Prolights

MosaicoL



Manufacturer	**Prolights**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**22, 23, 32, 43 channels**
Beam angle	**7-49°**
Tilt range	**280°**
Size (W × H × D)	**318 × 448 × 281 mm**
GDTF fixture type	**885F7666-C2AD-4311-99A1-23…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Basic_22ch	22 ch
Scene Record_23ch	23 ch
Standard_32ch	32 ch
Extended_43ch	43 ch

Basic_22ch

22 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–1 Closed 2–2 Strobe Min 3–61 Strobe 62–62 Strobe Max 63–64 Open 65–65 Pulse In Min 66–124 Pulse In 125–125 Pulse In Max 126–127 Open 128–128 Pulse Out Min 129–187 Pulse Out 188–188 Pulse Out Max 189–190 Open 191–191 Random Strobe Min 192–250 Random Strobe 251–251 Random Strobe Max 252–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Open + Dark Red (wheel slot 1) 14–20 Dark Red (wheel slot 2) 21–27 Dark Red + Congo Blue (wheel slot 2) 28–34 Congo Blue (wheel slot 3) 35–41 Congo Blue + Yellow (wheel slot 3) 42–48 Yellow (wheel slot 4) 49–55 Yellow + Green (wheel slot 4) 56–62 Green (wheel slot 5) 63–69 Green + Magenta (wheel slot 5) 70–76 Magenta (wheel slot 6) 77–83 Magenta + CTO 2700K (wheel slot 6) 84–90 CTO 2700K (wheel slot 7) 91–97 CTO 2700K + CTO 3200K (wheel slot 7) 98–104 CTO 3200K (wheel slot 8) 105–111 CTO 3200K + Open (wheel slot 8) 112–181 Fast 182–182 Slow 183–184 Stop 185–254 Slow 255–255 Fast
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 G1 (wheel slot 2) 8–11 G2 (wheel slot 3) 12–15 G3 (wheel slot 4) 16–19 G4 (wheel slot 5) 20–23 G5 (wheel slot 6) 24–27 G6 (wheel slot 7) 28–31 G7 (wheel slot 8) 32–32 CW Spin Fast 33–102 CW Spin 103–103 CW Spin Slow 104–106 Stop 107–107 CCW Spin MIn 108–177 CCW Spin 178–178 CCW Spin Max 179–189 G1 (wheel slot 2) 190–200 G2 (wheel slot 3) 201–211 G3 (wheel slot 4) 212–222 G4 (wheel slot 5) 223–233 G5 (wheel slot 6) 234–244 G6 (wheel slot 7) 245–255 G7 (wheel slot 8)

Basic_22ch (continued)

Ch	Function	Default	DMX values
5	Gobo Rotation	0	0–127 0-360 128–128 CW Spin Max 129–189 CW Spin 190–190 CW Spin Min 191–192 Stop 193–193 CCW Spin Min 194–254 CCW Spin 255–255 CCW Spin Max
6	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
7	Prism Rotation	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
8	Frost1	0	0–254 Open 255–255 Frost max
9	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
10	Focus	0	0–126 Min 127–254 Mid 255–255 Empty Channel Set
11	Animation System1	0	
12	Animation System1Pos	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
13	Blade2A	0	0–254 Out 255–255 In
14	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
15	Blade3A	0	0–254 Out 255–255 In
16	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
17	Blade4A	0	0–254 Out 255–255 In
18	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
19	Blade1A	0	0–254 Out 255–255 In
20	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
21	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right

Basic_22ch (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–1 NoFeature 2–3 COLOR WHEEL 1 BLACKOUT ON (index) 4–5 COLOR WHEEL 1 BLACKOUT OFF (index) 6–7 COLOR WHEEL 1 CONTINUOUS ON (index) 8–9 COLOR WHEEL 1 CONTINUOUS OFF (index) 10–11 ROTATING GOBO WHEEL BLACKOUT ON (index) 12–13 ROTATING GOBO WHEEL BLACKOUT OFF (index) 14–15 ROTATING GOBO WHEEL CONTINUOUS ON (index) 16–17 ROTATING GOBO WHEEL CONTINUOUS OFF (index) 18–19 GOBO ROTATION BLACKOUT ON (index) 20–21 GOBO ROTATION BLACKOUT OFF (index) 22–23 DISPLAY ON 24–25 DISPLAY 10S 26–27 DISPLAY 20S 28–29 DISPLAY 30S 30–31 FLIP DISPLAY OFF 32–33 FLIP DISPLAY ON 34–35 FLIP DISPLAY AUTO 36–37 KEY LOCK ON 38–39 KEY LOCK OFF 40–41 FAN MODE AUTO 42–43 FAN MODE ON 44–45 FAN MODE SILENT 46–47 RESET ALL 48–49 RESET COLOR WHEEL 50–51 RESET ROTATING GOBO WHEEL 52–53 RESET ZOOM 54–55 RESET FOCUS 56–57 RESET ANIMATION 58–59 RESET PRISM 60–61 RESET FROST 62–63 RESET FRAME ROTATION 64–65 RESET BLADE 1 POSITION 66–67 RESET BLADE 2 POSITION 68–69 RESET BLADE 3 POSITION 70–71 RESET BLADE 4 POSITION 72–253 Reserved 254–255 FACTORY DEFAULT OF CONTROL FUNCTIONS

