Prolights

MosaicoXLPlus



Manufacturer	**Prolights**
Type	**Profile spot**
DMX modes	**5**
DMX footprint	**28, 30, 31, 35, 44 channels**
Beam angle	**6.8-52.1°**
Size (W × H × D)	**403 × 345 × 66 mm**
GDTF fixture type	**8E81D8E9-9D36-46F0-9678-6B…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

28ch	28 ch
30ch	30 ch
ScenesRecord	31 ch
35ch	35 ch
44ch	44 ch

28ch

28 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	224	0–31 Closed 32–63 Open (1) 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 126–127 Open 128–128 Pulse Out Min 129–158 Pulse Out 159–159 Pulse Out Max 160–191 Open 192–192 Rnd Strobe Min 193–222 Rnd Strobe 223–223 Rnd Strobe max 225–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TO	0	
7	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open + Red (wheel slot 1) 10–13 Red (wheel slot 2) 14–18 Red + Light Blue (wheel slot 2) 19–22 Light Blue (wheel slot 3) 23–27 Light Blue + Green (wheel slot 3) 28–31 Green (wheel slot 4) 32–36 Green + Light Yellow (wheel slot 4) 37–40 Light Yellow (wheel slot 5) 41–45 Light Yellow + Orange (wheel slot 5) 46–49 Orange (wheel slot 6) 50–54 Orange + Violet (wheel slot 6) 55–58 Violet (wheel slot 7) 59–63 Violet + Open (wheel slot 7) 64–64 Stop 65–94 Slow 95–95 Fast 96–96 Stop 97–126 Slow 127–127 Fast 128–128 Index 0 129–254 Index 0-360 255–255 Index 360

28ch (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–5 Open (wheel slot 1) 6–10 G1 (wheel slot 2) 11–15 G2 (wheel slot 3) 16–20 G3 (wheel slot 4) 21–25 G4 (wheel slot 5) 26–30 G5 (wheel slot 6) 31–35 G6 (wheel slot 7) 36–40 G7 (wheel slot 8) 41–55 G1 (wheel slot 2) 56–70 G2 (wheel slot 3) 71–85 G3 (wheel slot 4) 86–100 G4 (wheel slot 5) 101–115 G5 (wheel slot 6) 116–130 G6 (wheel slot 7) 131–145 G7 (wheel slot 8) 146–146 Stop 147–147 Slow 148–199 Slow2Fast 200–200 Fast 201–201 Stop 202–202 Slow 203–254 Slow2Fast 255–255 Fast
9	Gobo Rotation	0	0–191 0-360 192–220 CW Spin Max 221–221 CW Spin Min 222–225 Stop 226–254 CCW Spin Min 255–255 CCW Spin Max
10	Prism	0	0–0 Open (wheel slot 1) 1–63 0>180 (wheel slot 2) 64–64 180 (wheel slot 2) 65–127 180>360 (wheel slot 2) 128–128 CW Fast (wheel slot 2) 129–188 CW Fast2Slow (wheel slot 2) 189–189 CW Slow (wheel slot 2) 190–193 Stop (wheel slot 2) 194–194 CCW Slow (wheel slot 2) 195–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
11	Frost1	0	0–126 Open 127–255 Frost max
12	Frost2	0	0–126 Open 127–255 Frost max
13	Focus	127	0–126 Min 127–254 Mid 255–255 Max
14	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
15	Animation System1	0	0–3 Open (wheel slot 1) 4–4 Stop (wheel slot 2) 5–5 CW Spin Slow (wheel slot 2) 6–126 CWSlow2Fast 127–127 CW Spin Fast 128–131 Stop 132–132 Stop (wheel slot 2) 133–133 CCW Spin Slow (wheel slot 2) 134–254 CCWSlow2Fast 255–255 CCW Spin Fast

28ch (continued)

Ch	Function	Default	DMX values
16	Iris	0	0–62 Large 63–63 Small 64–126 Slow 127–127 Fast 128–190 Slow 191–191 Fast 192–254 Slow 255–255 Fast
17	Blade2A	0	0–254 Out 255–255 In
18	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
19	Blade3A	0	0–254 Out 255–255 In
20	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
21	Blade4A	0	0–254 Out 255–255 In
22	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
23	Blade1A	0	0–254 Out 255–255 In
24	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
25	Shaper Rot	128	0–127 -45 to 0 128–128 Center 129–255 0 to 45
26	Shaper Macros	0	0–3 NoFeature 4–255 Macros
27	Shaper Macros Speed	0	0–254 Slow 255–255 Fast

