Elation

SIXBAR 500



Manufacturer	**Elation**
Type	**Strobe**
DMX modes	**8**
DMX footprint	**6, 7, 11, 13, 18, 36, 39, 43 channels**
Beam angle	**18.7°**
Heads / cells	**6**
Size (W × H × D)	**465 × 140 × 40 mm**
GDTF fixture type	**D038B579-BEA9-478A-AF05-A4…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

6CH	6 ch
7CH	7 ch
11CH	11 ch
13CH	13 ch
18CH	18 ch
36CH	36 ch
39CH	39 ch
43CH	43 ch

6CH

6 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	White	0	0–254 White Min 255–255 White Max
5	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
6	UV	0	0–254 UV Min 255–255 UV Max

7CH

7 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	White	0	0–254 White Min 255–255 White Max
5	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
6	UV	0	0–254 UV Min 255–255 UV Max
7	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

11CH

11 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	White	0	0–254 White Min 255–255 White Max
5	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
6	UV	0	0–254 UV Min 255–255 UV Max

11CH (continued)

Ch	Function	Default	DMX values
7	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
8	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)
9	Effect	0	0–10 NO Function 11–26 Program 01 - DREAM 27–43 Program 02 - METEOR 44–60 Program 03 - FADE 61–76 Program 04 - CHANGE 77–93 Program 05 - FLOW 1 94–110 Program 06 - FLOW 2 111–126 Program 07 - FLOW 3 127–143 Program 08 - FLOW 4 144–160 Program 09 - FLOW 5 161–176 Program 10 - FLOW 6 177–193 Program 11 - FLOW 7 194–210 Program 12 - FLOW 8 211–226 Program 13 - FLOW 9 227–255 NO Function
10	Effect Speed	0	
11	Effects1Fade	0	

13CH

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	White	0	0–254 White Min 255–255 White Max
5	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
6	UV	0	0–254 UV Min 255–255 UV Max
7	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

13CH (continued)

Ch	Function	Default	DMX values
8	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)

13CH (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–3 NO Function (wheel slot 1) 4–7 Color Macro 1 (wheel slot 2) 8–11 Color Macro 2 (wheel slot 3) 12–15 Color Macro 3 (wheel slot 4) 16–19 Color Macro 4 (wheel slot 5) 20–23 Color Macro 5 (wheel slot 6) 24–27 Color Macro 6 (wheel slot 7) 28–31 Color Macro 7 (wheel slot 8) 32–35 Color Macro 8 (wheel slot 9) 36–39 Color Macro 9 (wheel slot 10) 40–43 Color Macro 10 (wheel slot 11) 44–47 Color Macro 11 (wheel slot 12) 48–51 Color Macro 12 (wheel slot 13) 52–55 Color Macro 13 (wheel slot 14) 56–59 Color Macro 14 (wheel slot 15) 60–63 Color Macro 15 (wheel slot 16) 64–67 Color Macro 16 (wheel slot 17) 68–71 Color Macro 17 (wheel slot 18) 72–75 Color Macro 18 (wheel slot 19) 76–79 Color Macro 19 (wheel slot 20) 80–83 Color Macro 20 (wheel slot 21) 84–87 Color Macro 21 (wheel slot 22) 88–91 Color Macro 22 (wheel slot 23) 92–95 Color Macro 23 (wheel slot 24) 96–99 Color Macro 24 (wheel slot 25) 100–103 Color Macro 25 (wheel slot 26) 104–107 Color Macro 26 (wheel slot 27) 108–111 Color Macro 27 (wheel slot 28) 112–115 Color Macro 28 (wheel slot 29) 116–119 Color Macro 29 (wheel slot 30) 120–123 Color Macro 30 (wheel slot 31) 124–127 Color Macro 31 (wheel slot 32) 128–131 Color Macro 32 (wheel slot 33) 132–135 Color Macro 33 (wheel slot 34) 136–139 Color Macro 34 (wheel slot 35) 140–143 Color Macro 35 (wheel slot 36) 144–147 Color Macro 36 (wheel slot 37) 148–151 Color Macro 37 (wheel slot 38) 152–155 Color Macro 38 (wheel slot 39) 156–159 Color Macro 39 (wheel slot 40) 160–163 Color Macro 40 (wheel slot 41) 164–167 Color Macro 41 (wheel slot 42) 168–171 Color Macro 42 (wheel slot 43) 172–175 Color Macro 43 (wheel slot 44) 176–179 Color Macro 44 (wheel slot 45) 180–183 Color Macro 45 (wheel slot 46) 184–187 Color Macro 46 (wheel slot 47) 188–191 Color Macro 47 (wheel slot 48) 192–195 Color Macro 48 (wheel slot 49) 196–199 Color Macro 49 (wheel slot 50) 200–203 Color Macro 50 (wheel slot 51) 204–207 Color Macro 51 (wheel slot 52) 208–211 Color Macro 52 (wheel slot 53) 212–215 Color Macro 53 (wheel slot 54) 216–219 Color Macro 54 (wheel slot 55) 220–223 Color Macro 55 (wheel slot 56) 224–227 Color Macro 56 (wheel slot 57) 228–231 Color Macro 57 (wheel slot 58) 232–235 Color Macro 58 (wheel slot 59) 236–239 Color Macro 59 (wheel slot 60) 240–243 Color Macro 60 (wheel slot 61) 244–247 Color Macro 61 (wheel slot 62) 248–251 Color Macro 62 (wheel slot 63) 252–255 Color Macro 63 (wheel slot 64)

