Elation

Proteus Hybrid



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**24, 26, 37 channels**
Beam angle	**2-38°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**324 × 571 × 293 mm**
GDTF fixture type	**59B6703A-8D7F-41CC-B0FA-0A…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions · Strobe · Built-in effect programmes

DMX modes

Basic 540deg	24 ch
Basic 630deg	24 ch
Standard 540deg	26 ch
Standard 630deg	26 ch
Extended 540deg	37 ch
Extended Mode 630deg	37 ch

Basic 540deg

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TO	0	
7	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
8	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast

Basic 540deg (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
10	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast

Basic 540deg (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–31 Open 32–64 8 Facet prism 65–94 Linear Prism 95–127 8 Facet + Linear Prism 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16
12	Reserved 12	0	
13	Focus	0	
14	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
15	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
16	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
17	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
18	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
19	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
20	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
21	Color Mix MSpeed	0	

Basic 540deg (continued)

Ch	Function	Default	DMX values
22	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
23	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Basic 540deg (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On

Basic 630deg

24 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	C TO	0	
7	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast

Basic 630deg (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
9	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast

Basic 630deg (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
11	Prism	0	0–31 Open 32–64 8 Facet prism 65–94 Linear Prism 95–127 8 Facet + Linear Prism 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16

Basic 630deg (continued)

Ch	Function	Default	DMX values
12	Prism Rotation	0	0–126 Min Index 127–127 Max Index 128–159 CW Fast 160–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–222 CCW Slow 223–254 CCW Med 255–255 CCW Fast
13	Focus	0	
14	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
15	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
16	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
17	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
18	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
19	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
20	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
21	Color Mix MSpeed	0	

Basic 630deg (continued)

Ch	Function	Default	DMX values
22	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
23	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Basic 630deg (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On

Standard 540deg

26 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Empty Channel Set 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TO	0	

Standard 540deg (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
10	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
11	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast

Standard 540deg (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
13	Prism	0	0–31 Open 32–64 8 Facet prism 65–94 Linear Prism 95–128 8 Facet + Linear Prism 129–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16

Standard 540deg (continued)

Ch	Function	Default	DMX values
14	Prism Rotation	0	0–126 Min Index 127–127 Max Index 128–159 CW Fast 160–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–222 CCW Slow 223–254 CCW Med 255–255 CCW Fast
15	Focus	0	
16	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
17	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
18	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
19	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
20	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
21	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
22	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
23	Color Mix MSpeed	0	

Standard 540deg (continued)

Ch	Function	Default	DMX values
24	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
25	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Standard 540deg (continued)

Ch	Function	Default	DMX values
26	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On

Standard 630deg

26 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TO	0	

Standard 630deg (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
10	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
11	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast

Standard 630deg (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
13	Prism	0	0–31 Open 32–64 8 Facet prism 65–94 Linear Prism 95–128 8 Facet + Linear Prism 129–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16

Standard 630deg (continued)

Ch	Function	Default	DMX values
14	Prism Rotation	0	0–126 Min Index 127–127 Max Index 128–159 CW Fast 160–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–222 CCW Slow 223–254 CCW Med 255–255 CCW Fast
15	Focus	0	
16	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
17	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
18	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
19	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
20	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
21	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
22	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
23	Color Mix MSpeed	0	

Standard 630deg (continued)

Ch	Function	Default	DMX values
24	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
25	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Standard 630deg (continued)

Ch	Function	Default	DMX values
26	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On

Extended 540deg

37 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO

Extended 540deg (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
16	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended 540deg (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	Prism	0	0–31 Open 32–64 8 Facet prism 65–94 0 95–127 8 Facet + Linear Prism 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16

Extended 540deg (continued)

Ch	Function	Default	DMX values
21	Prism Rotation	0	0–126 Min Index 127–127 Max Index 128–159 CW Fast 160–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–222 CCW Slow 223–254 CCW Med 255–255 CCW Fast
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
26	Zoom Fine	255	Fine byte of Zoom
27	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
28	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
29	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
30	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
31	Dimmer Fine	0	Fine byte of Dimmer
32	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
33	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
34	Color Mix MSpeed	0	

Extended 540deg (continued)

Ch	Function	Default	DMX values
35	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
36	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Extended 540deg (continued)

Ch	Function	Default	DMX values
37	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On