28ch (continued)

Ch	Function	Default	DMX values
28	Control1	0	0–59 NoFeature 60–69 Enable blackout while color change 70–79 Disable blackout while color change 80–89 Enable blackout while gobo change 90–99 Disable blackout while gobo change 100–109 CMY/CTO/Wheel Reset 110–119 Shutters Reset 120–129 Gobo Reset 130–139 Prism Reset 140–149 Focus Reset 150–159 Zoom Reset 160–169 Frost Reset 170–179 Animation Reset 180–181 ADV GOBO INDEX ON 182–183 ADV GOBO INDEX OFF 184–185 ADV FOCUS INDEX ON 186–187 ADV FOCUS INDEX OFF 188–189 ADV ZOOM INDEX ON 190–191 ADV ZOOM INDEX OFF 192–193 WARM UP LOW TEMP ON 194–195 WARM UP LOW TEMP OFF 196–197 WARM UP LOW TEMP VALUE 198–199 NoFeature 1 200–209 Reset All 210–211 ADV Gobo ON 212–213 ADV Gobo OFF 214–215 DMXFault Hold 216–217 DMXFault StandAlone 218–255 NoFeature 2

30ch

30 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	224	0–31 Closed 32–63 Open (1) 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 126–127 Open 128–128 Pulse Out Min 129–158 Pulse Out 159–159 Pulse Out Max 160–191 Open 192–192 Rnd Strobe Min 193–222 Rnd Strobe 223–223 Rnd Strobe max 225–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TO	0	

30ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open + Red (wheel slot 1) 10–13 Red (wheel slot 2) 14–18 Red + Light Blue (wheel slot 2) 19–22 Light Blue (wheel slot 3) 23–27 Light Blue + Green (wheel slot 3) 28–31 Green (wheel slot 4) 32–36 Green + Light Yellow (wheel slot 4) 37–40 Light Yellow (wheel slot 5) 41–45 Light Yellow + Orange (wheel slot 5) 46–49 Orange (wheel slot 6) 50–54 Orange + Violet (wheel slot 6) 55–58 Violet (wheel slot 7) 59–63 Violet + Open (wheel slot 7) 64–64 Stop 65–94 Slow 95–95 Fast 96–96 Stop 97–126 Slow 127–127 Fast 128–128 Index 0 129–254 Index 0-360 255–255 Index 360
8	Gobo	0	0–5 Open (wheel slot 1) 6–10 G1 (wheel slot 2) 11–15 G2 (wheel slot 3) 16–20 G3 (wheel slot 4) 21–25 G4 (wheel slot 5) 26–30 G5 (wheel slot 6) 31–35 G6 (wheel slot 7) 36–40 G7 (wheel slot 8) 41–55 G1 (wheel slot 2) 56–70 G2 (wheel slot 3) 71–85 G3 (wheel slot 4) 86–100 G4 (wheel slot 5) 101–115 G5 (wheel slot 6) 116–130 G6 (wheel slot 7) 131–145 G7 (wheel slot 8) 146–146 Stop 147–147 Slow 148–199 Slow2Fast 200–200 Fast 201–201 Stop 202–202 Slow 203–254 Slow2Fast 255–255 Fast
9	Gobo Rotation	0	0–191 0-360 192–220 CW Spin Max 221–221 CW Spin Min 222–225 Stop 226–254 CCW Spin Min 255–255 CCW Spin Max
10	Prism	0	0–20 Open (wheel slot 1) 21–127 Index (wheel slot 2) 128–255 Rotation (wheel slot 2)

30ch (continued)

