Elation

Fuze Profile CW



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**26, 40 channels**
Beam angle	**7-42°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**280 × 519 × 229 mm**
GDTF fixture type	**04372B77-71F8-4B71-AD4D-BD…**

Controls

Focus · Frost · Iris · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

Standard Pan540	26 ch
Standard Pan630	26 ch
Extended Pan540	40 ch
Extended Pan630	40 ch

Standard Pan540

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Medium Green (wheel slot 3) 48–63 Light Blue (wheel slot 4) 64–79 Lavender (wheel slot 5) 80–95 Amber (wheel slot 6) 96–111 Light Pink (wheel slot 7) 112–127 Warm Yellow (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
6	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 2700K (wheel slot 2) 32–47 3200K (wheel slot 3) 48–63 4500K (wheel slot 4) 64–79 5500K (wheel slot 5) 80–95 6800K (wheel slot 6) 96–111 8000K (wheel slot 7) 112–127 UV (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
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) 70–77 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
8	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
9	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
10	Focus	127	
11	Zoom	127	

Standard Pan540 (continued)

Ch	Function	Default	DMX values
12	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)
13	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Dimmer Fine	0	Fine byte of Dimmer
15	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
16	Frost1	0	
17	Blade1A	0	
18	Blade1B	0	
19	Blade2A	0	
20	Blade2B	0	
21	Blade3A	0	
22	Blade3B	0	
23	Blade4A	0	
24	Blade4B	0	
25	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
26	Control1	0	

Standard Pan630

26 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Medium Green (wheel slot 3) 48–63 Light Blue (wheel slot 4) 64–79 Lavender (wheel slot 5) 80–95 Amber (wheel slot 6) 96–111 Light Pink (wheel slot 7) 112–127 Warm Yellow (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 2700K (wheel slot 2) 32–47 3200K (wheel slot 3) 48–63 4500K (wheel slot 4) 64–79 5500K (wheel slot 5) 80–95 6800K (wheel slot 6) 96–111 8000K (wheel slot 7) 112–127 UV (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
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) 70–77 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
8	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
9	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
10	Focus	127	
11	Zoom	127	
12	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)
13	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
14	Dimmer Fine	0	Fine byte of Dimmer
15	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
16	Frost1	0	
17	Blade1A	0	
18	Blade1B	0	
19	Blade2A	0	

Standard Pan630 (continued)

Ch	Function	Default	DMX values
20	Blade2B	0	
21	Blade3A	0	
22	Blade3B	0	
23	Blade4A	0	
24	Blade4B	0	
25	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
26	Control1	0	

Extended Pan540

40 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Medium Green (wheel slot 3) 48–63 Light Blue (wheel slot 4) 64–79 Lavender (wheel slot 5) 80–95 Amber (wheel slot 6) 96–111 Light Pink (wheel slot 7) 112–127 Warm Yellow (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
6	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 2700K (wheel slot 2) 32–47 3200K (wheel slot 3) 48–63 4500K (wheel slot 4) 64–79 5500K (wheel slot 5) 80–95 6800K (wheel slot 6) 96–111 8000K (wheel slot 7) 112–127 UV (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
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) 70–77 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

Extended Pan540 (continued)

Ch	Function	Default	DMX values
8	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
9	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
10	Focus	127	
11	Focus Fine	255	Fine byte of Focus
12	Zoom	127	
13	Zoom Fine	255	Fine byte of Zoom
14	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)
15	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
16	Dimmer Fine	0	Fine byte of Dimmer
17	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 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 Idle
18	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
19	Iris Fine	0	Fine byte of Iris
20	Frost1	0	
21	Blade1A	0	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
22	Blade1A Fine	0	Fine byte of Blade1A
23	Blade1B	0	
24	Blade1B Fine	0	Fine byte of Blade1B
25	Blade2A	0	
26	Blade2A Fine	0	Fine byte of Blade2A
27	Blade2B	0	
28	Blade2B Fine	0	Fine byte of Blade2B
29	Blade3A	0	
30	Blade3A Fine	0	Fine byte of Blade3A
31	Blade3B	0	
32	Blade3B Fine	0	Fine byte of Blade3B
33	Blade4A	0	
34	Blade4A Fine	0	Fine byte of Blade4A
35	Blade4B	0	
36	Blade4B Fine	0	Fine byte of Blade4B
37	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
38	Shaper Rot Fine	127	Fine byte of Shaper Rot
39	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
40	Control1	0	

Extended Pan630

40 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Medium Green (wheel slot 3) 48–63 Light Blue (wheel slot 4) 64–79 Lavender (wheel slot 5) 80–95 Amber (wheel slot 6) 96–111 Light Pink (wheel slot 7) 112–127 Warm Yellow (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast

Extended Pan630 (continued)

Ch	Function	Default	DMX values
6	Color Wheel 2	0	0–15 Open (wheel slot 1) 16–31 2700K (wheel slot 2) 32–47 3200K (wheel slot 3) 48–63 4500K (wheel slot 4) 64–79 5500K (wheel slot 5) 80–95 6800K (wheel slot 6) 96–111 8000K (wheel slot 7) 112–127 UV (wheel slot 8) 128–189 CW Fast to Slow 190–193 No Rot 194–255 CCW Slow to Fast
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) 70–77 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
8	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
9	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
10	Focus	127	
11	Focus Fine	255	Fine byte of Focus
12	Zoom	127	
13	Zoom Fine	255	Fine byte of Zoom
14	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)
15	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
16	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan630 (continued)

Ch	Function	Default	DMX values
17	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–121 0s 122–122 0*1s 123–123 0*2 124–124 0*3s 125–125 0*4s 126–126 0*5s 127–127 0*6s 128–128 0*7 129–129 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 Idle
18	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
19	Iris Fine	0	Fine byte of Iris
20	Frost1	0	
21	Blade1A	0	
22	Blade1A Fine	0	Fine byte of Blade1A
23	Blade1B	0	
24	Blade1B Fine	0	Fine byte of Blade1B
25	Blade2A	0	
26	Blade2A Fine	0	Fine byte of Blade2A
27	Blade2B	0	
28	Blade2B Fine	0	Fine byte of Blade2B
29	Blade3A	0	
30	Blade3A Fine	0	Fine byte of Blade3A
31	Blade3B	0	
32	Blade3B Fine	0	Fine byte of Blade3B
33	Blade4A	0	
34	Blade4A Fine	0	Fine byte of Blade4A
35	Blade4B	0	
36	Blade4B Fine	0	Fine byte of Blade4B
37	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
38	Shaper Rot Fine	127	Fine byte of Shaper Rot

Extended Pan630 (continued)

Ch	Function	Default	DMX values
39	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
40	Control1	0	