Elation

Fuze PFX



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**38, 55 channels**
Beam angle	**3-53°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**249 × 460 × 200 mm**
GDTF fixture type	**3C267D18-DF63-45F1-AF98-93…**

Controls

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

DMX modes

Standard	38 ch
Extended	55 ch

Standard

38 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Cyan	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
6	Magenta	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
7	Yellow	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
8	C TO	0	
9	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)
10	Color Wheel	0	0–0 Open (wheel slot 1) 1–11 White/Red Split (wheel slot 1) 12–22 Red (wheel slot 2) 23–33 Red/Yellow Split (wheel slot 2) 34–44 Yellow (wheel slot 3) 45–55 Yellow/Green Split (wheel slot 3) 56–66 Green (wheel slot 4) 67–77 Green/Quad Split (wheel slot 4) 78–88 Quad (wheel slot 5) 89–99 Quad/UV Split (wheel slot 5) 100–110 UV (wheel slot 6) 111–121 UV/High CRI 80 Split (wheel slot 6) 122–132 High CRI 80 (wheel slot 7) 133–143 High CRI 80/High CRI 90 Split (wheel slot 7) 144–154 High CRI 90 (wheel slot 8) 155–165 High CRI 90/Blue Split (wheel slot 8) 166–176 Blue (wheel slot 9) 177–188 Blue/White Split (wheel slot 9) 189–192 Open (wheel slot 1) 193–223 CW Fast to Slow 224–224 Stop 225–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
11	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow To Fast
12	Gobo Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Gobo Scroll Slow to Fast
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Gobo 2	0	0–9 Open (wheel slot 1) 10–17 Gobo 1 (wheel slot 2) 18–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Gobo 7 (wheel slot 8) 66–73 Gobo 8 (wheel slot 9) 74–81 Gobo 9 (wheel slot 10) 82–89 Gobo 10 (wheel slot 11) 90–97 Gobo 11 (wheel slot 12) 98–105 Gobo 1 (wheel slot 2) 106–111 Gobo 2 (wheel slot 3) 112–119 Gobo 3 (wheel slot 4) 120–127 Gobo 4 (wheel slot 5) 128–135 Gobo 5 (wheel slot 6) 136–143 Gobo 6 (wheel slot 7) 144–151 Gobo 7 (wheel slot 8) 152–159 Gobo 8 (wheel slot 9) 160–167 Gobo 9 (wheel slot 10) 168–175 Gobo 10 (wheel slot 11) 176–181 Gobo 11 (wheel slot 12) 182–189 Idle (wheel slot 1) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
15	Prism	0	0–20 Open (wheel slot 1) 21–40 Prism 1 6-Facet Linear (wheel slot 2) 41–60 Prism 2 6-Facet Linear (wheel slot 3) 61–80 Prism 1 + 2 (wheel slot 4) 81–255 Idle (wheel slot 1)
16	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
18	Focus	127	0–254 Near 255–255 Far
19	Focus Fine	255	Fine byte of Focus
20	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
21	Zoom Fine	255	Fine byte of Zoom
22	Shutter / Strobe	50	0–31 Off (Shutter Closed) 32–63 No Function (Shutter Open) 64–94 Shutter1Strobe · Slow 1–9.71 Hz 95–95 Shutter1Strobe · Fast 10 Hz 96–127 No Function (Shutter Open) 128–159 Pulse Effect in Sequences 160–191 No Function (Shutter Open) 192–222 Shutter1StrobeRandom · Slow 1–9.71 Hz 223–223 Shutter1StrobeRandom · Fast 10 Hz 224–255 No Function (Shutter Open)
23	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
24	Dimmer Fine	0	Fine byte of Dimmer
25	Iris	0	0–191 Open to Close 192–223 Fast to Slow 224–255 Slow to fast
26	Frost1	0	0–254 Open 255–255 Light Frost
27	Frost2	0	0–254 Open 255–255 Heavy Frost
28	Blade1A	0	0–254 Open 255–255 Close
29	Blade1B	0	0–254 Open 255–255 Close
30	Blade2A	0	0–254 Open 255–255 Close
31	Blade2B	0	0–254 Open 255–255 Close
32	Blade3A	0	0–254 Open 255–255 Close
33	Blade3B	0	0–254 Open 255–255 Close
34	Blade4A	0	0–254 Open 255–255 Close
35	Blade4B	0	0–254 Open 255–255 Close
36	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum

Standard (continued)

Ch	Function	Default	DMX values
37	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
38	Function	0	

Extended

55 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Cyan	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–254 Scroll Counter-Clockwise Slow to Fast 255–255 100%
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO
13	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)