Ch	Function	Default	DMX values
11	Prism Rotation	0	0–0 0>180 (wheel slot 2) 1–126 CW Fast2Slow (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–128 180 (wheel slot 2) 129–129 180>360 (wheel slot 2) 130–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
12	Frost1	0	0–126 Open 127–255 Frost max
13	Frost2	0	0–126 Open 127–255 Frost max
14	Focus	127	0–126 Min 127–254 Mid 255–255 Max
15	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
16	Animation System1	0	0–7 Open (wheel slot 1) 8–255 Insert (wheel slot 2)
17	Animation System1Pos	4	0–3 Stop 4–125 CW Spin Fast (wheel slot 2) 126–127 CW Spin Slow (wheel slot 2) 128–131 Stop 132–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
18	Iris	0	0–62 Large 63–63 Small 64–126 Slow 127–127 Fast 128–190 Slow 191–191 Fast 192–254 Slow 255–255 Fast
19	Blade2A	0	0–254 Out 255–255 In
20	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
21	Blade3A	0	0–254 Out 255–255 In
22	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
23	Blade4A	0	0–254 Out 255–255 In
24	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
25	Blade1A	0	0–254 Out 255–255 In
26	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
27	Shaper Rot	128	0–127 -45 to 0 128–128 Center 129–255 0 to 45

30ch (continued)

Ch	Function	Default	DMX values
28	Shaper Macros	0	0–3 NoFeature 4–255 Macros
29	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
30	Control1	0	0–59 NoFeature 60–69 Enable blackout while color change 70–79 Disable blackout while color change 80–89 Enable blackout while gobo change 90–99 Disable blackout while gobo change 100–109 CMY/CTO/Wheel Reset 110–119 Shutters Reset 120–129 Gobo Reset 130–139 Prism Reset 140–149 Focus Reset 150–159 Zoom Reset 160–169 Frost Reset 170–179 Animation Reset 180–181 ADV GOBO INDEX ON 182–183 ADV GOBO INDEX OFF 184–185 ADV FOCUS INDEX ON 186–187 ADV FOCUS INDEX OFF 188–189 ADV ZOOM INDEX ON 190–191 ADV ZOOM INDEX OFF 192–193 WARM UP LOW TEMP ON 194–195 WARM UP LOW TEMP OFF 196–197 WARM UP LOW TEMP VALUE 198–199 NoFeature 1 200–209 Reset All 210–211 ADV Gobo ON 212–213 ADV Gobo OFF 214–215 DMXFault Hold 216–217 DMXFault StandAlone 218–255 NoFeature 2

ScenesRecord

31 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	224	0–31 Closed 32–63 Open (1) 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 126–127 Open 128–128 Pulse Out Min 129–158 Pulse Out 159–159 Pulse Out Max 160–191 Open 192–192 Rnd Strobe Min 193–222 Rnd Strobe 223–223 Rnd Strobe max 225–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	

ScenesRecord (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open + Red (wheel slot 1) 10–13 Red (wheel slot 2) 14–18 Red + Light Blue (wheel slot 2) 19–22 Light Blue (wheel slot 3) 23–27 Light Blue + Green (wheel slot 3) 28–31 Green (wheel slot 4) 32–36 Green + Light Yellow (wheel slot 4) 37–40 Light Yellow (wheel slot 5) 41–45 Light Yellow + Orange (wheel slot 5) 46–49 Orange (wheel slot 6) 50–54 Orange + Violet (wheel slot 6) 55–58 Violet (wheel slot 7) 59–63 Violet + Open (wheel slot 7) 64–64 Stop 65–94 Slow 95–95 Fast 96–96 Stop 97–126 Slow 127–127 Fast 128–128 Index 0 129–254 Index 0-360 255–255 Index 360
9	Gobo	0	0–5 Open (wheel slot 1) 6–10 G1 (wheel slot 2) 11–15 G2 (wheel slot 3) 16–20 G3 (wheel slot 4) 21–25 G4 (wheel slot 5) 26–30 G5 (wheel slot 6) 31–35 G6 (wheel slot 7) 36–40 G7 (wheel slot 8) 41–55 G1 (wheel slot 2) 56–70 G2 (wheel slot 3) 71–85 G3 (wheel slot 4) 86–100 G4 (wheel slot 5) 101–115 G5 (wheel slot 6) 116–130 G6 (wheel slot 7) 131–145 G7 (wheel slot 8) 146–146 Stop 147–147 Slow 148–199 Slow2Fast 200–200 Fast 201–201 Stop 202–202 Slow 203–254 Slow2Fast 255–255 Fast
10	Gobo Rotation	0	0–191 0-360 192–220 CW Spin Max 221–221 CW Spin Min 222–225 Stop 226–254 CCW Spin Min 255–255 CCW Spin Max
11	Prism	0	0–0 Open (wheel slot 1) 63–127 Centre (wheel slot 2) 128–128 CW Fast (wheel slot 2) 129–188 CW Fast2Slow (wheel slot 2) 189–189 CW Slow (wheel slot 2) 190–193 Stop (wheel slot 2) 194–194 CCW Slow (wheel slot 2) 195–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)

