Elation

Design Spot 575E



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 24 channels**
Beam angle	**15-30°**
Pan range	**540°**
Tilt range	**265°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**C3799639-866D-54FF-A553-C8…**

Controls

Focus · Frost · Iris · Prism · Zoom · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

DMX modes

22ch	22 ch
24ch	24 ch

22ch

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–13 Open / white (wheel slot 1) 14–27 Red (wheel slot 2) 28–41 Blue (wheel slot 3) 42–55 Green (wheel slot 4) 56–69 Yellow (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Orange (wheel slot 7) 98–111 UV Filter (wheel slot 8) 112–127 Pink (wheel slot 9) 128–187 Forwards rainbow effect from fast to slow 188–193 No rotation 194–255 Backwards rainbow effect from slow to fast
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 shake (wheel slot 2) 90–109 Gobo 2 shake (wheel slot 3) 110–129 Gobo 3 shake (wheel slot 4) 130–149 Gobo 4 shake (wheel slot 5) 150–169 Gobo 5 shake (wheel slot 6) 170–189 Gobo 6 shake (wheel slot 7) 190–255 Gobo Wheel Scroll – Continuous rotation slow to f…
8	Gobo Rotation	0	0–127 Gobo indexing 128–187 Forwards gobo rotation from fast to slow 188–193 No rotation 194–255 Backwards gobo rotation from slow to fast
9	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 shake (wheel slot 2) 90–109 Gobo 2 shake (wheel slot 3) 110–129 Gobo 3 shake (wheel slot 4) 130–149 Gobo 4 shake (wheel slot 5) 150–169 Gobo 5 shake (wheel slot 6) 170–189 Gobo 6 shake (wheel slot 7) 190–255 Gobo Wheel Scroll – Continuous rotation slow to f…
10	Gobo Rotation 2	0	0–127 Gobo indexing 128–187 Forwards gobo rotation from fast to slow 188–193 No rotation 194–255 Backwards gobo rotation from slow to fast

22ch (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–3 Open (wheel slot 1) 4–63 Clockwise rotation from fast to slow 64–67 3 facet rotating prism (wheel slot 2) 68–127 Counter-Clockwise rotation from slow to fast 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	Focus	0	
13	Zoom	0	
14	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open (no function) 64–95 Strobe effect slow to fast 1–13 Hz 96–127 Shutter open (no function) 128–159 Pulse-effect in sequences 160–191 Shutter open (no function) 192–223 Random strobe effect slow to fast 1–13 Hz 224–255 Shutter open (no function)
15	Dimmer	0	
16	Iris	0	0–191 Max. diameter to Min. diameter 192–223 Pulse closing fast to slow 224–255 Pulse opening slow to fast
17	Frost1	0	0–191 Frost 0~100% 192–223 Pulse opening fast to slow 224–254 Pulse closing slow to fast 255–255 Max. Frost
18	Animation Wheel1	0	0–7 Open 8–255 Forwards rotation from fast to slow
19	Color Mix MSpeed	0	

22ch (continued)

Ch	Function	Default	DMX values
20	Color Macro1	0	0–7 OFF 8–15 Macro1 16–23 Macro2 24–31 Macro3 32–39 Macro4 40–47 Macro5 48–55 Macro6 56–63 Macro7 64–71 Macro8 72–79 Macro9 80–87 Macro10 88–95 Macro11 96–103 Macro12 104–111 Macro13 112–119 Macro14 120–127 Macro15 128–135 Macro16 136–143 Macro17 144–151 Macro18 152–159 Macro19 160–167 Macro20 168–175 Macro21 176–183 Macro22 184–191 Macro23 192–199 Macro24 200–207 Macro25 208–215 Macro26 216–223 Macro27 224–231 Macro28 232–239 Macro29 240–247 Macro30 248–255 Random CMY
21	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
22	Control1	0	0–19 Color change normal 20–39 Color change to any position 40–59 Lamp on 60–79 Lamp switch off 80–84 All motor reset 85–87 Scan motor reset 88–90 Colors motor reset 91–93 Gobo motor reset 94–96 Shutter & Dimmer motor reset 97–99 Other motor reset 100–119 Internal program 1 (secne1~8 of EPROM) 120–139 Internal program 2 (secne9~16 of EPROM) 140–159 Internal program 3 (secne17~24 of EPROM) 160–179 Internal program 4 (secne25~32 of EPROM) 180–199 Internal program 5 (secne33~40 of EPROM) 200–219 Internal program 6 (secne41~48 of EPROM) 220–239 Internal program 7 (secne49~56 of EPROM) 240–255 Music Control (scene of Program 1)

