Elation

Platinum FLX



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**24, 26, 37 channels**
Beam angle	**6-42°**
Pan range	**540°**
Tilt range	**248°**
Size (W × H × D)	**340 × 532 × 284 mm**
GDTF fixture type	**859C72DA-C30A-4D5E-8D85-70…**

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

Strobe

DMX modes

Basic	24 ch
Stand	26 ch
Extend	37 ch

Basic

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Cyan	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
4	Magenta	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
5	Yellow	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
6	C TO	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
7	Color Wheel	0	0–7 Open (wheel slot 1) 8–19 Red (wheel slot 2) 20–31 Blue (wheel slot 3) 32–43 Green (wheel slot 4) 44–55 Yellow (wheel slot 5) 56–67 Magenta (wheel slot 6) 68–79 Orange (wheel slot 7) 80–91 LT Blue (wheel slot 8) 92–103 CTO (wheel slot 9) 104–115 CTB (wheel slot 10) 116–127 UV Filter (wheel slot 11) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
8	Gobo	0	0–10 Beam Open (wheel slot 1) 11–21 Spot Open (wheel slot 2) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast

Basic (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
10	Gobo 2	0	0–9 Open (wheel slot 1) 10–17 Gobo 1 (wheel slot 2) 18–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Animation Pos 1 66–73 Animation Pos 2 74–81 Animation Pos 3 82–89 Animation Pos 4 90–97 Animation Pos 5 98–105 Animation Pos 6 106–112 Gobo 1 (wheel slot 2) 113–119 Gobo 2 (wheel slot 3) 120–126 Gobo 3 (wheel slot 4) 127–133 Gobo 4 (wheel slot 5) 134–140 Gobo 5 (wheel slot 6) 141–147 Gobo 6 (wheel slot 7) 148–154 Animation Pos 1 155–161 Animation Pos 2 (wheel slot 10) 162–168 Animation Pos 3 169–175 Animation Pos 4 176–182 Animation Pos 5 183–189 Animation Pos 6 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast
11	Prism	0	0–31 Open (wheel slot 1) 32–79 8-FACET Prism 80–127 LINEAR Rotating Prism 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
12	Prism Rotation	0	0–127 Prism Indexing 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
13	Focus	0	
14	Zoom	0	
15	Focus1Distance	0	0–50 Auto Focus OFF 51–150 15m 151–255 20m

Basic (continued)

Ch	Function	Default	DMX values
16	Focus1Distance Fine	0	Fine byte of Focus1Distance
17	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter 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 Open 128–255 100 %
20	Animation Wheel1	0	
21	Color Macro1Rate	0	
22	Color Macro1	0	0–31 NO Function 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–115 Color Macro 11 116–119 Color Macro 12 120–127 Color Macro 13 128–135 Color Macro 14 136–143 Color Macro 15 144–151 Color Macro 16 152–159 Color Macro 17 160–167 Color Macro 18 168–175 Color Macro 19 176–183 Color Macro 20 184–191 Color Macro 21 192–199 Color Macro 22 200–207 Color Macro 23 208–215 Color Macro 24 216–223 Color Macro 25 224–231 Color Macro 26 232–247 Color Macro 27 248–255 Random CMY
23	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function

Basic (continued)

Ch	Function	Default	DMX values
24	Function	0	0–19 Color and GOBO Change Normal 20–29 COLOR Change to Any Position 30–39 Color and GOBO Change to Any Position 40–59 LAMP ON 60–79 LAMP Switch OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER 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 7 240–255 Reserved

Stand

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Cyan	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %

Stand (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–7 Open (wheel slot 1) 8–19 Red (wheel slot 2) 20–31 Blue (wheel slot 3) 32–43 Green (wheel slot 4) 44–55 Yellow (wheel slot 5) 56–67 Magenta (wheel slot 6) 68–79 Orange (wheel slot 7) 80–91 LT Blue (wheel slot 8) 92–103 CTO (wheel slot 9) 104–115 CTB (wheel slot 10) 116–127 UV Filter (wheel slot 11) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
10	Gobo	0	0–10 Beam Open (wheel slot 1) 11–21 Spot Open (wheel slot 2) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Stand (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–9 Open (wheel slot 1) 10–17 Gobo 1 (wheel slot 2) 18–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Animation Pos 1 66–73 Animation Pos 2 74–81 Animation Pos 3 82–89 Animation Pos 4 90–97 Animation Pos 5 98–105 Animation Pos 6 106–112 Gobo 1 (wheel slot 2) 113–119 Gobo 2 (wheel slot 3) 120–126 Gobo 3 (wheel slot 4) 127–133 Gobo 4 (wheel slot 5) 134–140 Gobo 5 (wheel slot 6) 141–147 Gobo 6 (wheel slot 7) 148–154 Animation Pos 1 155–161 Animation Pos 2 (wheel slot 10) 162–168 Animation Pos 3 169–175 Animation Pos 4 176–182 Animation Pos 5 183–189 Animation Pos 6 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast
13	Prism	0	0–31 Open (wheel slot 1) 32–79 8-FACET Prism 80–127 LINEAR Rotating Prism 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
14	Prism Rotation	0	0–127 Prism Indexing 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
15	Focus	0	
16	Zoom	0	
17	Focus1Distance	0	0–50 Auto Focus OFF 51–150 15m 151–255 20m
18	Focus1Distance Fine	0	Fine byte of Focus1Distance