ScenesRecord (continued)

Ch	Function	Default	DMX values
12	Frost1	0	0–126 Open 127–255 Frost max
13	Frost2	0	0–126 Open 127–255 Frost max
14	Focus	127	0–126 Min 127–254 Mid 255–255 Max
15	Focus Fine	255	Fine byte of Focus
16	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
17	Zoom Fine	0	Fine byte of Zoom
18	Animation System1	0	0–7 Open (wheel slot 1) 8–255 Insert (wheel slot 2)
19	Animation System1Pos	4	0–3 Stop 4–125 CW Spin Fast (wheel slot 2) 126–127 CW Spin Slow (wheel slot 2) 128–131 Stop 132–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
20	Iris	0	0–62 Large 63–63 Small 64–126 Slow 127–127 Fast 128–190 Slow 191–191 Fast 192–254 Slow 255–255 Fast
21	Blade2A	0	0–254 Out 255–255 In
22	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
23	Blade3A	0	0–254 Out 255–255 In
24	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
25	Blade4A	0	0–254 Out 255–255 In
26	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
27	Blade1A	0	0–254 Out 255–255 In
28	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
29	Shaper Rot	128	0–127 -45 to 0 128–128 Center 129–255 0 to 45
30	Shaper Macros	0	0–3 NoFeature 4–255 Macros
31	Shaper Macros Speed	0	0–254 Slow 255–255 Fast

35ch

35 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	224	0–31 Closed 32–63 Open (1) 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 126–127 Open 128–128 Pulse Out Min 129–158 Pulse Out 159–159 Pulse Out Max 160–191 Open 192–192 Rnd Strobe Min 193–222 Rnd Strobe 223–223 Rnd Strobe max 225–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	
8	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open + Red (wheel slot 1) 10–13 Red (wheel slot 2) 14–18 Red + Light Blue (wheel slot 2) 19–22 Light Blue (wheel slot 3) 23–27 Light Blue + Green (wheel slot 3) 28–31 Green (wheel slot 4) 32–36 Green + Light Yellow (wheel slot 4) 37–40 Light Yellow (wheel slot 5) 41–45 Light Yellow + Orange (wheel slot 5) 46–49 Orange (wheel slot 6) 50–54 Orange + Violet (wheel slot 6) 55–58 Violet (wheel slot 7) 59–63 Violet + Open (wheel slot 7) 64–64 Stop 65–94 Slow 95–95 Fast 96–96 Stop 97–126 Slow 127–127 Fast 128–128 Index 0 129–254 Index 0-360 255–255 Index 360

35ch (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–5 Open (wheel slot 1) 6–10 G1 (wheel slot 2) 11–15 G2 (wheel slot 3) 16–20 G3 (wheel slot 4) 21–25 G4 (wheel slot 5) 26–30 G5 (wheel slot 6) 31–35 G6 (wheel slot 7) 36–40 G7 (wheel slot 8) 41–55 G1 (wheel slot 2) 56–70 G2 (wheel slot 3) 71–85 G3 (wheel slot 4) 86–100 G4 (wheel slot 5) 101–115 G5 (wheel slot 6) 116–130 G6 (wheel slot 7) 131–145 G7 (wheel slot 8) 146–146 Stop 147–147 Slow 148–199 Slow2Fast 200–200 Fast 201–201 Stop 202–202 Slow 203–254 Slow2Fast 255–255 Fast
10	Gobo Rotation	0	0–191 0-360 192–220 CW Spin Max 221–221 CW Spin Min 222–225 Stop 226–254 CCW Spin Min 255–255 CCW Spin Max
11	Prism	0	0–0 Open (wheel slot 1) 1–63 0>180 (wheel slot 2) 64–64 180 (wheel slot 2) 65–127 180>360 (wheel slot 2) 128–128 CW Fast (wheel slot 2) 129–188 CW Fast2Slow (wheel slot 2) 189–189 CW Slow (wheel slot 2) 190–193 Stop (wheel slot 2) 194–194 CCW Slow (wheel slot 2) 195–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
12	Frost1	0	0–126 Open 127–255 Frost max
13	Frost2	0	0–126 Open 127–255 Frost max
14	Focus	127	0–126 Min 127–254 Mid 255–255 Max
15	Focus Fine	255	Fine byte of Focus
16	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
17	Zoom Fine	0	Fine byte of Zoom
18	Animation System1	0	0–7 Open (wheel slot 1) 8–255 Insert (wheel slot 2)