Extended (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–0 Open (wheel slot 1) 1–11 White/Red Split (wheel slot 1) 12–22 Red (wheel slot 2) 23–33 Red/Yellow Split (wheel slot 2) 34–44 Yellow (wheel slot 3) 45–55 Yellow/Green Split (wheel slot 3) 56–66 Green (wheel slot 4) 67–77 Green/Quad Split (wheel slot 4) 78–88 Quad (wheel slot 5) 89–99 Quad/UV Split (wheel slot 5) 100–110 UV (wheel slot 6) 111–121 UV/High CRI 80 Split (wheel slot 6) 122–132 High CRI 80 (wheel slot 7) 133–143 High CRI 80/High CRI 90 Split (wheel slot 7) 144–154 High CRI 90 (wheel slot 8) 155–165 High CRI 90/Blue Split (wheel slot 8) 166–176 Blue (wheel slot 9) 177–188 Blue/White Split (wheel slot 9) 189–192 Open (wheel slot 1) 193–223 CW Fast to Slow 224–224 Stop 225–255 CCW Slow to Fast
15	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) 70–77 Gobo 7 (wheel slot 8) 78–93 Gobo 1 (wheel slot 2) 94–109 Gobo 2 (wheel slot 3) 110–125 Gobo 3 (wheel slot 4) 126–141 Gobo 4 (wheel slot 5) 142–157 Gobo 5 (wheel slot 6) 158–173 Gobo 6 (wheel slot 7) 174–189 Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow To Fast
16	Gobo Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Gobo Scroll Slow to Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–9 Open (wheel slot 1) 10–17 Gobo 1 (wheel slot 2) 18–25 Gobo 2 (wheel slot 3) 26–33 Gobo 3 (wheel slot 4) 34–41 Gobo 4 (wheel slot 5) 42–49 Gobo 5 (wheel slot 6) 50–57 Gobo 6 (wheel slot 7) 58–65 Gobo 7 (wheel slot 8) 66–73 Gobo 8 (wheel slot 9) 74–81 Gobo 9 (wheel slot 10) 82–89 Gobo 10 (wheel slot 11) 90–97 Gobo 11 (wheel slot 12) 98–105 Gobo 1 (wheel slot 2) 106–111 Gobo 2 (wheel slot 3) 112–119 Gobo 3 (wheel slot 4) 120–127 Gobo 4 (wheel slot 5) 128–135 Gobo 5 (wheel slot 6) 136–143 Gobo 6 (wheel slot 7) 144–151 Gobo 7 (wheel slot 8) 152–159 Gobo 8 (wheel slot 9) 160–167 Gobo 9 (wheel slot 10) 168–175 Gobo 10 (wheel slot 11) 176–181 Gobo 11 (wheel slot 12) 182–189 Idle (wheel slot 1) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
19	Prism	0	0–20 Open (wheel slot 1) 21–40 Prism 1 4-Facet Linear (wheel slot 2) 41–60 Prism 2 4-Facet Round (wheel slot 3) 61–80 Prism 1 + 2 (wheel slot 4) 81–255 Idle (wheel slot 4)
20	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
23	Prism Rotation Fine	0	Fine byte of Prism Rotation
24	Focus	127	0–254 Near 255–255 Far
25	Focus Fine	255	Fine byte of Focus
26	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
27	Zoom Fine	255	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
28	Shutter / Strobe	50	0–31 Off (Shutter Closed) 32–63 No Function (Shutter Open) 64–94 Shutter1Strobe · Slow 1–9.71 Hz 95–95 Shutter1Strobe · Fast 10 Hz 96–127 No Function (Shutter Open) 128–159 Pulse Effect in Sequences 160–191 No Function (Shutter Open) 192–222 Shutter1StrobeRandom · Slow 1–9.71 Hz 223–223 Shutter1StrobeRandom · Fast 10 Hz 224–255 No Function (Shutter Open)
29	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
30	Dimmer Fine	0	Fine byte of Dimmer
31	Dimmer Mode	0	0–20 Standard (wheel slot 1) 21–40 Stage (wheel slot 1) 41–60 TV (wheel slot 1) 61–80 Architectural (wheel slot 1) 81–100 Theatre (wheel slot 1) 101–120 Stage 2 (wheel slot 1) 121–121 Dimmer Delay Time 0s 122–122 Dimmer Delay Time 100ms 123–123 Dimmer Delay Time 200ms 124–124 Dimmer Delay Time 300ms 125–125 Dimmer Delay Time 400ms 126–126 Dimmer Delay Time 500ms 127–127 Dimmer Delay Time 600ms 128–128 Dimmer Delay Time 700ms 129–129 Dimmer Delay Time 800ms 130–130 Dimmer Delay Time 900ms 131–131 Dimmer Delay Time 1s 132–132 Dimmer Delay Time 1500ms 133–133 Dimmer Delay Time 2s 134–134 Dimmer Delay Time 3s 135–135 Dimmer Delay Time 4s 136–136 Dimmer Delay Time 5s 137–137 Dimmer Delay Time 6s 138–138 Dimmer Delay Time 7s 139–139 Dimmer Delay Time 8s 140–140 Dimmer Delay Time 9s 141–141 Dimmer Delay Time 10s 142–255 Idle (wheel slot 1)
32	Iris	0	0–191 Open to Close 192–223 Fast to Slow 224–255 Slow to fast
33	Iris Fine	0	Fine byte of Iris
34	Frost1	0	0–254 Open 255–255 Light Frost
35	Frost2	0	0–254 Open 255–255 Heavy Frost
36	Blade1A	0	0–254 Open 255–255 Close
37	Blade1A Fine	0	Fine byte of Blade1A
38	Blade1B	0	0–254 Open 255–255 Close
39	Blade1B Fine	0	Fine byte of Blade1B

Extended (continued)

Ch	Function	Default	DMX values
40	Blade2A	0	0–254 Open 255–255 Close
41	Blade2A Fine	0	Fine byte of Blade2A
42	Blade2B	0	0–254 Open 255–255 Close
43	Blade2B Fine	0	Fine byte of Blade2B
44	Blade3A	0	0–254 Open 255–255 Close
45	Blade3A Fine	0	Fine byte of Blade3A
46	Blade3B	0	0–254 Open 255–255 Close
47	Blade3B Fine	0	Fine byte of Blade3B
48	Blade4A	0	0–254 Open 255–255 Close
49	Blade4A Fine	0	Fine byte of Blade4A
50	Blade4B	0	0–254 Open 255–255 Close
51	Blade4B Fine	0	Fine byte of Blade4B
52	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
53	Shaper Rot Fine	127	Fine byte of Shaper Rot
54	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout by movement (wheel slot 1) 236–245 Blackout by wheel changes (wheel slot 1) 246–255 No Function
55	Function	0	