Scene Record_23ch

23 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–1 Closed 2–2 Strobe Min 3–61 Strobe 62–62 Strobe Max 63–64 Open 65–65 Pulse In Min 66–124 Pulse In 125–125 Pulse In Max 126–127 Open 128–128 Pulse Out Min 129–187 Pulse Out 188–188 Pulse Out Max 189–190 Open 191–191 Random Strobe Min 192–250 Random Strobe 251–251 Random Strobe Max 252–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open

Scene Record_23ch (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Open + Dark Red (wheel slot 1) 14–20 Dark Red (wheel slot 2) 21–27 Dark Red + Congo Blue (wheel slot 2) 28–34 Congo Blue (wheel slot 3) 35–41 Congo Blue + Yellow (wheel slot 3) 42–48 Yellow (wheel slot 4) 49–55 Yellow + Green (wheel slot 4) 56–62 Green (wheel slot 5) 63–69 Green + Magenta (wheel slot 5) 70–76 Magenta (wheel slot 6) 77–83 Magenta + CTO 2700K (wheel slot 6) 84–90 CTO 2700K (wheel slot 7) 91–97 CTO 2700K + CTO 3200K (wheel slot 7) 98–104 CTO 3200K (wheel slot 8) 105–111 CTO 3200K + Open (wheel slot 8) 112–181 Fast 182–182 Slow 183–184 Stop 185–254 Slow 255–255 Fast
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 G1 (wheel slot 2) 8–11 G2 (wheel slot 3) 12–15 G3 (wheel slot 4) 16–19 G4 (wheel slot 5) 20–23 G5 (wheel slot 6) 24–27 G6 (wheel slot 7) 28–31 G7 (wheel slot 8) 32–32 CW Spin Fast 33–102 CW Spin 103–103 CW Spin Slow 104–106 Stop 107–107 CCW Spin MIn 108–177 CCW Spin 178–178 CCW Spin Max 179–189 G1 (wheel slot 2) 190–200 G2 (wheel slot 3) 201–211 G3 (wheel slot 4) 212–222 G4 (wheel slot 5) 223–233 G5 (wheel slot 6) 234–244 G6 (wheel slot 7) 245–255 G7 (wheel slot 8)
5	Gobo Rotation	0	0–127 0-360 128–128 CW Spin Max 129–189 CW Spin 190–190 CW Spin Min 191–192 Stop 193–193 CCW Spin Min 194–254 CCW Spin 255–255 CCW Spin Max
6	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
7	Prism Rotation	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)

Scene Record_23ch (continued)

Ch	Function	Default	DMX values
8	Frost1	0	0–254 Open 255–255 Frost max
9	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
10	Focus	0	0–126 Min 127–254 Mid 255–255 Empty Channel Set
11	Animation System1	0	
12	Animation System1Pos	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
13	Blade2A	0	0–254 Out 255–255 In
14	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
15	Blade3A	0	0–254 Out 255–255 In
16	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
17	Blade4A	0	0–254 Out 255–255 In
18	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
19	Blade1A	0	0–254 Out 255–255 In
20	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
21	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right

Scene Record_23ch (continued)

Ch	Function	Default	DMX values
22	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
23	Shaper Macros Speed	0	0–254 Slow 255–255 Fast

Standard_32ch

32 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–1 Closed 2–2 Strobe Min 3–61 Strobe 62–62 Strobe Max 63–64 Open 65–65 Pulse In Min 66–124 Pulse In 125–125 Pulse In Max 126–127 Open 128–128 Pulse Out Min 129–187 Pulse Out 188–188 Pulse Out Max 189–190 Open 191–191 Random Strobe Min 192–250 Random Strobe 251–251 Random Strobe Max 252–255 Open