Extended Mode 630deg

37 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO

Extended Mode 630deg (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–23 Red (wheel slot 2) 24–31 Blue (wheel slot 3) 32–39 Green (wheel slot 4) 40–47 Yellow (wheel slot 5) 48–55 Purple (wheel slot 6) 56–63 Aqua (wheel slot 7) 64–71 Orange (wheel slot 8) 72–79 Light Pink (wheel slot 9) 80–87 Lime Green (wheel slot 10) 88–95 Light Yellow (wheel slot 11) 96–103 Magenta (wheel slot 12) 104–111 CTB (wheel slot 13) 112–119 CTO (wheel slot 14) 120–127 UV (wheel slot 15) 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Gobo	0	0–10 BeamMode 11–21 ZoomMode 22–31 Gobo 1 (wheel slot 2) 32–41 Gobo 2 (wheel slot 3) 42–51 Gobo 3 (wheel slot 4) 52–61 Gobo 4 (wheel slot 5) 62–71 Gobo 5 (wheel slot 6) 72–81 Gobo 6 (wheel slot 7) 82–91 Gobo 7 (wheel slot 8) 92–101 Gobo 8 (wheel slot 9) 102–112 Gobo 1 (wheel slot 2) 113–123 Gobo 2 (wheel slot 3) 124–134 Gobo 3 (wheel slot 4) 135–145 Gobo 4 (wheel slot 5) 146–156 Gobo 5 (wheel slot 6) 157–167 Gobo 6 (wheel slot 7) 168–178 Gobo 7 (wheel slot 8) 179–189 Gobo 8 (wheel slot 9) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
16	Gobo Rotation	0	0–126 Index Min 127–127 Index Max 128–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Mode 630deg (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 14 (wheel slot 15) 106–111 Gobo 1 (wheel slot 2) 112–117 Gobo 2 (wheel slot 3) 118–123 Gobo 3 (wheel slot 4) 124–129 Gobo 4 (wheel slot 5) 130–135 Gobo 5 (wheel slot 6) 136–141 Gobo 6 (wheel slot 7) 142–147 Gobo 7 (wheel slot 8) 148–153 Gobo 8 (wheel slot 9) 154–159 Gobo 9 (wheel slot 10) 160–165 Gobo 10 (wheel slot 11) 166–171 Gobo 11 (wheel slot 12) 172–177 Gobo 12 (wheel slot 13) 178–183 Gobo 13 (wheel slot 14) 184–189 Gobo 14 (wheel slot 15) 190–205 CW Fast 206–220 CW Med 221–221 CW Slow 222–223 Rot Stop 224–238 CCW Slow 239–254 CCW Med 255–255 CCW Fast
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	Prism	0	0–31 Open (wheel slot 1) 32–64 8 Facet prism (wheel slot 2) 65–94 Linear Prism (wheel slot 3) 95–127 8 Facet + Linear Prism (wheel slot 4) 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16

Extended Mode 630deg (continued)

Ch	Function	Default	DMX values
21	Prism Rotation	0	0–126 Min Index 127–127 Max Index 128–159 CW Fast 160–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–222 CCW Slow 223–254 CCW Med 255–255 CCW Fast
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
26	Zoom Fine	255	Fine byte of Zoom
27	Focus1Adjust	0	0–50 Off 51–150 49 Ft / 15 M 151–255 65 Ft / 20m
28	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
29	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
30	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
31	Dimmer Fine	0	Fine byte of Dimmer
32	Frost1	0	0–127 Frost Disable 128–255 Frost Enable
33	Animation Wheel1	0	0–7 No Animation (wheel slot 1) 8–68 CW Fast (wheel slot 2) 69–126 CW Med (wheel slot 2) 127–127 CW Slow (wheel slot 2) 128–135 Rot Stop (wheel slot 2) 136–193 CCW Slow (wheel slot 2) 194–254 CCW Med (wheel slot 2) 255–255 CCW Fast (wheel slot 2)
34	Color Mix MSpeed	0	

Extended Mode 630deg (continued)

Ch	Function	Default	DMX values
35	Color Macro1	0	0–31 Macros Off 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 Random CMY
36	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–248 Sun Protection On 249–251 Sun Protection Off 252–253 Idle Position On 254–255 Idle Position Off

Extended Mode 630deg (continued)

Ch	Function	Default	DMX values
37	Control1	0	0–19 Color Change Normal 20–29 Color Change To Any Position 30–39 Color and Fixed Gobo Change To Any Position 40–59 Lamp On 60–79 Lamp Off 80–84 All Motors Reset 85–87 Scan Motor Reset 88–90 Color Motors Reset 91–93 Gobo Motors Reset 94–96 Shutter and Dimmer Motor Reset 97–99 Other Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal program 6 220–239 Internal Program 7 240–241 Dimming Standard 242–243 Dimming Linear 244–245 Dimming Square 246–247 Dimming Inverse Square 248–249 Dimming S-Curve 250–251 Displa OFF 252–253 Display ON 254–254 Hibernate Off 255–255 Hibernate On