Elation

Fuze SFX



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**31 channels**
Beam angle	**4.5-38°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**249 × 419 × 238 mm**
GDTF fixture type	**265D7A8B-1403-41C5-95E2-55…**

Controls

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

DMX modes

Standard Pan540	31 ch
Standard Pan630	31 ch

Standard Pan540

31 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	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)

Standard Pan540 (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–5 Open (wheel slot 1) 6–10 White/Red Split (wheel slot 1) 11–15 Red (wheel slot 2) 16–20 Red/Yellow Split (wheel slot 2) 21–25 Yellow (wheel slot 3) 26–30 Yellow/Green Split (wheel slot 3) 31–35 Green (wheel slot 4) 36–40 Green/Orange Split (wheel slot 4) 41–45 Orange (wheel slot 5) 46–50 Orange/Pink Split (wheel slot 5) 51–55 Pink (wheel slot 6) 56–60 Pink/CTO Split (wheel slot 6) 61–65 CTO (wheel slot 7) 66–70 CTO/High CRI Split (wheel slot 7) 71–75 High CRI (wheel slot 8) 76–80 CTO/Blue Split (wheel slot 8) 81–85 Blue (wheel slot 9) 86–90 Blue/White Split (wheel slot 9) 91–100 Open (wheel slot 1) 101–101 Combo 1 (wheel slot 1) 102–102 Combo 2 (wheel slot 1) 103–103 Combo 3 (wheel slot 1) 104–104 Combo 4 (wheel slot 1) 105–105 Combo 5 (wheel slot 1) 106–106 Combo 6 (wheel slot 1) 107–107 Combo 7 (wheel slot 1) 108–108 Combo 8 (wheel slot 1) 109–109 Combo 9 (wheel slot 1) 110–110 Combo 10 (wheel slot 1) 111–127 Reserved (wheel slot 1) 128–189 Scroll Clockwise Fast to Slow 190–193 Stop 194–255 Scroll Counter-Clockwise Slow to Fast
13	Gobo	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 8) 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) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–255 Scroll Counter-Clockwise Slow to Fast
14	Gobo Rotation	63	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Gobo Scroll Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Gobo Scroll Slow to Fast
15	Gobo Rotation Fine	255	Fine byte of Gobo Rotation

Standard Pan540 (continued)

Ch	Function	Default	DMX values
16	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–176 Gobo 9 (wheel slot 10) 177–185 Gobo 10 (wheel slot 11) 186–217 Scroll Clockwise Fast to Slow 218–223 Stop 224–255 Scroll Counter-Clockwise Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
17	Prism	0	0–20 Open (wheel slot 1) 21–40 Prism 1 (circular) (wheel slot 3) 41–60 Prism 2 (linear) (wheel slot 2) 61–80 Prism 1 + 2 (wheel slot 4) 81–100 Reserved (wheel slot 1) 101–101 SFX 1 (wheel slot 1) 102–102 SFX 2 (wheel slot 1) 103–103 SFX 3 (wheel slot 1) 104–104 SFX 4 (wheel slot 1) 105–105 SFX 5 (wheel slot 1) 106–106 SFX 6 (wheel slot 1) 107–107 SFX 7 (wheel slot 1) 108–108 SFX 8 (wheel slot 1) 109–109 SFX 9 (wheel slot 1) 110–110 SFX 10 (wheel slot 1) 111–111 SFX 11 (wheel slot 1) 112–112 SFX 12 (wheel slot 1) 113–113 SFX 13 (wheel slot 1) 114–114 SFX 14 (wheel slot 1) 115–115 SFX 15 (wheel slot 1) 116–116 SFX 16 (wheel slot 1) 117–117 SFX 17 (wheel slot 1) 118–118 SFX 18 (wheel slot 1) 119–119 SFX 19 (wheel slot 1) 120–120 SFX 20 (wheel slot 1) 121–121 SFX 21 (wheel slot 1) 122–122 SFX 22 (wheel slot 1) 123–123 SFX 23 (wheel slot 1) 124–124 SFX 24 (wheel slot 1) 125–125 SFX 25 (wheel slot 1) 126–126 SFX 26 (wheel slot 1) 127–127 SFX 27 (wheel slot 1) 128–128 SFX 28 (wheel slot 1) 129–129 SFX 29 (wheel slot 1) 130–130 SFX 30 (wheel slot 1) 131–131 SFX 31 (wheel slot 1) 132–132 SFX 32 (wheel slot 1) 133–133 SFX 33 (wheel slot 1) 134–134 SFX 34 (wheel slot 1) 135–135 SFX 35 (wheel slot 1) 136–136 SFX 36 (wheel slot 1) 137–137 SFX 37 (wheel slot 1) 138–138 SFX 38 (wheel slot 1) 139–139 SFX 39 (wheel slot 1) 140–140 SFX 40 (wheel slot 1) 141–141 SFX 41 (wheel slot 1) 142–142 SFX 42 (wheel slot 1) 143–143 SFX 43 (wheel slot 1) 144–144 SFX 44 (wheel slot 1) 145–145 SFX 45 (wheel slot 1) 146–146 SFX 46 (wheel slot 1) 147–147 SFX 47 (wheel slot 1) 148–148 SFX 48 (wheel slot 1) 149–149 SFX 49 (wheel slot 1) 150–150 SFX 50 (wheel slot 1) 151–151 SFX 51 (wheel slot 1) 152–152 SFX 52 (wheel slot 1) 153–153 SFX 53 (wheel slot 1) 154–154 SFX 54 (wheel slot 1) 155–155 SFX 55 (wheel slot 1) 156–156 SFX 56 (wheel slot 1) 157–157 SFX 57 (wheel slot 1) 158–158 SFX 58 (wheel slot 1) 159–159 SFX 59 (wheel slot 1)