Standard_32ch (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Open + Dark Red (wheel slot 1) 14–20 Dark Red (wheel slot 2) 21–27 Dark Red + Congo Blue (wheel slot 2) 28–34 Congo Blue (wheel slot 3) 35–41 Congo Blue + Yellow (wheel slot 3) 42–48 Yellow (wheel slot 4) 49–55 Yellow + Green (wheel slot 4) 56–62 Green (wheel slot 5) 63–69 Green + Magenta (wheel slot 5) 70–76 Magenta (wheel slot 6) 77–83 Magenta + CTO 2700K (wheel slot 6) 84–90 CTO 2700K (wheel slot 7) 91–97 CTO 2700K + CTO 3200K (wheel slot 7) 98–104 CTO 3200K (wheel slot 8) 105–111 CTO 3200K + Open (wheel slot 8) 112–181 Fast 182–182 Slow 183–184 Stop 185–254 Slow 255–255 Fast
5	Gobo	0	0–3 Open (wheel slot 1) 4–7 G1 (wheel slot 2) 8–11 G2 (wheel slot 3) 12–15 G3 (wheel slot 4) 16–19 G4 (wheel slot 5) 20–23 G5 (wheel slot 6) 24–27 G6 (wheel slot 7) 28–31 G7 (wheel slot 8) 32–32 CW Spin Fast 33–102 CW Spin 103–103 CW Spin Slow 104–106 Stop 107–107 CCW Spin MIn 108–177 CCW Spin 178–178 CCW Spin Max 179–189 G1 (wheel slot 2) 190–200 G2 (wheel slot 3) 201–211 G3 (wheel slot 4) 212–222 G4 (wheel slot 5) 223–233 G5 (wheel slot 6) 234–244 G6 (wheel slot 7) 245–255 G7 (wheel slot 8)
6	Gobo Rotation	0	0–127 0-360 128–189 CW Spin Max 190–190 CW Spin Min 191–192 Stop 193–254 CCW Spin Min 255–255 CCW Spin Max
7	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
8	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)

Standard_32ch (continued)

Ch	Function	Default	DMX values
9	Prism Rotation	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
10	Frost1	0	0–254 Open 255–255 Frost max
11	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
12	Zoom Fine	0	Fine byte of Zoom
13	Focus	0	0–126 Min 127–254 Mid 255–255 Empty Channel Set
14	Focus Fine	0	Fine byte of Focus
15	Animation System1	0	
16	Animation System1Pos	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
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 Left to Center 128–128 Center 129–255 Center To Right

Standard_32ch (continued)

Ch	Function	Default	DMX values
26	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
27	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
28	Control1	0	0–63 NoFeature 64–127 Show 1 128–191 Show 2 192–255 Show 3
29	Control2	0	0–23 NoFeature 24–52 Chase 1 53–81 Chase 2 82–110 Chase 3 111–139 Chase 4 140–168 Chase 5 169–197 Chase 6 198–226 Chase 7 227–255 Chase 8

Standard_32ch (continued)

Ch	Function	Default	DMX values
30	Control3	0	0–31 NoFeature 32–38 Scene 1 39–45 Scene 2 46–52 Scene 3 53–59 Scene 4 60–66 Scene 5 67–73 Scene 6 74–80 Scene 7 81–87 Scene 8 88–94 Scene 9 95–101 Scene 10 102–108 Scene 11 109–115 Scene 12 116–122 Scene 13 123–129 Scene 14 130–136 Scene 15 137–143 Scene 16 144–150 Scene 17 151–157 Scene 18 158–164 Scene 19 165–171 Scene 20 172–178 Scene 21 179–185 Scene 22 186–192 Scene 23 193–199 Scene 24 200–206 Scene 25 207–213 Scene 26 214–220 Scene 27 221–227 Scene 28 228–234 Scene 29 235–241 Scene 30 242–248 Scene 31 249–255 Scene 32
31	Control4	0	0–85 NoFeature 86–170 Edit Scene Mode 171–255 Record Scene Mode

Standard_32ch (continued)