24ch

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan

24ch (continued)

Ch	Function	Default	DMX values
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Color Wheel	0	0–13 Open / white (wheel slot 1) 14–27 Red (wheel slot 2) 28–41 Blue (wheel slot 3) 42–55 Green (wheel slot 4) 56–69 Yellow (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Orange (wheel slot 7) 98–111 UV Filter (wheel slot 8) 112–127 Pink (wheel slot 9) 128–187 Forwards rainbow effect from fast to slow 188–193 No rotation 194–255 Backwards rainbow effect from slow to fast
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 shake (wheel slot 2) 90–109 Gobo 2 shake (wheel slot 3) 110–129 Gobo 3 shake (wheel slot 4) 130–149 Gobo 4 shake (wheel slot 5) 150–169 Gobo 5 shake (wheel slot 6) 170–189 Gobo 6 shake (wheel slot 7) 190–255 Gobo Wheel Scroll – Continuous rotation slow to f…
10	Gobo Rotation	0	0–127 Gobo indexing 128–187 Forwards gobo rotation from fast to slow 188–193 No rotation 194–255 Backwards gobo rotation from slow to fast
11	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 shake (wheel slot 2) 90–109 Gobo 2 shake (wheel slot 3) 110–129 Gobo 3 shake (wheel slot 4) 130–149 Gobo 4 shake (wheel slot 5) 150–169 Gobo 5 shake (wheel slot 6) 170–189 Gobo 6 shake (wheel slot 7) 190–255 Gobo Wheel Scroll – Continuous rotation slow to f…
12	Gobo Rotation 2	0	0–127 Gobo indexing 128–187 Forwards gobo rotation from fast to slow 188–193 No rotation 194–255 Backwards gobo rotation from slow to fast

24ch (continued)

Ch	Function	Default	DMX values
13	Prism	0	0–3 Open (wheel slot 1) 4–63 Clockwise rotation from fast to slow 64–67 3 facet rotating prism (wheel slot 2) 68–127 Counter-Clockwise rotation from slow to fast 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	Focus	0	
15	Zoom	0	
16	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open (no function) 64–95 Strobe effect slow to fast 1–13 Hz 96–127 Shutter open (no function) 128–159 Pulse-effect in sequences 160–191 Shutter open (no function) 192–223 Random strobe effect slow to fast 1–13 Hz 224–255 Shutter open (no function)
17	Dimmer	0	
18	Iris	0	0–191 Max. diameter to Min. diameter 192–223 Pulse closing fast to slow 224–255 Pulse opening slow to fast
19	Frost1	0	0–191 Frost 0~100% 192–223 Pulse opening fast to slow 224–254 Pulse closing slow to fast 255–255 Max. Frost
20	Animation Wheel1	0	0–7 Open 8–255 Forwards rotation from fast to slow
21	Color Mix MSpeed	0	

24ch (continued)

Ch	Function	Default	DMX values
22	Color Macro1	0	0–7 OFF 8–15 Macro1 16–23 Macro2 24–31 Macro3 32–39 Macro4 40–47 Macro5 48–55 Macro6 56–63 Macro7 64–71 Macro8 72–79 Macro9 80–87 Macro10 88–95 Macro11 96–103 Macro12 104–111 Macro13 112–119 Macro14 120–127 Macro15 128–135 Macro16 136–143 Macro17 144–151 Macro18 152–159 Macro19 160–167 Macro20 168–175 Macro21 176–183 Macro22 184–191 Macro23 192–199 Macro24 200–207 Macro25 208–215 Macro26 216–223 Macro27 224–231 Macro28 232–239 Macro29 240–247 Macro30 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
24	Control1	0	0–19 Color change normal 20–39 Color change to any position 40–59 Lamp on 60–79 Lamp switch off 80–84 All motor reset 85–87 Scan motor reset 88–90 Colors motor reset 91–93 Gobo motor reset 94–96 Shutter & Dimmer motor reset 97–99 Other motor reset 100–119 Internal program 1 (secne1~8 of EPROM) 120–139 Internal program 2 (secne9~16 of EPROM) 140–159 Internal program 3 (secne17~24 of EPROM) 160–179 Internal program 4 (secne25~32 of EPROM) 180–199 Internal program 5 (secne33~40 of EPROM) 200–219 Internal program 6 (secne41~48 of EPROM) 220–239 Internal program 7 (secne49~56 of EPROM) 240–255 Music Control (scene of Program 1)

Fixture model: gdtf-elation-design-spot-575e-2611076402
Original HitLight geometry, scripted locally by the HitLight fixture agent from published dimensions and product photographs. No manufacture…
Creator: HitLight