Elation

REBEL Profile



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**42, 58 channels**
Beam angle	**3.5-51°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**310 × 490 × 240 mm**
GDTF fixture type	**45847D98-2B51-4A31-922C-C3…**

Controls

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

DMX modes

Standard	42 ch
Extended	58 ch

Standard

42 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	Pan Rotate	0	0–128 no function 129–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
6	Cyan	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
7	Magenta	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
8	Yellow	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
9	C TO	0	
10	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)
11	Color Wheel	0	0–5 Open (wheel slot 1) 6–15 Red (wheel slot 2) 16–31 Yellow (wheel slot 3) 32–47 Green (wheel slot 4) 48–63 Quad (wheel slot 5) 64–79 High CRI 80 (wheel slot 6) 80–95 High CRI 90 (wheel slot 7) 96–111 Blue (wheel slot 8) 112–127 Open (wheel slot 1) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
12	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
13	Gobo Rotation	63	0–126 Indexing Min 127–127 Indexing Max 128–190 CW Fast to Slow 191–192 No Rotation 193–255 CCW Slow to Fast
14	Gobo Rotation Fine	63	Fine byte of Gobo Rotation
15	Gobo 2	0	0–5 Open (wheel slot 1) 6–12 Gobo 1 (wheel slot 2) 13–19 Gobo 2 (wheel slot 3) 20–26 Gobo 3 (wheel slot 4) 27–33 Gobo 4 (wheel slot 5) 34–40 Gobo 5 (wheel slot 6) 41–47 Gobo 6 (wheel slot 7) 48–54 Gobo 7 (wheel slot 8) 55–61 Gobo 8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–149 Gobo 6 (wheel slot 7) 150–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
16	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 1 (4 Circular) (wheel slot 2)
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	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 2 (6 Linear) (wheel slot 3)
19	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
20	Focus	127	0–254 Near 255–255 Far

Standard (continued)

Ch	Function	Default	DMX values
21	Focus Fine	255	Fine byte of Focus
22	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
23	Zoom Fine	255	Fine byte of Zoom
24	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)
25	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
26	Dimmer Fine	0	Fine byte of Dimmer
27	Iris	0	0–190 Max (wheel slot 1) 191–191 Min 192–222 Fast (wheel slot 1) 223–254 Slow 255–255 Fast
28	Frost1	0	0–254 Open (wheel slot 1) 255–255 Full
29	Frost2	0	0–254 Open (wheel slot 1) 255–255 Full
30	Animation Wheel1	0	0–7 Open 8–255 Min to Max
31	Animation Wheel1Pos	0	0–127 Min to Max 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
32	Blade1A	0	0–254 Open 255–255 Close
33	Blade1B	0	0–254 Open 255–255 Close
34	Blade2A	0	0–254 Open 255–255 Close
35	Blade2B	0	0–254 Open 255–255 Close
36	Blade3A	0	0–254 Open 255–255 Close
37	Blade3B	0	0–254 Open 255–255 Close
38	Blade4A	0	0–254 Open 255–255 Close
39	Blade4B	0	0–254 Open 255–255 Close
40	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum

Standard (continued)

Ch	Function	Default	DMX values
41	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout when pan / tilt move (wheel slot 1) 236–245 Blackout when all wheels change (wheel slot 1) 246–255 No Function
42	Function	0	

Extended

58 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	Pan Rotate	0	0–128 no function 129–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
6	Cyan	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	0–188 0% (wheel slot 1) 189–189 100% 190–221 Scroll CW Fast to Slow 222–223 Stop 224–254 Scroll CCW Slow to Fast 255–255 100%
11	Yellow Fine	0	Fine byte of Yellow
12	C TO	0	
13	C TO Fine	0	Fine byte of C TO
14	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)
15	Color Wheel	0	0–5 Open (wheel slot 1) 6–15 Red (wheel slot 2) 16–31 Yellow (wheel slot 3) 32–47 Green (wheel slot 4) 48–63 Quad (wheel slot 5) 64–79 High CRI 80 (wheel slot 6) 80–95 High CRI 90 (wheel slot 7) 96–111 Blue (wheel slot 8) 112–127 Open (wheel slot 1) 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast

Extended (continued)

Ch	Function	Default	DMX values
16	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
17	Gobo Rotation	63	0–126 Indexing Min 127–127 Indexing Max 128–190 CW Fast to Slow 191–192 No Rotation 193–255 CCW Slow to Fast
18	Gobo Rotation Fine	63	Fine byte of Gobo Rotation
19	Gobo 2	0	0–5 Open (wheel slot 1) 6–12 Gobo 1 (wheel slot 2) 13–19 Gobo 2 (wheel slot 3) 20–26 Gobo 3 (wheel slot 4) 27–33 Gobo 4 (wheel slot 5) 34–40 Gobo 5 (wheel slot 6) 41–47 Gobo 6 (wheel slot 7) 48–54 Gobo 7 (wheel slot 8) 55–61 Gobo 8 (wheel slot 9) 62–77 Gobo 1 (wheel slot 2) 78–93 Gobo 2 (wheel slot 3) 94–109 Gobo 3 (wheel slot 4) 110–125 Gobo 4 (wheel slot 5) 126–141 Gobo 5 (wheel slot 6) 142–149 Gobo 6 (wheel slot 7) 150–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
20	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 1 (4 Circular) (wheel slot 2)
21	Prism Rotation	0	0–127 Indexing Min 128–189 Indexing Max 190–193 No Rotation 194–255 CCW Slow to Fast
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Prism	0	0–5 Open (wheel slot 1) 6–255 Prism 2 (6 Linear) (wheel slot 3)
24	Prism Rotation	0	0–127 Indexing Min 128–189 Indexing Max 190–193 No Rotation 194–255 CCW Slow to Fast
25	Prism Rotation Fine	0	Fine byte of Prism Rotation

Extended (continued)

Ch	Function	Default	DMX values
26	Focus	127	0–254 Near 255–255 Far
27	Focus Fine	255	Fine byte of Focus
28	Zoom	127	0–254 Near (wheel slot 1) 255–255 Far
29	Zoom Fine	255	Fine byte of Zoom
30	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)
31	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
32	Dimmer Fine	0	Fine byte of Dimmer
33	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)
34	Iris	0	0–190 Max (wheel slot 1) 191–191 Min 192–222 Fast (wheel slot 1) 223–254 Slow 255–255 Fast
35	Frost1	0	0–254 Open (wheel slot 1) 255–255 Full
36	Frost2	0	0–254 Open (wheel slot 1) 255–255 Full

Extended (continued)

Ch	Function	Default	DMX values
37	Animation Wheel1	0	0–7 Open 8–255 Min to Max
38	Animation Wheel1Pos	0	0–127 Min to Max 128–189 CW Fast to Slow 190–193 Stop 194–255 CCW Slow to Fast
39	Blade1A	0	0–254 Open 255–255 Close
40	Blade1A Fine	0	Fine byte of Blade1A
41	Blade1B	0	0–254 Open 255–255 Close
42	Blade1B Fine	0	Fine byte of Blade1B
43	Blade2A	0	0–254 Open 255–255 Close
44	Blade2A Fine	0	Fine byte of Blade2A
45	Blade2B	0	0–254 Open 255–255 Close
46	Blade2B Fine	0	Fine byte of Blade2B
47	Blade3A	0	0–254 Open 255–255 Close
48	Blade3A Fine	0	Fine byte of Blade3A
49	Blade3B	0	0–254 Open 255–255 Close
50	Blade3B Fine	0	Fine byte of Blade3B
51	Blade4A	0	0–254 Open 255–255 Close
52	Blade4A Fine	0	Fine byte of Blade4A
53	Blade4B	0	0–254 Open 255–255 Close
54	Blade4B Fine	0	Fine byte of Blade4B
55	Shaper Rot	127	0–127 Minimum 128–254 Parallel 255–255 Maximum
56	Shaper Rot Fine	255	Fine byte of Shaper Rot
57	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout when pan / tilt move (wheel slot 1) 236–245 Blackout when all wheels change (wheel slot 1) 246–255 No Function
58	Function	0	