Fast 0.38–19.7 Hz 82–82 STROBE · Fast 20 Hz 83–93 Open 94–94 PULSE STROBE · Slow 0.1 Hz 95–162 PULSE STROBE · Slow > Fast 0.388–19.7 Hz 163–163 PULSE STROBE · Fast 20 Hz 164–174 Open 175–175 RANDOM STROBE · Slow 0.1 Hz 176–243 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 244–244 RANDOM STROBE · Fast 20 Hz 245–255 Open
7	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
10	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max

32Ch Mode (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Red (wheel slot 2) 10–13 Orange (wheel slot 3) 14–18 Dark Green (wheel slot 4) 19–22 Cyan (wheel slot 5) 23–27 Congo Blue (wheel slot 6) 28–31 UV (wheel slot 7) 32–32 Open (wheel slot 1) 33–51 Open/Red 52–56 Red (wheel slot 2) 57–73 Red/Orange 74–78 Orange (wheel slot 3) 79–95 Orange/Dark Green 96–100 Dark Green (wheel slot 4) 101–117 Dark Green/Cyan 118–123 Cyan (wheel slot 5) 124–139 Cyan/Congo Blue 140–144 Congo Blue (wheel slot 6) 145–161 Congo Blue/UV 162–166 UV (wheel slot 7) 167–184 UV/Open 185–187 Open (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
12	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–55 Gobo 1 Shake (wheel slot 2) 56–70 Gobo 2 Shake (wheel slot 3) 71–85 Gobo 3 Shake (wheel slot 4) 86–100 Gobo 4 Shake (wheel slot 5) 101–105 Gobo 5 Shake (wheel slot 6) 106–130 Gobo 6 Shake (wheel slot 7) 131–145 Gobo 7 Shake (wheel slot 8) 146–146 Slow 147–199 Slow > Fast 200–200 Fast 201–201 Slow 202–254 Slow > Fast 255–255 Fast
13	Gobo Rotation	0	0–0 Min 1–190 Min > Max 191–191 Max 192–221 F > S - Rotate CW 222–225 Stop 226–255 S > F - Rotate CCW

32Ch Mode (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–60 Gobo 1 Shake (wheel slot 2) 61–75 Gobo 2 Shake (wheel slot 3) 76–90 Gobo 3 Shake (wheel slot 4) 91–105 Gobo 4 Shake (wheel slot 5) 106–120 Gobo 5 Shake (wheel slot 6) 121–135 Gobo 6 Shake (wheel slot 7) 136–150 Gobo 7 Shake (wheel slot 8) 151–165 Gobo 8 Shake (wheel slot 9) 166–166 Slow 167–209 Slow > Fast 210–210 Fast 211–211 Slow 212–254 Slow > Fast 255–255 Fast
15	Animation Wheel1	0	0–3 Open (wheel slot 1) 4–126 F > S - Rotate CW 127–131 Stop 132–255 S > F - Rotate CCW
16	Shaper Rot	128	0–127 Left > Center - Rotate CW 128–128 Stop 129–255 Center To Right - Rotate CW
17	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Blade1B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
19	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Blade2B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
21	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Blade3B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
23	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Blade4B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
25	Focus	127	0–0 Min 1–254 Home 255–255 Max

32Ch Mode (continued)

Ch	Function	Default	DMX values
26	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
27	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
28	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
29	Iris	0	0–0 Open 1–191 Open > Closed 192–192 Closed 193–193 Slow 194–212 Slow > Fast 213–213 Fast 214–214 Slow 215–233 Slow > Fast 234–234 Fast 235–235 Slow 236–254 Slow > Fast 255–255 Fast
30	Frost1	0	
31	Frost1 Fine	0	Fine byte of Frost1
32	Control1	0	0–7 Off 8–15 Reset All 16–23 Pan/Tilt Reset 24–31 Effects Reset 32–39 Gobo Reset 40–47 Shutter Module Reset 48–55 Other Reset 56–63 Color Reset 64–71 Absolute Silence Off 72–79 Absolute Silence On 80–87 Steady Mode - Off 88–95 Steady Mode - 1 96–103 Steady Mode - 2 104–111 Linear Dimmer 112–119 Square Dimmer Curve 120–127 Inverse Square Dimmer Curve 128–135 S-Curve Dimmer 136–143 Fast Dimmer Mode 144–151 Smooth Dimmer Mode 152–255 No Function