Standard Pan540 (continued)

Ch	Function	Default	DMX values
18	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Prism Rotation Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Prism Rotation Slow to Fast
19	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Prism Rotation Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Prism Rotation Slow to Fast
20	Focus	127	0–254 Near 255–255 Far
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

Standard Pan540 (continued)

Ch	Function	Default	DMX values
27	Dimmer Curve	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)
28	Iris	0	0–190 Max (wheel slot 1) 191–191 Min 192–222 Fast (wheel slot 1) 223–254 Slow 255–255 Fast
29	Frost1	0	0–254 Open (wheel slot 1) 255–255 Full
30	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
31	Function	0	

Standard Pan630

31 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	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

Standard Pan630 (continued)

Ch	Function	Default	DMX values
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	Color Mix Mode	0	0–127 CMY Mix Mode Full (wheel slot 1) 128–255 CMY Mix Mode SFX (wheel slot 1)
12	Color Wheel	0	0–5 Open (wheel slot 1) 6–10 White/Red Split (wheel slot 1) 11–15 Red (wheel slot 2) 16–20 Red/Yellow Split (wheel slot 2) 21–25 Yellow (wheel slot 3) 26–30 Yellow/Green Split (wheel slot 3) 31–35 Green (wheel slot 4) 36–40 Green/Orange Split (wheel slot 4) 41–45 Orange (wheel slot 5) 46–50 Orange/Pink Split (wheel slot 5) 51–55 Pink (wheel slot 6) 56–60 Pink/CTO Split (wheel slot 6) 61–65 CTO (wheel slot 7) 66–70 CTO/High CRI Split (wheel slot 7) 71–75 High CRI (wheel slot 8) 76–80 CTO/Blue Split (wheel slot 8) 81–85 Blue (wheel slot 9) 86–90 Blue/White Split (wheel slot 9) 91–100 Open (wheel slot 1) 101–101 Combo 1 (wheel slot 1) 102–102 Combo 2 (wheel slot 1) 103–103 Combo 3 (wheel slot 1) 104–104 Combo 4 (wheel slot 1) 105–105 Combo 5 (wheel slot 1) 106–106 Combo 6 (wheel slot 1) 107–107 Combo 7 (wheel slot 1) 108–108 Combo 8 (wheel slot 1) 109–109 Combo 9 (wheel slot 1) 110–110 Combo 10 (wheel slot 1) 111–127 Reserved (wheel slot 1) 128–189 Scroll Clockwise Fast to Slow 190–193 Stop 194–255 Scroll Counter-Clockwise Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
13	Gobo	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 8) 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) 142–157 Gobo 6 (wheel slot 7) 158–173 Gobo 7 (wheel slot 8) 174–189 Gobo 8 (wheel slot 9) 190–221 Scroll Clockwise Fast to Slow 222–223 Stop 224–255 Scroll Counter-Clockwise Slow to Fast
14	Gobo Rotation	63	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Gobo Scroll Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Gobo Scroll Slow to Fast
15	Gobo Rotation Fine	255	Fine byte of Gobo Rotation