Ch	Function	Default	DMX values
32	Control5	0	0–1 NoFeature 2–3 COLOR WHEEL 1 BLACKOUT ON (index) 4–5 COLOR WHEEL 1 BLACKOUT OFF (index) 6–7 COLOR WHEEL 1 CONTINUOUS ON (index) 8–9 COLOR WHEEL 1 CONTINUOUS OFF (index) 10–11 ROTATING GOBO WHEEL BLACKOUT ON (index) 12–13 ROTATING GOBO WHEEL BLACKOUT OFF (index) 14–15 ROTATING GOBO WHEEL CONTINUOUS ON (index) 16–17 ROTATING GOBO WHEEL CONTINUOUS OFF (index) 18–19 GOBO ROTATION BLACKOUT ON (index) 20–21 GOBO ROTATION BLACKOUT OFF (index) 22–23 DISPLAY ON 24–25 DISPLAY 10S 26–27 DISPLAY 20S 28–29 DISPLAY 30S 30–31 FLIP DISPLAY OFF 32–33 FLIP DISPLAY ON 34–35 FLIP DISPLAY AUTO 36–37 KEY LOCK ON 38–39 KEY LOCK OFF 40–41 FAN MODE AUTO 42–43 FAN MODE ON 44–45 FAN MODE SILENT 46–47 RESET ALL 48–49 RESET COLOR WHEEL 50–51 RESET ROTATING GOBO WHEEL 52–53 RESET ZOOM 54–55 RESET FOCUS 56–57 RESET ANIMATION 58–59 RESET PRISM 60–61 RESET FROST 62–63 RESET FRAME ROTATION 64–65 RESET BLADE 1 POSITION 66–67 RESET BLADE 2 POSITION 68–69 RESET BLADE 3 POSITION 70–71 RESET BLADE 4 POSITION 72–253 Reserved 254–255 FACTORY DEFAULT OF CONTROL FUNCTIONS

Extended_43ch

43 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	255	0–1 Closed 2–2 Strobe Min 3–61 Strobe 62–62 Strobe Max 63–64 Open 65–65 Pulse In Min 66–124 Pulse In 125–125 Pulse In Max 126–127 Open 128–128 Pulse Out Min 129–187 Pulse Out 188–188 Pulse Out Max 189–190 Open 191–191 Random Strobe Min 192–250 Random Strobe 251–251 Random Strobe Max 252–255 Open
2	Dimmer	0	0–254 Closed 255–255 Open

Extended_43ch (continued)

Ch	Function	Default	DMX values
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Wheel	0	0–6 Open (wheel slot 1) 7–13 Open + Dark Red (wheel slot 1) 14–20 Dark Red (wheel slot 2) 21–27 Dark Red + Congo Blue (wheel slot 2) 28–34 Congo Blue (wheel slot 3) 35–41 Congo Blue + Yellow (wheel slot 3) 42–48 Yellow (wheel slot 4) 49–55 Yellow + Green (wheel slot 4) 56–62 Green (wheel slot 5) 63–69 Green + Magenta (wheel slot 5) 70–76 Magenta (wheel slot 6) 77–83 Magenta + CTO 2700K (wheel slot 6) 84–90 CTO 2700K (wheel slot 7) 91–97 CTO 2700K + CTO 3200K (wheel slot 7) 98–104 CTO 3200K (wheel slot 8) 105–111 CTO 3200K + Open (wheel slot 8) 112–181 Fast 182–182 Slow 183–184 Stop 185–254 Slow 255–255 Fast
5	Gobo	0	0–3 Open (wheel slot 1) 4–7 G1 (wheel slot 2) 8–11 G2 (wheel slot 3) 12–15 G3 (wheel slot 4) 16–19 G4 (wheel slot 5) 20–23 G5 (wheel slot 6) 24–27 G6 (wheel slot 7) 28–31 G7 (wheel slot 8) 32–32 CW Spin Fast 33–102 CW Spin 103–103 CW Spin Slow 104–106 Stop 107–107 CCW Spin MIn 108–177 CCW Spin 178–178 CCW Spin Max 179–189 G1 (wheel slot 2) 190–200 G2 (wheel slot 3) 201–211 G3 (wheel slot 4) 212–222 G4 (wheel slot 5) 223–233 G5 (wheel slot 6) 234–244 G6 (wheel slot 7) 245–255 G7 (wheel slot 8)
6	Gobo Rotation	0	0–127 0-360 128–189 CW Spin Max 190–190 CW Spin Min 191–192 Stop 193–254 CCW Spin Min 255–255 CCW Spin Max
7	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
8	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
9	Prism Rotation	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)

Extended_43ch (continued)