35ch (continued)

Ch	Function	Default	DMX values
19	Animation System1Pos	4	0–3 Stop 4–125 CW Spin Fast (wheel slot 2) 126–127 CW Spin Slow (wheel slot 2) 128–131 Stop 132–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
20	Iris	0	0–62 Large 63–63 Small 64–126 Slow 127–127 Fast 128–190 Slow 191–191 Fast 192–254 Slow 255–255 Fast
21	Blade2A	0	0–254 Out 255–255 In
22	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
23	Blade3A	0	0–254 Out 255–255 In
24	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
25	Blade4A	0	0–254 Out 255–255 In
26	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
27	Blade1A	0	0–254 Out 255–255 In
28	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
29	Shaper Rot	128	0–127 -45 to 0 128–128 Center 129–255 0 to 45
30	Shaper Macros	0	0–3 NoFeature 4–255 Macros
31	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
32	Control1	0	0–63 NoFeature 64–127 Show 1 128–191 Show 2 192–255 Show 3
33	Control2	0	0–28 NoFeature 29–56 Chase 1 57–85 Chase 2 86–113 Chase 3 114–141 Chase 4 142–170 Chase 5 171–198 Chase 6 199–226 Chase 7 227–255 Chase 8

35ch (continued)

Ch	Function	Default	DMX values
34	Control3	0	0–7 NoFeature 8–15 Scene 1 16–23 Scene 2 24–30 Scene 3 31–38 Scene 4 39–46 Scene 5 47–54 Scene 6 55–61 Scene 7 62–69 Scene 8 70–77 Scene 9 78–85 Scene 10 86–92 Scene 11 93–100 Scene 12 101–108 Scene 13 109–115 Scene 14 116–123 Scene 15 124–131 Scene 16 132–139 Scene 17 140–146 Scene 18 147–154 Scene 19 155–162 Scene 20 163–170 Scene 21 171–177 Scene 22 178–185 Scene 23 186–193 Scene 24 194–200 Scene 25 201–208 Scene 26 209–216 Scene 27 217–224 Scene 28 225–231 Scene 29 232–239 Scene 30 240–247 Scene 31 248–255 Scene 32
35	Control4	0	0–10 NoFeature 11–128 Edit Scene Mode 129–255 Record Scene Mode

44ch

44 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	224	0–31 Closed 32–63 Open (1) 64–64 Slow Strobe 65–94 Strobe 95–95 Fast Strobe 126–127 Open 128–128 Pulse Out Min 129–158 Pulse Out 159–159 Pulse Out Max 160–191 Open 192–192 Rnd Strobe Min 193–222 Rnd Strobe 223–223 Rnd Strobe max 225–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Magenta	0	

44ch (continued)

Ch	Function	Default	DMX values
6	Yellow	0	
7	C TO	0	
8	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open + Red (wheel slot 1) 10–13 Red (wheel slot 2) 14–18 Red + Light Blue (wheel slot 2) 19–22 Light Blue (wheel slot 3) 23–27 Light Blue + Green (wheel slot 3) 28–31 Green (wheel slot 4) 32–36 Green + Light Yellow (wheel slot 4) 37–40 Light Yellow (wheel slot 5) 41–45 Light Yellow + Orange (wheel slot 5) 46–49 Orange (wheel slot 6) 50–54 Orange + Violet (wheel slot 6) 55–58 Violet (wheel slot 7) 59–63 Violet + Open (wheel slot 7) 64–64 Stop 65–94 Slow 95–95 Fast 96–96 Stop 97–126 Slow 127–127 Fast 128–128 Index 0 129–254 Index 0-360 255–255 Index 360
9	Gobo	0	0–5 Open (wheel slot 1) 6–10 G1 (wheel slot 2) 11–15 G2 (wheel slot 3) 16–20 G3 (wheel slot 4) 21–25 G4 (wheel slot 5) 26–30 G5 (wheel slot 6) 31–35 G6 (wheel slot 7) 36–40 G7 (wheel slot 8) 41–55 G1 (wheel slot 2) 56–70 G2 (wheel slot 3) 71–85 G3 (wheel slot 4) 86–100 G4 (wheel slot 5) 101–115 G5 (wheel slot 6) 116–130 G6 (wheel slot 7) 131–145 G7 (wheel slot 8) 146–146 Stop 147–147 Slow 148–199 Slow2Fast 200–200 Fast 201–201 Stop 202–202 Slow 203–254 Slow2Fast 255–255 Fast
10	Gobo Rotation	0	0–191 0-360 192–220 CW Spin Max 221–221 CW Spin Min 222–225 Stop 226–254 CCW Spin Min 255–255 CCW Spin Max
11	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
12	Prism	0	0–20 Open (wheel slot 1) 21–127 Index (wheel slot 2) 128–255 Rotation (wheel slot 2)

