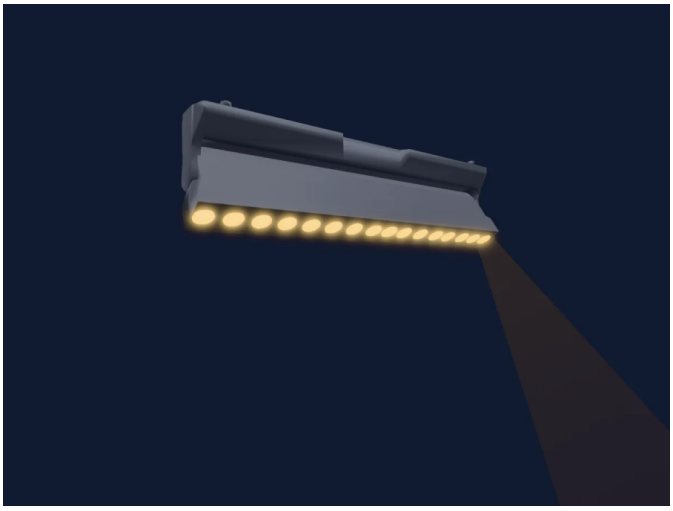
Elation

Chorus Line 16



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**16, 18, 78 channels**
Beam angle	**4-40°**
Tilt range	**220°**
Size (W × H × D)	**1054 × 190 × 102 mm**
GDTF fixture type	**B6ECFC0B-2F25-4F08-AF3E-97…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Basic	16 ch
Standard	18 ch
Extend	78 ch

Basic

16 channels

Ch	Function	Default	DMX values
1	Tilt	127	
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	255	

Basic (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

Basic (continued)

Ch	Function	Default	DMX values
7	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
8	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
9	Dimmer Fine	255	Fine byte of Dimmer
10	Zoom	0	0–126 Min (4deg) 127–254 Center (21deg) 255–255 Max (40deg)
11	Effect	0	0–0 Idle 1–14 Off 15–30 Program 1 31–46 Program 2 47–62 Program 3 63–78 Program 4 79–94 Program 5 95–110 Program 6 111–126 Program 7 127–142 Program 8 143–158 Program 9 159–174 Program 10 175–190 Program 11 191–206 Program 12 207–222 Program 13 223–242 Program 14 243–255 Program 15
12	Effect Speed	0	
13	Effects1Fade	0	

Basic (continued)

Ch	Function	Default	DMX values
14	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 STAGE 2 121–121 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 Default
15	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

Basic (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–5 Idle 6–10 Reset 11–15 Fan Mode Auto 16–20 Fan Mode High 21–24 Fan Mode silent 25–29 Program 1 30–34 Program 2 35–39 Program 3 40–44 Program 4 45–49 Program 5 50–54 Program 6 55–59 Program 7 60–64 Program 8 65–69 Program 9 70–74 Program 10 75–79 Program 11 80–100 Program 12 101–105 900 106–110 1000 111–115 1100 116–120 1200 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Dimmer Curve Linear (default) 211–220 Dimmer Curve Square 221–230 Dimmer Curve Inverse Square 231–240 Dimmer Curve S-Curve 241–255 Idle

Standard

18 channels

Ch	Function	Default	DMX values
1	Tilt	127	
2	Tilt Fine	255	Fine byte of Tilt
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	
7	C TO	0	0–23 Open 24–255 CTO 2700K to 7000K

Standard (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

Standard (continued)

Ch	Function	Default	DMX values
9	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
10	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	255	Fine byte of Dimmer
12	Zoom	0	0–126 Min(4deg) 127–254 Center(21deg) 255–255 Max (40deg)
13	Effect	0	0–14 Idle 15–30 Program 1 31–46 Program 2 47–62 Program 3 63–78 Program 4 79–94 Program 5 95–110 Program 6 111–126 Program 7 127–142 Program 8 143–158 Program 9 159–174 Program 10 175–190 Program 11 191–206 Program 12 207–222 Program 13 223–242 Program 14 243–255 Program 15
14	Effect Speed	0	
15	Effects1Fade	0	

Standard (continued)

Ch	Function	Default	DMX values
16	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 STAGE 2 121–121 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 Default
17	Position MSpeed	0	0–224 Max Speed 225–225 Min Speed 226–235 Blackout by Movement 236–245 Blackout by ALL Wheel Movement 246–255 NoFeature 1

Standard (continued)

Ch	Function	Default	DMX values
18	Control1	11	0–5 Idle 6–10 Reset 11–15 Fan Mode Auto 16–20 Fan Mode High 21–24 Fan Mode silent 25–29 Program 1 30–34 Program 2 35–39 Program 3 40–44 Program 4 45–49 Program 5 50–54 Program 6 55–59 Program 7 60–64 Program 8 65–69 Program 9 70–74 Program 10 75–79 Program 11 80–100 Program 12 101–105 900 106–110 1000 111–115 1100 116–120 1200 121–125 1300 126–130 1400 131–135 1500 136–140 2500 141–145 4000 146–150 5000 151–155 10000 156–160 15000 161–165 20000 166–170 25000 171–200 Idle 201–210 Dimmer Curve Linear (default) 211–220 Dimmer Curve Square 221–230 Dimmer Curve Inverse Square 231–240 Dimmer Curve S-Curve 241–255 Idle