Stand (continued)

Ch	Function	Default	DMX values
19	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter 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 Open 128–255 100 %
22	Animation Wheel1	0	
23	Color Macro1Rate	0	
24	Color Macro1	0	0–31 NO Function 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–115 Color Macro 11 116–119 Color Macro 12 120–127 Color Macro 13 128–135 Color Macro 14 136–143 Color Macro 15 144–151 Color Macro 16 152–159 Color Macro 17 160–167 Color Macro 18 168–175 Color Macro 19 176–183 Color Macro 20 184–191 Color Macro 21 192–199 Color Macro 22 200–207 Color Macro 23 208–215 Color Macro 24 216–223 Color Macro 25 224–231 Color Macro 26 232–247 Color Macro 27 248–255 Random CMY
25	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function

Stand (continued)

Ch	Function	Default	DMX values
26	Function	0	0–19 Color and GOBO Change Normal 20–29 COLOR Change to Any Position 30–39 Color and GOBO Change to Any Position 40–59 LAMP ON 60–79 LAMP Switch OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER 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 7 240–255 Reserved

Extend

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Cyan	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–63 0 % 64–127 25 % 128–190 50 % 191–254 75 % 255–255 100 %
12	C TO Fine	0	Fine byte of C TO

Extend (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–7 Open (wheel slot 1) 8–19 Red (wheel slot 2) 20–31 Blue (wheel slot 3) 32–43 Green (wheel slot 4) 44–55 Yellow (wheel slot 5) 56–67 Magenta (wheel slot 6) 68–79 Orange (wheel slot 7) 80–91 LT Blue (wheel slot 8) 92–103 CTO (wheel slot 9) 104–115 CTB (wheel slot 10) 116–127 UV Filter (wheel slot 11) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Gobo	0	0–10 Beam Open (wheel slot 1) 11–21 Spot Open (wheel slot 2) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast
16	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extend (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–9 Open (wheel slot 1) 10–17 Gobo 1 (wheel slot 2) 18–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Animation Pos 1 66–73 Animation Pos 2 74–81 Animation Pos 3 82–89 Animation Pos 4 90–97 Animation Pos 5 98–105 Animation Pos 6 106–112 Gobo 1 (wheel slot 2) 113–119 Gobo 2 (wheel slot 3) 120–126 Gobo 3 (wheel slot 4) 127–133 Gobo 4 (wheel slot 5) 134–140 Gobo 5 (wheel slot 6) 141–147 Gobo 6 (wheel slot 7) 148–154 Animation Pos 1 155–161 Animation Pos 2 (wheel slot 10) 162–168 Animation Pos 3 169–175 Animation Pos 4 176–182 Animation Pos 5 183–189 Animation Pos 6 190–221 CW Rot Fast to Slow 222–223 No Rotation 224–255 CCW Slow to Fast
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	Prism	0	0–31 Open (wheel slot 1) 32–79 8-FACET Prism 80–127 LINEAR Rotating Prism 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
21	Prism Rotation	0	0–127 Prism Indexing 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Zoom	0	
26	Zoom Fine	0	Fine byte of Zoom

Extend (continued)

Ch	Function	Default	DMX values
27	Focus1Distance	0	0–50 Auto Focus OFF 51–150 15m 151–255 20m
28	Focus1Distance Fine	0	Fine byte of Focus1Distance
29	Shutter / Strobe	50	0–31 Shutter Closed 32–63 No Function (Shutter Open) 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 No Function (Shutter Open) 192–223 Random Strobe Effect Slow to Fast 224–255 No Function (Shutter 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 Open 128–255 100 %
33	Animation Wheel1	0	
34	Color Macro1Rate	0	
35	Color Macro1	0	0–31 NO Function 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–115 Color Macro 11 116–119 Color Macro 12 120–127 Color Macro 13 128–135 Color Macro 14 136–143 Color Macro 15 144–151 Color Macro 16 152–159 Color Macro 17 160–167 Color Macro 18 168–175 Color Macro 19 176–183 Color Macro 20 184–191 Color Macro 21 192–199 Color Macro 22 200–207 Color Macro 23 208–215 Color Macro 24 216–223 Color Macro 25 224–231 Color Macro 26 232–247 Color Macro 27 248–255 Random CMY
36	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function

Extend (continued)

Ch	Function	Default	DMX values
37	Function	0	0–19 Color and GOBO Change Normal 20–29 COLOR Change to Any Position 30–39 Color and GOBO Change to Any Position 40–59 LAMP ON 60–79 LAMP Switch OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER 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 7 240–255 Reserved