16	Gobo 2	0	0–5 Open (wheel slot 1) 6–14 Gobo 1 (wheel slot 2) 15–23 Gobo 2 (wheel slot 3) 24–32 Gobo 3 (wheel slot 4) 33–41 Gobo 4 (wheel slot 5) 42–50 Gobo 5 (wheel slot 6) 51–59 Gobo 6 (wheel slot 7) 60–68 Gobo 7 (wheel slot 8) 69–77 Gobo 8 (wheel slot 9) 78–86 Gobo 9 (wheel slot 10) 87–95 Gobo 10 (wheel slot 11) 96–104 Gobo 1 (wheel slot 2) 105–113 Gobo 2 (wheel slot 3) 114–122 Gobo 3 (wheel slot 4) 123–131 Gobo 4 (wheel slot 5) 132–140 Gobo 5 (wheel slot 6) 141–149 Gobo 6 (wheel slot 7) 150–158 Gobo 7 (wheel slot 8) 159–167 Gobo 8 (wheel slot 9) 168–176 Gobo 9 (wheel slot 10) 177–185 Gobo 10 (wheel slot 11) 186–217 Scroll Clockwise Fast to Slow 218–223 Stop 224–255 Scroll Counter-Clockwise Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
17	Prism	0	0–20 Open (wheel slot 1) 21–40 Prism 1 (circular) (wheel slot 3) 41–60 Prism 2 (linear) (wheel slot 2) 61–80 Prism 1 + 2 (wheel slot 4) 81–100 Reserved (wheel slot 1) 101–101 SFX 1 (wheel slot 1) 102–102 SFX 2 (wheel slot 1) 103–103 SFX 3 (wheel slot 1) 104–104 SFX 4 (wheel slot 1) 105–105 SFX 5 (wheel slot 1) 106–106 SFX 6 (wheel slot 1) 107–107 SFX 7 (wheel slot 1) 108–108 SFX 8 (wheel slot 1) 109–109 SFX 9 (wheel slot 1) 110–110 SFX 10 (wheel slot 1) 111–111 SFX 11 (wheel slot 1) 112–112 SFX 12 (wheel slot 1) 113–113 SFX 13 (wheel slot 1) 114–114 SFX 14 (wheel slot 1) 115–115 SFX 15 (wheel slot 1) 116–116 SFX 16 (wheel slot 1) 117–117 SFX 17 (wheel slot 1) 118–118 SFX 18 (wheel slot 1) 119–119 SFX 19 (wheel slot 1) 120–120 SFX 20 (wheel slot 1) 121–121 SFX 21 (wheel slot 1) 122–122 SFX 22 (wheel slot 1) 123–123 SFX 23 (wheel slot 1) 124–124 SFX 24 (wheel slot 1) 125–125 SFX 25 (wheel slot 1) 126–126 SFX 26 (wheel slot 1) 127–127 SFX 27 (wheel slot 1) 128–128 SFX 28 (wheel slot 1) 129–129 SFX 29 (wheel slot 1) 130–130 SFX 30 (wheel slot 1) 131–131 SFX 31 (wheel slot 1) 132–132 SFX 32 (wheel slot 1) 133–133 SFX 33 (wheel slot 1) 134–134 SFX 34 (wheel slot 1) 135–135 SFX 35 (wheel slot 1) 136–136 SFX 36 (wheel slot 1) 137–137 SFX 37 (wheel slot 1) 138–138 SFX 38 (wheel slot 1) 139–139 SFX 39 (wheel slot 1) 140–140 SFX 40 (wheel slot 1) 141–141 SFX 41 (wheel slot 1) 142–142 SFX 42 (wheel slot 1) 143–143 SFX 43 (wheel slot 1) 144–144 SFX 44 (wheel slot 1) 145–145 SFX 45 (wheel slot 1) 146–146 SFX 46 (wheel slot 1) 147–147 SFX 47 (wheel slot 1) 148–148 SFX 48 (wheel slot 1) 149–149 SFX 49 (wheel slot 1) 150–150 SFX 50 (wheel slot 1) 151–151 SFX 51 (wheel slot 1) 152–152 SFX 52 (wheel slot 1) 153–153 SFX 53 (wheel slot 1) 154–154 SFX 54 (wheel slot 1) 155–155 SFX 55 (wheel slot 1) 156–156 SFX 56 (wheel slot 1) 157–157 SFX 57 (wheel slot 1) 158–158 SFX 58 (wheel slot 1) 159–159 SFX 59 (wheel slot 1)

Standard Pan630 (continued)

Ch	Function	Default	DMX values
18	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Prism Rotation Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Prism Rotation Slow to Fast
19	Prism Rotation	0	0–126 Indexing Min 127–127 Indexing Max 128–189 Clockwise Prism Rotation Fast to Slow 190–193 No Rotation 194–255 Counter-Clockwise Prism Rotation Slow to Fast
20	Focus	127	0–254 Near 255–255 Far
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

Standard Pan630 (continued)

Ch	Function	Default	DMX values
27	Dimmer Curve	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)
28	Iris	0	0–190 Max (wheel slot 1) 191–191 Min 192–222 Fast (wheel slot 1) 223–254 Slow 255–255 Fast
29	Frost1	0	0–254 Open (wheel slot 1) 255–255 Full
30	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
31	Function	0	