Elation

Artiste Rembrandt



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**35, 59 channels**
Beam angle	**5.5-50°**
Pan range	**630°**
Tilt range	**250°**
Size (W × H × D)	**356 × 584 × 305 mm**
GDTF fixture type	**82760A3A-F05B-4BA7-917C-A4…**

Controls

Focus · Frost · Iris · Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel

Safety-relevant functions

Strobe

DMX modes

Standard Pan540	35 ch
Standard Pan630	35 ch
Extended Pan540	59 ch
Extended Pan630	59 ch

Standard Pan540

35 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	Color Add C	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Color Add M	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Color Add Y	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	
9	Pure Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Pure Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
11	Pure Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Color Wheel	0	0–19 OPEN (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
13	Focus	0	
14	Focus Fine	0	Fine byte of Focus
15	Zoom	0	
16	Zoom Fine	0	Fine byte of Zoom

Standard Pan540 (continued)

Ch	Function	Default	DMX values
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% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
19	Dimmer Fine	0	Fine byte of Dimmer
20	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
21	Frost1	0	0–127 Open to Medium Frost 128–255 Open to Heavy Frost
22	Animation Wheel1	0	0–7 OPEN 8–254 Min 255–255 Max
23	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
24	Animation Wheel2	0	0–7 OPEN 8–254 Min 255–255 Max
25	Animation Wheel2Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
26	Blade1A	0	
27	Blade1B	0	
28	Blade2A	0	
29	Blade2B	0	
30	Blade3A	0	
31	Blade3B	0	
32	Blade4A	0	
33	Blade4B	0	
34	Beam Shaper Pos Rotate	0	0–127 Index 128–189 CW rotation from fast to slow 190–193 No rotation 194–255 CCW rotation from fast to slow
35	Function	0	

Standard Pan630

35 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Add C	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Color Add M	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Color Add Y	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	
9	Pure Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Pure Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
11	Pure Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
12	Color Wheel	0	0–19 OPEN (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
13	Focus	0	
14	Focus Fine	0	Fine byte of Focus
15	Zoom	0	
16	Zoom Fine	0	Fine byte of Zoom

Standard Pan630 (continued)

Ch	Function	Default	DMX values
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% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
19	Dimmer Fine	0	Fine byte of Dimmer
20	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
21	Frost1	0	0–127 Open to Medium Frost 128–255 Open to Heavy Frost
22	Animation Wheel1	0	0–7 OPEN 8–254 Min 255–255 Max
23	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
24	Animation Wheel2	0	0–7 OPEN 8–254 Min 255–255 Max
25	Animation Wheel2Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
26	Blade1A	0	
27	Blade1B	0	
28	Blade2A	0	
29	Blade2B	0	
30	Blade3A	0	
31	Blade3B	0	
32	Blade4A	0	
33	Blade4B	0	
34	Beam Shaper Pos Rotate	0	0–127 Index 128–189 CW rotation from fast to slow 190–193 No rotation 194–255 CCW rotation from fast to slow
35	Function	0	

Extended Pan540

59 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Add C	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Color Add C Fine	0	Fine byte of Color Add C
7	Color Add M	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Color Add M Fine	0	Fine byte of Color Add M
9	Color Add Y	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add Y Fine	0	Fine byte of Color Add Y
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO
13	Pure Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Pure Red Fine	0	Fine byte of Pure Red
15	Pure Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
16	Pure Green Fine	0	Fine byte of Pure Green
17	Pure Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
18	Pure Blue Fine	0	Fine byte of Pure Blue
19	Color Wheel	0	0–19 OPEN (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
20	Color Wheel Fine	0	Fine byte of Color Wheel
21	Focus	0	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
22	Focus Fine	0	Fine byte of Focus
23	Zoom	0	
24	Zoom Fine	0	Fine byte of Zoom
25	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
26	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 129–129 0'8s 130–130 0'9s 131–131 1s 132–132 1'5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
29	Iris	0	0–192 MAX to MIN Diameter 193–224 Pulse Opening FAST to SLOW 225–255 Pulse Closing SLOW to FAST
30	Iris Fine	0	Fine byte of Iris
31	Frost1	0	0–127 Open to Medium Frost 128–255 Open to Heavy Frost
32	Animation Wheel1	0	0–7 OPEN 8–254 Min 255–255 Max

Extended Pan540 (continued)

Ch	Function	Default	DMX values
33	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
34	Animation Wheel2	0	0–7 OPEN 8–254 Min 255–255 Max
35	Animation Wheel2Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
36	Color Mix MSpeed	0	
37	Color Macro1	0	0–31 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
38	Blade1A	0	
39	Blade1A Fine	0	Fine byte of Blade1A
40	Blade1B	0	
41	Blade1B Fine	0	Fine byte of Blade1B
42	Blade2A	0	
43	Blade2A Fine	0	Fine byte of Blade2A
44	Blade2B	0	
45	Blade2B Fine	0	Fine byte of Blade2B
46	Blade3A	0	
47	Blade3A Fine	0	Fine byte of Blade3A
48	Blade3B	0	
49	Blade3B Fine	0	Fine byte of Blade3B
50	Blade4A	0	
51	Blade4A Fine	0	Fine byte of Blade4A