33Ch Mode

33 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

33Ch Mode (continued)

Ch	Function	Default	DMX values
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Slow 0.1 Hz 12–81 STROBE · Slow > Fast 0.38–19.7 Hz 82–82 STROBE · Fast 20 Hz 83–93 Open 94–94 PULSE STROBE · Slow 0.1 Hz 95–162 PULSE STROBE · Slow > Fast 0.388–19.7 Hz 163–163 PULSE STROBE · Fast 20 Hz 164–174 Open 175–175 RANDOM STROBE · Slow 0.1 Hz 176–243 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 244–244 RANDOM STROBE · Fast 20 Hz 245–255 Open
7	Cyan	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Magenta	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Yellow	0	0–0 Min 1–254 Min > Max 255–255 Max
10	C TO	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Red (wheel slot 2) 10–13 Orange (wheel slot 3) 14–18 Dark Green (wheel slot 4) 19–22 Cyan (wheel slot 5) 23–27 Congo Blue (wheel slot 6) 28–31 UV (wheel slot 7) 32–32 Open (wheel slot 1) 33–51 Open/Red 52–56 Red (wheel slot 2) 57–73 Red/Orange 74–78 Orange (wheel slot 3) 79–95 Orange/Dark Green 96–100 Dark Green (wheel slot 4) 101–117 Dark Green/Cyan 118–123 Cyan (wheel slot 5) 124–139 Cyan/Congo Blue 140–144 Congo Blue (wheel slot 6) 145–161 Congo Blue/UV 162–166 UV (wheel slot 7) 167–184 UV/Open 185–187 Open (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW

33Ch Mode (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–55 Gobo 1 Shake (wheel slot 2) 56–70 Gobo 2 Shake (wheel slot 3) 71–85 Gobo 3 Shake (wheel slot 4) 86–100 Gobo 4 Shake (wheel slot 5) 101–105 Gobo 5 Shake (wheel slot 6) 106–130 Gobo 6 Shake (wheel slot 7) 131–145 Gobo 7 Shake (wheel slot 8) 146–146 Slow 147–199 Slow > Fast 200–200 Fast 201–201 Slow 202–254 Slow > Fast 255–255 Fast
13	Gobo Rotation	0	0–0 Min 1–190 Min > Max 191–191 Max 192–221 F > S - Rotate CW 222–225 Stop 226–255 S > F - Rotate CCW
14	Gobo 2	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–60 Gobo 1 Shake (wheel slot 2) 61–75 Gobo 2 Shake (wheel slot 3) 76–90 Gobo 3 Shake (wheel slot 4) 91–105 Gobo 4 Shake (wheel slot 5) 106–120 Gobo 5 Shake (wheel slot 6) 121–135 Gobo 6 Shake (wheel slot 7) 136–150 Gobo 7 Shake (wheel slot 8) 151–165 Gobo 8 Shake (wheel slot 9) 166–166 Slow 167–209 Slow > Fast 210–210 Fast 211–211 Slow 212–254 Slow > Fast 255–255 Fast
15	Animation Wheel1	0	0–127 Open (wheel slot 1) 128–255 Animation Inserted
16	Animation Wheel1Pos Rotate	3	0–3 No Function 4–127 F > S - Rotate CW 128–128 Stop 129–255 S > F - Rotate CCW
17	Shaper Rot	128	0–127 Left > Center - Rotate CW 128–128 Stop 129–255 Center To Right - Rotate CW

33Ch Mode (continued)

Ch	Function	Default	DMX values
18	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Blade1B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
20	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Blade2B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
22	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Blade3B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
24	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade4B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
26	Focus	127	0–0 Min 1–254 Home 255–255 Max
27	Zoom	127	0–0 Wide 1–254 Wide > Narrow 255–255 Narrow
28	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
29	Prism Rotation	64	0–0 Min 1–126 Min > Max 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
30	Iris	0	0–0 Open 1–191 Open > Closed 192–192 Closed 193–193 Slow 194–212 Slow > Fast 213–213 Fast 214–214 Slow 215–233 Slow > Fast 234–234 Fast 235–235 Slow 236–254 Slow > Fast 255–255 Fast
31	Frost1	0	
32	Frost1 Fine	0	Fine byte of Frost1

33Ch Mode (continued)