Extend

78 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	

Extend (continued)

Ch	Function	Default	DMX values
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	

Extend (continued)

Ch	Function	Default	DMX values
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	C TC	0	

Extend (continued)

Ch	Function	Default	DMX values
68	Color Wheel	0	0–0 Off (wheel slot 65) 1–4 Color Macro 1 (wheel slot 1) 5–8 Color Macro 2 (wheel slot 2) 9–12 Color Macro 3 (wheel slot 3) 13–16 Color Macro 4 (wheel slot 4) 17–20 Color Macro 5 (wheel slot 5) 21–24 Color Macro 6 (wheel slot 6) 25–28 Color Macro 7 (wheel slot 7) 29–32 Color Macro 8 (wheel slot 8) 33–36 Color Macro 9 (wheel slot 9) 37–40 Color Macro 10 (wheel slot 10) 41–44 Color Macro 11 (wheel slot 11) 45–48 Color Macro 12 (wheel slot 12) 49–52 Color Macro 13 (wheel slot 13) 53–56 Color Macro 14 (wheel slot 14) 57–60 Color Macro 15 (wheel slot 15) 61–64 Color Macro 16 (wheel slot 16) 65–68 Color Macro 17 (wheel slot 17) 69–72 Color Macro 18 (wheel slot 18) 73–76 Color Macro 19 (wheel slot 19) 77–80 Color Macro 20 (wheel slot 20) 81–84 Color Macro 21 (wheel slot 21) 85–88 Color Macro 22 (wheel slot 22) 89–92 Color Macro 23 (wheel slot 23) 93–96 Color Macro 24 (wheel slot 24) 97–100 Color Macro 25 (wheel slot 25) 101–104 Color Macro 26 (wheel slot 26) 105–108 Color Macro 27 (wheel slot 27) 109–112 Color Macro 28 (wheel slot 28) 113–116 Color Macro 29 (wheel slot 29) 117–120 Color Macro 30 (wheel slot 30) 121–124 Color Macro 31 (wheel slot 31) 125–128 Color Macro 32 (wheel slot 32) 129–132 Color Macro 33 (wheel slot 33) 133–136 Color Macro 34 (wheel slot 34) 137–140 Color Macro 35 (wheel slot 35) 141–144 Color Macro 36 (wheel slot 36) 145–148 Color Macro 37 (wheel slot 37) 149–152 Color Macro 38 (wheel slot 38) 153–156 Color Macro 39 (wheel slot 39) 157–160 Color Macro 40 (wheel slot 40) 161–164 Color Macro 41 (wheel slot 41) 165–168 Color Macro 42 (wheel slot 42) 169–172 Color Macro 43 (wheel slot 43) 173–176 Color Macro 44 (wheel slot 44) 177–180 Color Macro 45 (wheel slot 45) 181–184 Color Macro 46 (wheel slot 46) 185–188 Color Macro 47 (wheel slot 47) 189–192 Color Macro 48 (wheel slot 48) 193–196 Color Macro 49 (wheel slot 49) 197–200 Color Macro 50 (wheel slot 50) 201–204 Color Macro 51 (wheel slot 51) 205–208 Color Macro 52 (wheel slot 52) 209–212 Color Macro 53 (wheel slot 53) 213–216 Color Macro 54 (wheel slot 54) 217–220 Color Macro 55 (wheel slot 55) 221–224 Color Macro 56 (wheel slot 56) 225–228 Color Macro 57 (wheel slot 57) 229–232 Color Macro 58 (wheel slot 58) 233–236 Color Macro 59 (wheel slot 59) 237–240 Color Macro 60 (wheel slot 60) 241–244 Color Macro 61 (wheel slot 61) 245–248 Color Macro 62 (wheel slot 62) 249–252 Color Macro 63 (wheel slot 63)

Extend (continued)

Ch	Function	Default	DMX values
69	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
70	Dimmer	255	
71	Dimmer Fine	255	Fine byte of Dimmer
72	Zoom	127	
73	Effect	0	0–0 Idle 1–14 Off 15–30 Program 1 31–46 Program 2 47–62 Program 3 63–78 Program 4 79–94 Program 5 95–110 Program 6 111–126 Program 7 127–142 Program 8 143–158 Program 9 159–174 Program 10 175–190 Program 11 191–206 Program 12 207–222 Program 13 223–242 Program 14 243–255 Program 15
74	Effect Speed	0	
75	Effects1Fade	0	
76	Dimmer Mode	0	
77	Position MSpeed	0	
78	Control1	0	