Extended Pan540 (continued)

Ch	Function	Default	DMX values
52	Blade4B	0	
53	Blade4B Fine	0	Fine byte of Blade4B
54	Beam Shaper Pos Rotate	0	0–127 Index 128–189 CW rotation from fast to slow 190–193 No rotation 194–255 CCW rotation from fast to slow
55	Beam Shaper Pos Rotate Fine	0	Fine byte of Beam Shaper Pos Rotate
56	Global MSpeed	0	
57	Beam Shaper Macro	0	0–7 OFF 8–15 Macro 01 16–23 Macro 02 24–31 Macro 03 32–39 Macro 04 40–47 Macro 05 48–55 Macro 06 56–63 Macro 07 64–71 Macro 08 72–79 Macro 09 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
58	Position MSpeed	0	0–225 MAX to MIN Speed 226–235 Blackout by Movement 236–245 Blackout by ALL Wheel Movement 246–255 NO FUNCTION
59	Function	0	

Extended Pan630

59 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt

Extended Pan630 (continued)

Ch	Function	Default	DMX values
5	Color Add C	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Color Add C Fine	0	Fine byte of Color Add C
7	Color Add M	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Color Add M Fine	0	Fine byte of Color Add M
9	Color Add Y	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Color Add Y Fine	0	Fine byte of Color Add Y
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO
13	Pure Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Pure Red Fine	0	Fine byte of Pure Red
15	Pure Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
16	Pure Green Fine	0	Fine byte of Pure Green
17	Pure Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
18	Pure Blue Fine	0	Fine byte of Pure Blue
19	Color Wheel	0	0–19 OPEN (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 UV (wheel slot 4) 74–91 High CRI (wheel slot 5) 92–109 Amber (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
20	Color Wheel Fine	0	Fine byte of Color Wheel
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus
23	Zoom	0	
24	Zoom Fine	0	Fine byte of Zoom

Extended Pan630 (continued)

Ch	Function	Default	DMX values
25	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
26	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 129–129 0'8s 130–130 0'9s 131–131 1s 132–132 1'5s 133–133 2s 134–134 3s 135–135 4s 136–136 5s 137–137 6s 138–138 7s 139–139 8s 140–140 9s 141–141 10s 142–255 Idle
29	Iris	0	0–192 MAX to MIN Diameter 193–224 Pulse Opening FAST to SLOW 225–255 Pulse Closing SLOW to FAST
30	Iris Fine	0	Fine byte of Iris
31	Frost1	0	0–127 Open to Medium Frost 128–255 Open to Heavy Frost
32	Animation Wheel1	0	0–7 OPEN 8–254 Min 255–255 Max
33	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST

Extended Pan630 (continued)

Ch	Function	Default	DMX values
34	Animation Wheel2	0	0–7 OPEN 8–254 Min 255–255 Max
35	Animation Wheel2Pos	0	0–127 Animation Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
36	Color Mix MSpeed	0	
37	Color Macro1	0	0–31 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
38	Blade1A	0	
39	Blade1A Fine	0	Fine byte of Blade1A
40	Blade1B	0	
41	Blade1B Fine	0	Fine byte of Blade1B
42	Blade2A	0	
43	Blade2A Fine	0	Fine byte of Blade2A
44	Blade2B	0	
45	Blade2B Fine	0	Fine byte of Blade2B
46	Blade3A	0	
47	Blade3A Fine	0	Fine byte of Blade3A
48	Blade3B	0	
49	Blade3B Fine	0	Fine byte of Blade3B
50	Blade4A	0	
51	Blade4A Fine	0	Fine byte of Blade4A
52	Blade4B	0	
53	Blade4B Fine	0	Fine byte of Blade4B

Extended Pan630 (continued)

Ch	Function	Default	DMX values
54	Beam Shaper Pos Rotate	0	0–127 Index 128–189 CW rotation from fast to slow 190–193 No rotation 194–255 CCW rotation from fast to slow
55	Beam Shaper Pos Rotate Fine	0	Fine byte of Beam Shaper Pos Rotate
56	Global MSpeed	0	
57	Beam Shaper Macro	0	0–7 OFF 8–15 Macro 01 16–23 Macro 02 24–31 Macro 03 32–39 Macro 04 40–47 Macro 05 48–55 Macro 06 56–63 Macro 07 64–71 Macro 08 72–79 Macro 09 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
58	Position MSpeed	0	0–225 MAX to MIN Speed 226–235 Blackout by Movement 236–245 Blackout by ALL Wheel Movement 246–255 NO FUNCTION
59	Function	0	