Ch	Function	Default	DMX values
33	Control1	0	0–7 Off 8–15 Reset All 16–23 Pan/Tilt Reset 24–31 Effects Reset 32–39 Gobo Reset 40–47 Shutter Module Reset 48–55 Other Reset 56–63 Color Reset 64–71 Absolute Silence Off 72–79 Absolute Silence On 80–87 Steady Mode - Off 88–95 Steady Mode - 1 96–103 Steady Mode - 2 104–111 Linear Dimmer 112–119 Square Dimmer Curve 120–127 Inverse Square Dimmer Curve 128–135 S-Curve Dimmer 136–143 Fast Dimmer Mode 144–151 Smooth Dimmer Mode 152–255 No Function

41Ch Mode

41 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	0	0–10 Open 11–11 STROBE · Slow 0.1 Hz 12–81 STROBE · Slow > Fast 0.38–19.7 Hz 82–82 STROBE · Fast 20 Hz 83–93 Open 94–94 PULSE STROBE · Slow 0.1 Hz 95–162 PULSE STROBE · Slow > Fast 0.388–19.7 Hz 163–163 PULSE STROBE · Fast 20 Hz 164–174 Open 175–175 RANDOM STROBE · Slow 0.1 Hz 176–243 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 244–244 RANDOM STROBE · Fast 20 Hz 245–255 Open

41Ch Mode (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe 2	0	0–4 Open 5–10 Section 1 On 11–15 Section 2 On 16–20 Section 3 On 21–25 Section 4 On 26–30 Section 5 On 31–70 CW Fast > Slow 71–75 Stop 76–116 CCW Slow > Fast 117–121 Open 122–162 CW Fast > Slow 163–167 Stop 168–208 CCW Slow > Fast 209–255 Open
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	0–4 Open (wheel slot 1) 5–9 Red (wheel slot 2) 10–13 Orange (wheel slot 3) 14–18 Dark Green (wheel slot 4) 19–22 Cyan (wheel slot 5) 23–27 Congo Blue (wheel slot 6) 28–31 UV (wheel slot 7) 32–32 Open (wheel slot 1) 33–51 Open/Red 52–56 Red (wheel slot 2) 57–73 Red/Orange 74–78 Orange (wheel slot 3) 79–95 Orange/Dark Green 96–100 Dark Green (wheel slot 4) 101–117 Dark Green/Cyan 118–123 Cyan (wheel slot 5) 124–139 Cyan/Congo Blue 140–144 Congo Blue (wheel slot 6) 145–161 Congo Blue/UV 162–166 UV (wheel slot 7) 167–184 UV/Open 185–187 Open (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
15	H SBHue	127	0–127 -25 To 0 Green 128–255 0 To +25 Green
16	Color Effects1	0	0–10 No Func 11–127 Red Shift Off 128–255 Red Shift On

41Ch Mode (continued)

Ch	Function	Default	DMX values
17	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–55 Gobo 1 Shake (wheel slot 2) 56–70 Gobo 2 Shake (wheel slot 3) 71–85 Gobo 3 Shake (wheel slot 4) 86–100 Gobo 4 Shake (wheel slot 5) 101–105 Gobo 5 Shake (wheel slot 6) 106–130 Gobo 6 Shake (wheel slot 7) 131–145 Gobo 7 Shake (wheel slot 8) 146–146 Slow 147–199 Slow > Fast 200–200 Fast 201–201 Slow 202–254 Slow > Fast 255–255 Fast
18	Gobo Rotation	0	0–190 Min 191–191 Max 192–221 F > S - Rotate CW 222–225 Stop 226–255 S > F - Rotate CCW
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
20	Gobo 2	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–60 Gobo 1 Shake (wheel slot 2) 61–75 Gobo 2 Shake (wheel slot 3) 76–90 Gobo 3 Shake (wheel slot 4) 91–105 Gobo 4 Shake (wheel slot 5) 106–120 Gobo 5 Shake (wheel slot 6) 121–135 Gobo 6 Shake (wheel slot 7) 136–150 Gobo 7 Shake (wheel slot 8) 151–165 Gobo 8 Shake (wheel slot 9) 166–166 Slow 167–209 Slow > Fast 210–210 Fast 211–211 Slow 212–254 Slow > Fast 255–255 Fast
21	Animation Wheel1	0	0–3 Open (wheel slot 1) 4–126 F > S - Rotate CW 127–131 Stop 132–255 S > F - Rotate CCW
22	Shaper Rot	128	0–127 Left > Center - Rotate CW 128–128 Stop 129–255 Center To Right - Rotate CW
23	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max