44ch (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	0	0–0 Min 0 Degrees (wheel slot 2) 1–126 CW Fast2Slow (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–128 Mid 180 Degrees (wheel slot 2) 129–129 Max 360 Degrees (wheel slot 2) 130–254 CCW Slow2Fast (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
14	Prism Rotation Fine	0	Fine byte of Prism Rotation
15	Frost1	0	0–126 Open 127–255 Frost max
16	Frost2	0	0–126 Open 127–255 Frost max
17	Focus	127	0–126 Min 127–254 Mid 255–255 Max
18	Focus Fine	255	Fine byte of Focus
19	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
20	Zoom Fine	0	Fine byte of Zoom
21	Animation System1	0	0–7 Open (wheel slot 1) 8–255 Insert (wheel slot 2)
22	Animation System1Pos	4	0–3 Stop 4–125 CW Spin Fast (wheel slot 2) 126–127 CW Spin Slow (wheel slot 2) 128–131 Stop 132–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
23	Iris	0	0–62 Large 63–63 Small 64–126 Slow 127–127 Fast 128–190 Slow 191–191 Fast 192–254 Slow 255–255 Fast
24	Blade2A	0	0–254 Out 255–255 In
25	Blade2A Fine	0	Fine byte of Blade2A
26	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
27	Blade2Rot Fine	128	Fine byte of Blade2Rot
28	Blade3A	0	0–254 Out 255–255 In
29	Blade3A Fine	0	Fine byte of Blade3A
30	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
31	Blade3Rot Fine	128	Fine byte of Blade3Rot
32	Blade4A	0	0–254 Out 255–255 In
33	Blade4A Fine	0	Fine byte of Blade4A

44ch (continued)

Ch	Function	Default	DMX values
34	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
35	Blade4Rot Fine	128	Fine byte of Blade4Rot
36	Blade1A	0	0–254 Out 255–255 In
37	Blade1A Fine	0	Fine byte of Blade1A
38	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
39	Blade1Rot Fine	128	Fine byte of Blade1Rot
40	Shaper Rot	128	0–127 -45 to 0 128–128 Center 129–255 0 to 45
41	Shaper Rot Fine	128	Fine byte of Shaper Rot
42	Shaper Macros	0	0–3 NoFeature 4–255 Macros
43	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
44	Control1	0	0–59 NoFeature 60–69 Enable blackout while color change 70–79 Disable blackout while color change 80–89 Enable blackout while gobo change 90–99 Disable blackout while gobo change 100–109 CMY/CTO/Wheel Reset 110–119 Shutters Reset 120–129 Gobo Reset 130–139 Prism Reset 140–149 Focus Reset 150–159 Zoom Reset 160–169 Frost Reset 170–179 Animation Reset 180–181 ADV GOBO INDEX ON 182–183 ADV GOBO INDEX OFF 184–185 ADV FOCUS INDEX ON 186–187 ADV FOCUS INDEX OFF 188–189 ADV ZOOM INDEX ON 190–191 ADV ZOOM INDEX OFF 192–193 WARM UP LOW TEMP ON 194–195 WARM UP LOW TEMP OFF 196–197 WARM UP LOW TEMP VALUE 198–199 NoFeature 1 200–209 Reset All 210–211 ADV Gobo ON 212–213 ADV Gobo OFF 214–215 DMXFault Hold 216–217 DMXFault StandAlone 218–255 NoFeature 2