13CH (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–10 NO Function 11–26 Program 01 - DREAM 27–43 Program 02 - METEOR 44–60 Program 03 - FADE 61–76 Program 04 - CHANGE 77–93 Program 05 - FLOW 1 94–110 Program 06 - FLOW 2 111–126 Program 07 - FLOW 3 127–143 Program 08 - FLOW 4 144–160 Program 09 - FLOW 5 161–176 Program 10 - FLOW 6 177–193 Program 11 - FLOW 7 194–210 Program 12 - FLOW 8 211–226 Program 13 - FLOW 9 227–255 NO Function
11	Effect Speed	0	
12	Effects1Fade	0	
13	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

18CH

18 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
2	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
3	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
4	White	0	0–254 White 1 Min 255–255 White 1 Max
5	Color Add RY	0	0–254 Amber 1 Min 255–255 Amber 1 Max
6	UV	0	0–254 UV 1 Min 255–255 UV 1 Max
7	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
8	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
9	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
10	White	0	0–254 White 2 Min 255–255 White 2 Max
11	Color Add RY	0	0–254 Amber 2 Min 255–255 Amber 2 Max
12	UV	0	0–254 UV 2 Min 255–255 UV 2 Max
13	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	0	0–254 Green 3 Min 255–255 Green 3 Max

18CH (continued)

Ch	Function	Default	DMX values
15	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
16	White	0	0–254 White 3 Min 255–255 White 3 Max
17	Color Add RY	0	0–254 Amber 3 Min 255–255 Amber 3 Max
18	UV	0	0–254 UV 3 Min 255–255 UV 3 Max

36CH

36 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
2	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
3	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
4	White	0	0–254 White 1 Min 255–255 White 1 Max
5	Color Add RY	0	0–254 Amber 1 Min 255–255 Amber 1 Max
6	UV	0	0–254 UV 1 Min 255–255 UV 1 Max
7	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
8	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
9	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
10	White	0	0–254 White 2 Min 255–255 White 2 Max
11	Color Add RY	0	0–254 Amber 2 Min 255–255 Amber 2 Max
12	UV	0	0–254 UV 2 Min 255–255 UV 2 Max
13	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
15	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
16	White	0	0–254 White 3 Min 255–255 White 3 Max
17	Color Add RY	0	0–254 Amber 3 Min 255–255 Amber 3 Max
18	UV	0	0–254 UV 3 Min 255–255 UV 3 Max
19	Red	0	0–254 Red 4 Min 255–255 Red 4 Max
20	Green	0	0–254 Green 4 Min 255–255 Green 4 Max

36CH (continued)

Ch	Function	Default	DMX values
21	Blue	0	0–254 Blue 4 Min 255–255 Blue 4 Max
22	White	0	0–254 White 4 Min 255–255 White 4 Max
23	Color Add RY	0	0–254 Amber 4 Min 255–255 Amber 4 Max
24	UV	0	0–254 UV 4 Min 255–255 UV 4 Max
25	Red	0	0–254 Red 5 Min 255–255 Red 5 Max
26	Green	0	0–254 Green 5 Min 255–255 Green 5 Max
27	Blue	0	0–254 Blue 5 Min 255–255 Blue 5 Max
28	White	0	0–254 White 5 Min 255–255 White 5 Max
29	Color Add RY	0	0–254 Amber 5 Min 255–255 Amber 5 Max
30	UV	0	0–254 UV 5 Min 255–255 UV 5 Max
31	Red	0	0–254 Red 6 Min 255–255 Red 6 Max
32	Green	0	0–254 Green 6 Min 255–255 Green 6 Max
33	Blue	0	0–254 Blue 6 Min 255–255 Blue 6 Max
34	White	0	0–254 White 6 Min 255–255 White 6 Max
35	Color Add RY	0	0–254 Amber 6 Min 255–255 Amber 6 Max
36	UV	0	0–254 UV 6 Min 255–255 UV 6 Max

