Elation

Proteus Brutus FS



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**27, 36 channels**
Beam angle	**3.5-35°**
Pan range	**540°**
Tilt range	**263°**
Size (W × H × D)	**462 × 645 × 293 mm**
GDTF fixture type	**B446FF45-EAE0-4502-B68E-948…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Standard	27 ch
Extended	36 ch

Standard

27 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	C TO	0	0–254 Open 255–255 Max
9	Color Macro1	0	0–62 CRI 0 % 63–126 CRI 25 % 127–190 CRI 50 % 191–254 CRI 75 % 255–255 CRI 100 %
10	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) 60–255 Idle (wheel slot 1)
11	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
13	Focus	127	
14	Focus Fine	255	Fine byte of Focus
15	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
16	Zoom Fine	255	Fine byte of Zoom

Standard (continued)

Ch	Function	Default	DMX values
17	Shutter / Strobe	0	0–31 Open 32–63 Close 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Open
18	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
19	Dimmer Fine	0	Fine byte of Dimmer
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 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
21	Iris	0	
22	Frost1	0	0–126 Open 127–254 Light Frost 255–255 Wash Frost
23	Follow Spot Mode	0	
24	Zoom Mode Beam	0	0–63 Disabled 64–127 Long Throw 128–255 Ultra Long Throw
25	Position Effect Fade	0	
26	Position Effect Rate	0	
27	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel changes 246–255 No Function

Extended

36 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow
11	C TO	0	0–254 Open 255–255 Max
12	C TO Fine	0	Fine byte of C TO
13	Color Macro1	0	0–62 CRI 0 % 63–126 CRI 25 % 127–190 CRI 50 % 191–254 CRI 75 % 255–255 CRI 100 %
14	Color Macro1 Fine	0	Fine byte of Color Macro1
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) 60–255 Idle (wheel slot 1)
16	Gobo Rotation	0	0–127 Index Min 128–128 Index Max 129–158 CW Fast 159–188 CW Med 189–189 CW Slow 190–193 Rot Stop 194–224 CCW Slow 225–254 CCW Med 255–255 CCW Fast
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Zoom	127	0–127 Narrow 128–254 Normal 255–255 Wide
21	Zoom Fine	255	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
22	Focus1Adjust	0	0–4 Auto Focus Off 5–9 5m 10–14 5_2m 15–19 5_4m 20–24 5_6m 25–29 5_8m 30–34 6m 35–39 6_3m 40–44 6_5m 45–49 6_8m 50–54 7m 55–59 7_3m 60–64 7_5m 65–69 7_7m 70–74 8m 75–79 8_3m 80–84 8_5m 85–89 8_7m 90–94 9m 95–99 9_3m 100–104 9_5m 105–109 9_8m 110–114 10m 115–119 10_5m 120–124 11m 125–129 11_5 130–134 12m 135–139 12_5m 140–144 13m 145–149 13_5m 150–154 14m 155–159 14_5m 160–164 15m 165–169 15_5m 170–174 16m 175–179 16_5m 180–184 17m 185–189 17_5m 190–194 18m 195–199 18_5m 200–204 19m 205–209 19_5 210–214 20m 215–255 Idle
23	Focus1Adjust Fine	0	Fine byte of Focus1Adjust
24	Shutter / Strobe	0	0–31 Open 32–63 Close 64–94 Strobe Slow 95–95 Strobe Fast 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Slow 223–223 Random Strobe Fast 224–255 Open
25	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Extended (continued)

Ch	Function	Default	DMX values
26	Dimmer Fine	0	Fine byte of Dimmer
27	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–120 Stage 2 121–121 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
28	Iris	0	
29	Iris Fine	0	Fine byte of Iris
30	Frost1	0	0–126 Open 127–254 Light Frost 255–255 Wash Frost
31	Follow Spot Mode	0	
32	Zoom Mode Beam	0	0–63 Disabled 64–127 Long Throw 128–255 Ultra Long Throw
33	Position Effect Fade	0	
34	Position Effect Rate	0	
35	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel changes 246–255 No Function
36	Control1	0	