41Ch Mode (continued)

Ch	Function	Default	DMX values
24	Blade1B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
25	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Blade2B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
27	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Blade3B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
29	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
30	Blade4B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
31	Focus	127	
32	Focus Fine	255	Fine byte of Focus
33	Focus1Distance	0	0–0 Auto Focus Off 1–7 4m 8–15 6m 16–23 8m 24–31 10m 32–39 12m 40–47 14m 48–55 16m 56–63 18m 64–71 4m 72–79 6m 80–87 8m 88–95 10m 96–103 12m 104–111 14m 112–119 16m 120–127 18m 128–255 Reserved
34	Zoom	127	0–254 Wide 255–255 Narrow
35	Zoom Fine	255	Fine byte of Zoom
36	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
37	Prism Rotation	0	0–0 Min 1–126 Min > Max 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW

41Ch Mode (continued)

Ch	Function	Default	DMX values
38	Iris	0	0–0 Open 1–191 Open > Closed 192–192 Closed 193–193 Slow 194–212 Slow > Fast 213–213 Fast 214–214 Slow 215–233 Slow > Fast 234–234 Fast 235–235 Slow 236–254 Slow > Fast 255–255 Fast
39	Frost1	0	
40	Frost1 Fine	0	Fine byte of Frost1
41	Control1	0	0–7 Off 8–15 Reset All 16–23 Pan/Tilt Reset 24–31 Effects Reset 32–39 Gobo Reset 40–47 Shutter Module Reset 48–55 Other Reset 56–63 Color Reset 64–71 Absolute Silence Off 72–79 Absolute Silence On 80–87 Steady Mode - Off 88–95 Steady Mode - 1 96–103 Steady Mode - 2 104–111 Linear Dimmer 112–119 Square Dimmer Curve 120–127 Inverse Square Dimmer Curve 128–135 S-Curve Dimmer 136–143 Fast Dimmer Mode 144–151 Smooth Dimmer Mode 152–255 No Function

42Ch Mode

42 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

42Ch Mode (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–10 Open 11–11 STROBE · Slow 0.1 Hz 12–81 STROBE · Slow > Fast 0.38–19.7 Hz 82–82 STROBE · Fast 20 Hz 83–93 Open 94–94 PULSE STROBE · Slow 0.1 Hz 95–162 PULSE STROBE · Slow > Fast 0.388–19.7 Hz 163–163 PULSE STROBE · Fast 20 Hz 164–174 Open 175–175 RANDOM STROBE · Slow 0.1 Hz 176–243 RANDOM STROBE · Slow > Fast 0.388–19.7 Hz 244–244 RANDOM STROBE · Fast 20 Hz 245–255 Open
9	Shutter / Strobe 2	0	0–4 Open 5–10 Section 1 On 11–15 Section 2 On 16–20 Section 3 On 21–25 Section 4 On 26–30 Section 5 On 31–70 CW Fast > Slow 71–75 Stop 76–116 CCW Slow > Fast 117–121 Open 122–162 CW Fast > Slow 163–167 Stop 168–208 CCW Slow > Fast 209–255 Open
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

42Ch Mode (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Red (wheel slot 2) 10–13 Orange (wheel slot 3) 14–18 Dark Green (wheel slot 4) 19–22 Cyan (wheel slot 5) 23–27 Congo Blue (wheel slot 6) 28–31 UV (wheel slot 7) 32–32 Open (wheel slot 1) 33–51 Open/Red 52–56 Red (wheel slot 2) 57–73 Red/Orange 74–78 Orange (wheel slot 3) 79–95 Orange/Dark Green 96–100 Dark Green (wheel slot 4) 101–117 Dark Green/Cyan 118–123 Cyan (wheel slot 5) 124–139 Cyan/Congo Blue 140–144 Congo Blue (wheel slot 6) 145–161 Congo Blue/UV 162–166 UV (wheel slot 7) 167–184 UV/Open 185–187 Open (wheel slot 1) 188–219 F > S - Rotate CW 220–223 Stop 224–255 S > F - Rotate CCW
15	H SBHue	127	0–127 -25 To 0 Green 128–255 0 To +25 Green
16	Color Effects1	0	0–10 No Func 11–127 Red Shift Off 128–255 Red Shift On
17	Gobo	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–55 Gobo 1 Shake (wheel slot 2) 56–70 Gobo 2 Shake (wheel slot 3) 71–85 Gobo 3 Shake (wheel slot 4) 86–100 Gobo 4 Shake (wheel slot 5) 101–105 Gobo 5 Shake (wheel slot 6) 106–130 Gobo 6 Shake (wheel slot 7) 131–145 Gobo 7 Shake (wheel slot 8) 146–146 Slow 147–199 Slow > Fast 200–200 Fast 201–201 Slow 202–254 Slow > Fast 255–255 Fast
18	Gobo Rotation	0	0–190 Min 191–191 Max 192–221 F > S - Rotate CW 222–225 Stop 226–255 S > F - Rotate CCW
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