39CH

39 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
2	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
3	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
4	White	0	0–254 White 1 Min 255–255 White 1 Max
5	Color Add RY	0	0–254 Amber 1 Min 255–255 Amber 1 Max
6	UV	0	0–254 UV 1 Min 255–255 UV 1 Max
7	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
8	Green	0	0–254 Green 2 Min 255–255 Green 2 Max

39CH (continued)

Ch	Function	Default	DMX values
9	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
10	White	0	0–254 White 2 Min 255–255 White 2 Max
11	Color Add RY	0	0–254 Amber 2 Min 255–255 Amber 2 Max
12	UV	0	0–254 UV 2 Min 255–255 UV 2 Max
13	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
15	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
16	White	0	0–254 White 3 Min 255–255 White 3 Max
17	Color Add RY	0	0–254 Amber 3 Min 255–255 Amber 3 Max
18	UV	0	0–254 UV 3 Min 255–255 UV 3 Max
19	Red	0	0–254 Red 4 Min 255–255 Red 4 Max
20	Green	0	0–254 Green 4 Min 255–255 Green 4 Max
21	Blue	0	0–254 Blue 4 Min 255–255 Blue 4 Max
22	White	0	0–254 White 4 Min 255–255 White 4 Max
23	Color Add RY	0	0–254 Amber 4 Min 255–255 Amber 4 Max
24	UV	0	0–254 UV 4 Min 255–255 UV 4 Max
25	Red	0	0–254 Red 5 Min 255–255 Red 5 Max
26	Green	0	0–254 Green 5 Min 255–255 Green 5 Max
27	Blue	0	0–254 Blue 5 Min 255–255 Blue 5 Max
28	White	0	0–254 White 5 Min 255–255 White 5 Max
29	Color Add RY	0	0–254 Amber 5 Min 255–255 Amber 5 Max
30	UV	0	0–254 UV 5 Min 255–255 UV 5 Max
31	Red	0	0–254 Red 6 Min 255–255 Red 6 Max
32	Green	0	0–254 Green 6 Min 255–255 Green 6 Max
33	Blue	0	0–254 Blue 6 Min 255–255 Blue 6 Max
34	White	0	0–254 White 6 Min 255–255 White 6 Max

39CH (continued)

Ch	Function	Default	DMX values
35	Color Add RY	0	0–254 Amber 6 Min 255–255 Amber 6 Max
36	UV	0	0–254 UV 6 Min 255–255 UV 6 Max
37	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
38	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)
39	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

43CH

43 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
2	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
3	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
4	White	0	0–254 White 1 Min 255–255 White 1 Max
5	Color Add RY	0	0–254 Amber 1 Min 255–255 Amber 1 Max
6	UV	0	0–254 UV 1 Min 255–255 UV 1 Max
7	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
8	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
9	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
10	White	0	0–254 White 2 Min 255–255 White 2 Max
11	Color Add RY	0	0–254 Amber 2 Min 255–255 Amber 2 Max
12	UV	0	0–254 UV 2 Min 255–255 UV 2 Max
13	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	0	0–254 Green 3 Min 255–255 Green 3 Max

43CH (continued)

Ch	Function	Default	DMX values
15	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
16	White	0	0–254 White 3 Min 255–255 White 3 Max
17	Color Add RY	0	0–254 Amber 3 Min 255–255 Amber 3 Max
18	UV	0	0–254 UV 3 Min 255–255 UV 3 Max
19	Red	0	0–254 Red 4 Min 255–255 Red 4 Max
20	Green	0	0–254 Green 4 Min 255–255 Green 4 Max
21	Blue	0	0–254 Blue 4 Min 255–255 Blue 4 Max
22	White	0	0–254 White 4 Min 255–255 White 4 Max
23	Color Add RY	0	0–254 Amber 4 Min 255–255 Amber 4 Max
24	UV	0	0–254 UV 4 Min 255–255 UV 4 Max
25	Red	0	0–254 Red 5 Min 255–255 Red 5 Max
26	Green	0	0–254 Green 5 Min 255–255 Green 5 Max
27	Blue	0	0–254 Blue 5 Min 255–255 Blue 5 Max
28	White	0	0–254 White 5 Min 255–255 White 5 Max
29	Color Add RY	0	0–254 Amber 5 Min 255–255 Amber 5 Max
30	UV	0	0–254 UV 5 Min 255–255 UV 5 Max
31	Red	0	0–254 Red 6 Min 255–255 Red 6 Max
32	Green	0	0–254 Green 6 Min 255–255 Green 6 Max
33	Blue	0	0–254 Blue 6 Min 255–255 Blue 6 Max
34	White	0	0–254 White 6 Min 255–255 White 6 Max
35	Color Add RY	0	0–254 Amber 6 Min 255–255 Amber 6 Max
36	UV	0	0–254 UV 6 Min 255–255 UV 6 Max
37	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