Ch	Function	Default	DMX values
10	Prism Rotation Fine	0	Fine byte of Prism Rotation
11	Frost1	0	0–254 Open 255–255 Frost max
12	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
13	Zoom Fine	0	Fine byte of Zoom
14	Focus	0	0–126 Min 127–254 Mid 255–255 Empty Channel Set
15	Focus Fine	0	Fine byte of Focus
16	Animation System1	0	
17	Animation System1Pos	0	0–126 0 degrees (wheel slot 2) 127–127 360 degrees (wheel slot 2) 128–189 CW Spin Fast (wheel slot 2) 190–190 CW Spin Slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–254 CCW Spin Slow (wheel slot 2) 255–255 CCW Spin Fast (wheel slot 2)
18	Animation System1Pos Fine	0	Fine byte of Animation System1Pos
19	Blade2A	0	0–254 Out 255–255 In
20	Blade2A Fine	0	Fine byte of Blade2A
21	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
22	Blade2Rot Fine	0	Fine byte of Blade2Rot
23	Blade3A	0	0–254 Out 255–255 In
24	Blade3A Fine	0	Fine byte of Blade3A
25	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
26	Blade3Rot Fine	0	Fine byte of Blade3Rot
27	Blade4A	0	0–254 Out 255–255 In
28	Blade4A Fine	0	Fine byte of Blade4A
29	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
30	Blade4Rot Fine	0	Fine byte of Blade4Rot
31	Blade1A	0	0–254 Out 255–255 In
32	Blade1A Fine	0	Fine byte of Blade1A
33	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
34	Blade1Rot Fine	0	Fine byte of Blade1Rot
35	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right
36	Shaper Rot Fine	0	Fine byte of Shaper Rot

Extended_43ch (continued)

Ch	Function	Default	DMX values
37	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
38	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
39	Control1	0	0–63 NoFeature 64–127 Show 1 128–191 Show 2 192–255 Show 3
40	Control2	0	0–23 NoFeature 24–52 Chase 1 53–81 Chase 2 82–110 Chase 3 111–139 Chase 4 140–168 Chase 5 169–197 Chase 6 198–226 Chase 7 227–255 Chase 8

Extended_43ch (continued)

Ch	Function	Default	DMX values
41	Control3	0	0–31 NoFeature 32–38 Scene 1 39–45 Scene 2 46–52 Scene 3 53–59 Scene 4 60–66 Scene 5 67–73 Scene 6 74–80 Scene 7 81–87 Scene 8 88–94 Scene 9 95–101 Scene 10 102–108 Scene 11 109–115 Scene 12 116–122 Scene 13 123–129 Scene 14 130–136 Scene 15 137–143 Scene 16 144–150 Scene 17 151–157 Scene 18 158–164 Scene 19 165–171 Scene 20 172–178 Scene 21 179–185 Scene 22 186–192 Scene 23 193–199 Scene 24 200–206 Scene 25 207–213 Scene 26 214–220 Scene 27 221–227 Scene 28 228–234 Scene 29 235–241 Scene 30 242–248 Scene 31 249–255 Scene 32
42	Control4	0	0–85 NoFeature 86–170 Edit Scene Mode 171–255 Record Scene Mode

Extended_43ch (continued)

Ch	Function	Default	DMX values
43	Control5	0	0–1 NoFeature 2–3 COLOR WHEEL 1 BLACKOUT ON (index) 4–5 COLOR WHEEL 1 BLACKOUT OFF (index) 6–7 COLOR WHEEL 1 CONTINUOUS ON (index) 8–9 COLOR WHEEL 1 CONTINUOUS OFF (index) 10–11 ROTATING GOBO WHEEL BLACKOUT ON (index) 12–13 ROTATING GOBO WHEEL BLACKOUT OFF (index) 14–15 ROTATING GOBO WHEEL CONTINUOUS ON (index) 16–17 ROTATING GOBO WHEEL CONTINUOUS OFF (index) 18–19 GOBO ROTATION BLACKOUT ON (index) 20–21 GOBO ROTATION BLACKOUT OFF (index) 22–23 DISPLAY ON 24–25 DISPLAY 10S 26–27 DISPLAY 20S 28–29 DISPLAY 30S 30–31 FLIP DISPLAY OFF 32–33 FLIP DISPLAY ON 34–35 FLIP DISPLAY AUTO 36–37 KEY LOCK ON 38–39 KEY LOCK OFF 40–41 FAN MODE AUTO 42–43 FAN MODE ON 44–45 FAN MODE SILENT 46–47 RESET ALL 48–49 RESET COLOR WHEEL 50–51 RESET ROTATING GOBO WHEEL 52–53 RESET ZOOM 54–55 RESET FOCUS 56–57 RESET ANIMATION 58–59 RESET PRISM 60–61 RESET FROST 62–63 RESET FRAME ROTATION 64–65 RESET BLADE 1 POSITION 66–67 RESET BLADE 2 POSITION 68–69 RESET BLADE 3 POSITION 70–71 RESET BLADE 4 POSITION 72–253 Reserved 254–255 FACTORY DEFAULT OF CONTROL FUNCTIONS