42Ch Mode (continued)

Ch	Function	Default	DMX values
20	Gobo 2	0	0–5 Open (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–60 Gobo 1 Shake (wheel slot 2) 61–75 Gobo 2 Shake (wheel slot 3) 76–90 Gobo 3 Shake (wheel slot 4) 91–105 Gobo 4 Shake (wheel slot 5) 106–120 Gobo 5 Shake (wheel slot 6) 121–135 Gobo 6 Shake (wheel slot 7) 136–150 Gobo 7 Shake (wheel slot 8) 151–165 Gobo 8 Shake (wheel slot 9) 166–166 Slow 167–209 Slow > Fast 210–210 Fast 211–211 Slow 212–254 Slow > Fast 255–255 Fast
21	Animation Wheel1	0	0–127 Open (wheel slot 1) 128–255 Animation Inserted
22	Animation Wheel1Pos Rotate	3	0–3 No Function 4–127 F > S - Rotate CW 128–128 Stop 129–255 S > F - Rotate CCW
23	Shaper Rot	128	0–127 Left > Center - Rotate CW 128–128 Stop 129–255 Center To Right - Rotate CW
24	Blade1A	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Blade1B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
26	Blade2A	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Blade2B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
28	Blade3A	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Blade3B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
30	Blade4A	0	0–0 Min 1–254 Min > Max 255–255 Max
31	Blade4B	128	0–127 -25* To 0* 128–128 Home 129–255 0* To +25*
32	Focus	127	
33	Focus Fine	255	Fine byte of Focus

42Ch Mode (continued)

Ch	Function	Default	DMX values
34	Focus1Distance	0	0–0 Auto Focus Off 1–7 4m 8–15 6m 16–23 8m 24–31 10m 32–39 12m 40–47 14m 48–55 16m 56–63 18m 64–71 4m 72–79 6m 80–87 8m 88–95 10m 96–103 12m 104–111 14m 112–119 16m 120–127 18m 128–255 Reserved
35	Zoom	127	0–254 Wide 255–255 Narrow
36	Zoom Fine	255	Fine byte of Zoom
37	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
38	Prism Rotation	0	0–0 Min 1–126 Min > Max 127–127 Max 128–189 F > S - Rotate CW 190–193 Stop 194–255 S > F - Rotate CCW
39	Iris	0	0–0 Open 1–191 Open > Closed 192–192 Closed 193–193 Slow 194–212 Slow > Fast 213–213 Fast 214–214 Slow 215–233 Slow > Fast 234–234 Fast 235–235 Slow 236–254 Slow > Fast 255–255 Fast
40	Frost1	0	
41	Frost1 Fine	0	Fine byte of Frost1

42Ch Mode (continued)

Ch	Function	Default	DMX values
42	Control1	0	0–7 Off 8–15 Reset All 16–23 Pan/Tilt Reset 24–31 Effects Reset 32–39 Gobo Reset 40–47 Shutter Module Reset 48–55 Other Reset 56–63 Color Reset 64–71 Absolute Silence Off 72–79 Absolute Silence On 80–87 Steady Mode - Off 88–95 Steady Mode - 1 96–103 Steady Mode - 2 104–111 Linear Dimmer 112–119 Square Dimmer Curve 120–127 Inverse Square Dimmer Curve 128–135 S-Curve Dimmer 136–143 Fast Dimmer Mode 144–151 Smooth Dimmer Mode 152–255 No Function