Elation

Artiste Van Gogh



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**22, 36 channels**
Beam angle	**5.5-50°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**318 × 457 × 254 mm**
GDTF fixture type	**D7803886-3DB9-4FE7-B06D-D2…**

Controls

Focus · Frost · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Strobe

DMX modes

Standard Pan540	22 ch
Standard Pan630	22 ch
Extended Pan540	36 ch
Extended Pan630	36 ch

Standard Pan540

22 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TO	0	
9	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 CTB (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Pink (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 128–189 Clockwise COLOR Rotation from FAST to SLOW 190–193 NO Rotation 194–255 Counter-Clockwise COLOR Rotation from SLOW to ...
10	Focus	0	
11	Zoom	0	
12	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer

Standard Pan540 (continued)

Ch	Function	Default	DMX values
15	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 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
16	Frost1	0	
17	Blade3A	0	
18	Blade1A	0	
19	Blade2A	0	
20	Blade4A	0	
21	Beam Shaper Pos	127	0–126 Min (-50 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+50 degrees)
22	Function	0	

Standard Pan630

22 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TO	0	

Standard Pan630 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 CTB (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Pink (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 128–189 Clockwise COLOR Rotation from FAST to SLOW 190–193 NO Rotation 194–255 Counter-Clockwise COLOR Rotation from SLOW to ...
10	Focus	0	
11	Zoom	0	
12	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
13	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
14	Dimmer Fine	0	Fine byte of Dimmer
15	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 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
16	Frost1	0	
17	Blade3A	0	

Standard Pan630 (continued)

Ch	Function	Default	DMX values
18	Blade1A	0	
19	Blade2A	0	
20	Blade4A	0	
21	Beam Shaper Pos	127	0–126 Min (-50 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+50 degrees)
22	Function	0	

Extended Pan540

36 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Cyan	0	
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 CTB (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Pink (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 128–189 Clockwise COLOR Rotation from FAST to SLOW 190–193 NO Rotation 194–255 Counter-Clockwise COLOR Rotation from SLOW to ...
14	Focus	0	
15	Zoom	0	
16	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
17	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan540 (continued)

Ch	Function	Default	DMX values
19	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 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
20	Frost1	0	
21	Color Mix MSpeed	0	
22	Color Macro1	0	0–31 OFF 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 RANDOM CMY
23	Blade3A	0	
24	Blade3A Fine	0	Fine byte of Blade3A

Extended Pan540 (continued)

Ch	Function	Default	DMX values
25	Blade1A	0	
26	Blade1A Fine	0	Fine byte of Blade1A
27	Blade2A	0	
28	Blade2A Fine	0	Fine byte of Blade2A
29	Blade4A	0	
30	Blade4A Fine	0	Fine byte of Blade4A
31	Beam Shaper Pos	127	0–126 Min (-50 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+50 degrees)
32	Beam Shaper Pos Fine	255	Fine byte of Beam Shaper Pos
33	Global MSpeed	0	
34	Beam Shaper Macro	0	0–7 OFF 8–15 Macro 01 16–23 Macro 02 24–31 Macro 03 32–39 Macro 04 40–47 Macro 05 48–55 Macro 06 56–63 Macro 07 64–71 Macro 08 72–79 Macro 09 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
35	Position MSpeed	0	0–225 MAX to MIN Speed 226–235 Blackout by Movement 236–245 Blackout by ALL Wheel Movement 246–255 NO FUNCTION
36	Function	0	

Extended Pan630

36 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt

Extended Pan630 (continued)

Ch	Function	Default	DMX values
5	Cyan	0	
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	
12	C TO Fine	0	Fine byte of C TO
13	Color Wheel	0	0–15 Open (wheel slot 1) 16–31 Red (wheel slot 2) 32–47 Green (wheel slot 3) 48–63 Orange (wheel slot 4) 64–79 CTB (wheel slot 5) 80–95 UV (wheel slot 6) 96–111 Pink (wheel slot 7) 112–127 Dark Blue (wheel slot 8) 128–189 Clockwise COLOR Rotation from FAST to SLOW 190–193 NO Rotation 194–255 Counter-Clockwise COLOR Rotation from SLOW to …
14	Focus	0	
15	Zoom	0	
16	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Open
17	Dimmer	0	0–62 0% (wheel slot 1) 63–126 25% 127–190 50% 191–254 75% 255–255 100%
18	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan630 (continued)

Ch	Function	Default	DMX values
19	Dimmer Mode	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATER 101–120 DEFAULT to FIXTURE DIMMER CURVE SETTING 121–121 0s 122–122 0'1s 123–123 0'2s 124–124 0'3s 125–125 0'4s 126–126 0'5s 127–127 0'6s 128–128 0'7s 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
20	Frost1	0	
21	Color Mix MSpeed	0	
22	Color Macro1	0	0–31 OFF 32–39 Macro 1 40–47 Macro 2 48–55 Macro 3 56–63 Macro 4 64–71 Macro 5 72–79 Macro 6 80–87 Macro 7 88–95 Macro 8 96–103 Macro 9 104–111 Macro 10 112–119 Macro 11 120–127 Macro 12 128–135 Macro 13 136–143 Macro 14 144–151 Macro 15 152–159 Macro 16 160–167 Macro 17 168–175 Macro 18 176–183 Macro 19 184–191 Macro 20 192–199 Macro 21 200–207 Macro 22 208–215 Macro 23 216–223 Macro 24 224–231 Macro 25 232–239 Macro 26 240–247 Macro 27 248–255 RANDOM CMY
23	Blade3A	0	
24	Blade3A Fine	0	Fine byte of Blade3A

Extended Pan630 (continued)

Ch	Function	Default	DMX values
25	Blade1A	0	
26	Blade1A Fine	0	Fine byte of Blade1A
27	Blade2A	0	
28	Blade2A Fine	0	Fine byte of Blade2A
29	Blade4A	0	
30	Blade4A Fine	0	Fine byte of Blade4A
31	Beam Shaper Pos	127	0–126 Min (-50 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+50 degrees)
32	Beam Shaper Pos Fine	255	Fine byte of Beam Shaper Pos
33	Global MSpeed	0	
34	Beam Shaper Macro	0	0–7 OFF 8–15 Macro 01 16–23 Macro 02 24–31 Macro 03 32–39 Macro 04 40–47 Macro 05 48–55 Macro 06 56–63 Macro 07 64–71 Macro 08 72–79 Macro 09 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
35	Position MSpeed	0	0–225 MAX to MIN Speed 226–235 Blackout by Movement 236–245 Blackout by ALL Wheel Movement 246–255 NO FUNCTION
36	Function	0	