43CH (continued)

Ch	Function	Default	DMX values
38	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)

43CH (continued)

Ch	Function	Default	DMX values
39	Color Wheel	0	0–3 NO Function (wheel slot 1) 4–7 Color Macro 1 (wheel slot 2) 8–11 Color Macro 2 (wheel slot 3) 12–15 Color Macro 3 (wheel slot 4) 16–19 Color Macro 4 (wheel slot 5) 20–23 Color Macro 5 (wheel slot 6) 24–27 Color Macro 6 (wheel slot 7) 28–31 Color Macro 7 (wheel slot 8) 32–35 Color Macro 8 (wheel slot 9) 36–39 Color Macro 9 (wheel slot 10) 40–43 Color Macro 10 (wheel slot 11) 44–47 Color Macro 11 (wheel slot 12) 48–51 Color Macro 12 (wheel slot 13) 52–55 Color Macro 13 (wheel slot 14) 56–59 Color Macro 14 (wheel slot 15) 60–63 Color Macro 15 (wheel slot 16) 64–67 Color Macro 16 (wheel slot 17) 68–71 Color Macro 17 (wheel slot 18) 72–75 Color Macro 18 (wheel slot 19) 76–79 Color Macro 19 (wheel slot 20) 80–83 Color Macro 20 (wheel slot 21) 84–87 Color Macro 21 (wheel slot 22) 88–91 Color Macro 22 (wheel slot 23) 92–95 Color Macro 23 (wheel slot 24) 96–99 Color Macro 24 (wheel slot 25) 100–103 Color Macro 25 (wheel slot 26) 104–107 Color Macro 26 (wheel slot 27) 108–111 Color Macro 27 (wheel slot 28) 112–115 Color Macro 28 (wheel slot 29) 116–119 Color Macro 29 (wheel slot 30) 120–123 Color Macro 30 (wheel slot 31) 124–127 Color Macro 31 (wheel slot 32) 128–131 Color Macro 32 (wheel slot 33) 132–135 Color Macro 33 (wheel slot 34) 136–139 Color Macro 34 (wheel slot 35) 140–143 Color Macro 35 (wheel slot 36) 144–147 Color Macro 36 (wheel slot 37) 148–151 Color Macro 37 (wheel slot 38) 152–155 Color Macro 38 (wheel slot 39) 156–159 Color Macro 39 (wheel slot 40) 160–163 Color Macro 40 (wheel slot 41) 164–167 Color Macro 41 (wheel slot 42) 168–171 Color Macro 42 (wheel slot 43) 172–175 Color Macro 43 (wheel slot 44) 176–179 Color Macro 44 (wheel slot 45) 180–183 Color Macro 45 (wheel slot 46) 184–187 Color Macro 46 (wheel slot 47) 188–191 Color Macro 47 (wheel slot 48) 192–195 Color Macro 48 (wheel slot 49) 196–199 Color Macro 49 (wheel slot 50) 200–203 Color Macro 50 (wheel slot 51) 204–207 Color Macro 51 (wheel slot 52) 208–211 Color Macro 52 (wheel slot 53) 212–215 Color Macro 53 (wheel slot 54) 216–219 Color Macro 54 (wheel slot 55) 220–223 Color Macro 55 (wheel slot 56) 224–227 Color Macro 56 (wheel slot 57) 228–231 Color Macro 57 (wheel slot 58) 232–235 Color Macro 58 (wheel slot 59) 236–239 Color Macro 59 (wheel slot 60) 240–243 Color Macro 60 (wheel slot 61) 244–247 Color Macro 61 (wheel slot 62) 248–251 Color Macro 62 (wheel slot 63) 252–255 Color Macro 63 (wheel slot 64)

43CH (continued)

Ch	Function	Default	DMX values
40	Effect	0	0–10 NO Function 11–26 Program 01 - DREAM 27–43 Program 02 - METEOR 44–60 Program 03 - FADE 61–76 Program 04 - CHANGE 77–93 Program 05 - FLOW 1 94–110 Program 06 - FLOW 2 111–126 Program 07 - FLOW 3 127–143 Program 08 - FLOW 4 144–160 Program 09 - FLOW 5 161–176 Program 10 - FLOW 6 177–193 Program 11 - FLOW 7 194–210 Program 12 - FLOW 8 211–226 Program 13 - FLOW 9 227–255 NO Function
41	Effect Speed	0	
42	Effects1Fade	0	
43	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting