Elation

Paladin



Manufacturer	**Elation**
Type	**Blinder**
DMX modes	**3**
DMX footprint	**12, 21, 33 channels**
Beam angle	**6-32°**
Heads / cells	**6**
Size (W × H × D)	**450 × 390 × 150 mm**
GDTF fixture type	**3FA141CD-CC8A-4D06-8744-E4…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

Basic 12CH	12 ch
Standard 21CH	21 ch
Extended 33CH	33 ch

Basic 12CH

12 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	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)
6	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
7	Zoom	127	
8	Effect	0	0–0 LEDS ON 1–14 LED 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 13 223–238 Program 14 239–255 Program 15
9	Effect Speed	0	
10	Effects1Fade	0	

Basic 12CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–0 Off 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 12CH (continued)

Ch	Function	Default	DMX values
12	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Standard 21CH

21 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	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
6	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
7	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
8	White	0	0–254 White 2 Min 255–255 White 2 Max
9	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
10	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
11	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
12	White	0	0–254 White 3 Min 255–255 White 3 Max
13	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)
14	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Dimmer Fine	0	Fine byte of Dimmer
16	Zoom	127	

Standard 21CH (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–0 LEDS ON 1–14 LED 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 13 223–238 Program 14 239–255 Program 15
18	Effect Speed	0	
19	Effects1Fade	0	

Standard 21CH (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–0 Off 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 21CH (continued)

Ch	Function	Default	DMX values
21	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Extended 33CH

33 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	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
6	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
7	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
8	White	0	0–254 White 2 Min 255–255 White 2 Max
9	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
10	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
11	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
12	White	0	0–254 White 3 Min 255–255 White 3 Max
13	Red	0	0–254 Red 4 Min 255–255 Red 4 Max
14	Green	0	0–254 Green 4 Min 255–255 Green 4 Max
15	Blue	0	0–254 Blue 4 Min 255–255 Blue 4 Max
16	White	0	0–254 White 4 Min 255–255 White 4 Max
17	Red	0	0–254 Red 5 Min 255–255 Red 5 Max
18	Green	0	0–254 Green 5 Min 255–255 Green 5 Max
19	Blue	0	0–254 Blue 5 Min 255–255 Blue 5 Max
20	White	0	0–254 White 5 Min 255–255 White 5 Max
21	Red	0	0–254 Red 6 Min 255–255 Red 6 Max

Extended 33CH (continued)

Ch	Function	Default	DMX values
22	Green	0	0–254 Green 6 Min 255–255 Green 6 Max
23	Blue	0	0–254 Blue 6 Min 255–255 Blue 6 Max
24	White	0	0–254 White 6 Min 255–255 White 6 Max
25	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)
26	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
27	Dimmer Fine	0	Fine byte of Dimmer
28	Zoom	127	
29	Effect	0	0–0 LEDS ON 1–14 LED 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 13 223–238 Program 14 239–255 Program 15
30	Effect Speed	0	
31	Effects1Fade	0	

Extended 33CH (continued)

Ch	Function	Default	DMX values
32	Color Wheel	0	0–0 Off 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)

Extended 33CH (continued)

Ch	Function	Default	DMX values
33	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting