Elation

Artiste Picasso



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**36, 62 channels**
Beam angle	**7-55°**
Pan range	**630°**
Tilt range	**246°**
Size (W × H × D)	**322 × 545 × 254 mm**
GDTF fixture type	**1EA4EDAD-E7A8-49A0-AF88-B…**

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

Safety-relevant functions

Strobe

DMX modes

Standard Pan540	36 ch
Standard Pan630	36 ch
Extended Pan540	62 ch
Extended Pan630	62 ch

Standard Pan540

36 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	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	
9	Color Wheel	0	0–19 OPEN / WHITE (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 HIGH CRI (wheel slot 4) 74–91 ORANGE (wheel slot 5) 92–109 MINUS GREEN (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
10	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–77 Rotating Gobo 7 (wheel slot 8) 78–93 Gobo 1 Shake SLOW to FAST (wheel slot 2) 94–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–125 Gobo 3 Shake SLOW to FAST (wheel slot 4) 126–141 Gobo 4 Shake SLOW to FAST (wheel slot 5) 142–157 Gobo 5 Shake SLOW to FAST (wheel slot 6) 158–173 Gobo 6 Shake SLOW to FAST (wheel slot 7) 174–189 Gobo 7 Shake SLOW to FAST (wheel slot 8) 190–221 CW FAST to SLOW 222–223 NO Rotation 224–255 CCW SLOW to FAST
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW FAST TO SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard Pan540 (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–9 OPEN (wheel slot 1) 10–19 Static / Fixed Gobo 1 (wheel slot 2) 20–29 Static / Fixed Gobo 2 (wheel slot 3) 30–39 Static / Fixed Gobo 3 (wheel slot 4) 40–49 Static / Fixed Gobo 4 (wheel slot 5) 50–59 Static / Fixed Gobo 5 (wheel slot 6) 60–69 Static / Fixed Gobo 6 (wheel slot 7) 70–77 Static / Fixed Gobo 7 (wheel slot 8) 78–93 Shake SLOW to FAST Static / Fixed Gobo 1 (wheel slot… 94–109 Shake SLOW to FAST Static / Fixed Gobo 2 (wheel sl… 110–125 Shake SLOW to FAST Static / Fixed Gobo 3 (wheel s… 126–141 Shake SLOW to FAST Static / Fixed Gobo 4 (wheel s… 142–157 Shake SLOW to FAST Static / Fixed Gobo 5 (wheel s… 158–173 Shake SLOW to FAST Static / Fixed Gobo 6 (wheel s… 174–189 Shake SLOW to FAST Static / Fixed Gobo 7 (wheel s… 190–221 CW FAST to SLOW 222–223 NO 224–255 CCW SLOW to FAST
14	Prism	0	0–63 OPEN (wheel slot 1) 64–95 PRISM 1 (wheel slot 2) 96–127 PRISM 2 (wheel slot 3) 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16
15	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
16	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
17	Focus	127	
18	Focus Fine	255	Fine byte of Focus
19	Zoom	127	
20	Shutter / Strobe	63	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)

Standard Pan540 (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	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
24	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
25	Frost1	0	0–126 OPEN TO FROST 1 127–127 100% FROST 1 128–254 OPEN to FROST 2 255–255 100% FROST 2
26	Animation Wheel1	0	0–7 OPEN 8–127 CW FAST to SLOW 128–135 NO Rotation 136–255 CCW SLOW to FAST
27	Blade1A	0	
28	Blade1B	0	
29	Blade2A	0	
30	Blade2B	0	
31	Blade3A	0	
32	Blade3B	0	
33	Blade4A	0	
34	Blade4B	0	
35	Shaper Rot	127	
36	Function	0	

Standard Pan630

36 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	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	
9	Color Wheel	0	0–19 OPEN / WHITE (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 HIGH CRI (wheel slot 4) 74–91 ORANGE (wheel slot 5) 92–109 MINUS GREEN (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
10	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–77 Rotating Gobo 7 (wheel slot 8) 78–93 Gobo 1 Shake SLOW to FAST (wheel slot 2) 94–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–125 Gobo 3 Shake SLOW to FAST (wheel slot 4) 126–141 Gobo 4 Shake SLOW to FAST (wheel slot 5) 142–157 Gobo 5 Shake SLOW to FAST (wheel slot 6) 158–173 Gobo 6 Shake SLOW to FAST (wheel slot 7) 174–189 Gobo 7 Shake SLOW to FAST (wheel slot 8) 190–221 CW FAST to SLOW 222–223 NO Rotation 224–255 CCW SLOW to FAST
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW FAST TO SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard Pan630 (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–9 OPEN (wheel slot 1) 10–19 Static / Fixed Gobo 1 (wheel slot 2) 20–29 Static / Fixed Gobo 2 (wheel slot 3) 30–39 Static / Fixed Gobo 3 (wheel slot 4) 40–49 Static / Fixed Gobo 4 (wheel slot 5) 50–59 Static / Fixed Gobo 5 (wheel slot 6) 60–69 Static / Fixed Gobo 6 (wheel slot 7) 70–77 Static / Fixed Gobo 7 (wheel slot 8) 78–93 Shake SLOW to FAST Static / Fixed Gobo 1 (wheel slot… 94–109 Shake SLOW to FAST Static / Fixed Gobo 2 (wheel sl… 110–125 Shake SLOW to FAST Static / Fixed Gobo 3 (wheel s… 126–141 Shake SLOW to FAST Static / Fixed Gobo 4 (wheel s… 142–157 Shake SLOW to FAST Static / Fixed Gobo 5 (wheel s… 158–173 Shake SLOW to FAST Static / Fixed Gobo 6 (wheel s… 174–189 Shake SLOW to FAST Static / Fixed Gobo 7 (wheel s… 190–221 CW FAST to SLOW 222–223 NO Rotation 224–255 CCW SLOW to FAST
14	Prism	0	0–63 OPEN (wheel slot 1) 64–95 PRISM 1 (wheel slot 2) 96–127 PRISM 2 (wheel slot 3) 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16
15	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
16	Prism Rotation	0	0–127 Prism Indexing 128–189 CCW FAST to SLOW 190–193 NO Rotation 194–255 CW SLOW to FAST
17	Focus	128	
18	Focus Fine	0	Fine byte of Focus
19	Zoom	128	
20	Shutter / Strobe	63	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)

Standard Pan630 (continued)

Ch	Function	Default	DMX values
21	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
22	Dimmer Fine	0	Fine byte of Dimmer
23	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
24	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
25	Frost1	0	0–126 OPEN TO FROST 1 127–127 100% FROST 1 128–254 OPEN to FROST 2 255–255 100% FROST 2
26	Animation Wheel1	0	0–7 OPEN 8–127 CW FAST to SLOW 128–135 NO Rotation 136–255 CCW SLOW to FAST
27	Blade1A	0	
28	Blade1B	0	
29	Blade2A	0	
30	Blade2B	0	
31	Blade3A	0	
32	Blade3B	0	
33	Blade4A	0	
34	Blade4B	0	
35	Shaper Rot	127	
36	Function	0	

Extended Pan540

62 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	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	
12	C TO Fine	0	Fine byte of C TO
13	Color Wheel	0	0–19 OPEN / WHITE (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 HIGH CRI (wheel slot 4) 74–91 ORANGE (wheel slot 5) 92–109 MINUS GREEN (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–77 Rotating Gobo 7 (wheel slot 8) 78–93 Gobo 1 Shake SLOW to FAST (wheel slot 2) 94–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–125 Gobo 3 Shake SLOW to FAST (wheel slot 4) 126–141 Gobo 4 Shake SLOW to FAST (wheel slot 5) 142–157 Gobo 5 Shake SLOW to FAST (wheel slot 6) 158–173 Gobo 6 Shake SLOW to FAST (wheel slot 7) 174–189 Gobo 7 Shake SLOW to FAST (wheel slot 8) 190–221 CW FAST to SLOW 222–223 NO Rotation 224–255 CCW SLOW to FAST
16	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW FAST TO SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST

Extended Pan540 (continued)

Ch	Function	Default	DMX values
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
18	Gobo 2	0	0–9 OPEN (wheel slot 1) 10–19 Static / Fixed Gobo 1 (wheel slot 2) 20–29 Static / Fixed Gobo 2 (wheel slot 3) 30–39 Static / Fixed Gobo 3 (wheel slot 4) 40–49 Static / Fixed Gobo 4 (wheel slot 5) 50–59 Static / Fixed Gobo 5 (wheel slot 6) 60–69 Static / Fixed Gobo 6 (wheel slot 7) 70–77 Static / Fixed Gobo 7 (wheel slot 8) 78–93 Shake SLOW to FAST Static / Fixed Gobo 1 (wheel slot... 94–109 Shake SLOW to FAST Static / Fixed Gobo 2 (wheel sl... 110–125 Shake SLOW to FAST Static / Fixed Gobo 3 (wheel s... 126–141 Shake SLOW to FAST Static / Fixed Gobo 4 (wheel s... 142–157 Shake SLOW to FAST Static / Fixed Gobo 5 (wheel s... 158–173 Shake SLOW to FAST Static / Fixed Gobo 6 (wheel s... 174–189 Shake SLOW to FAST Static / Fixed Gobo 7 (wheel s... 190–221 CW FAST to SLOW 222–223 NO 224–255 CCW SLOW to FAST
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	Prism	0	0–63 OPEN (wheel slot 1) 64–95 PRISM 1 (wheel slot 2) 96–127 PRISM 2 (wheel slot 3) 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16
21	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Focus	128	
26	Focus Fine	0	Fine byte of Focus
27	Zoom	128	
28	Zoom Fine	0	Fine byte of Zoom
29	Focus Mode	0	0–50 AUTO FOCUS OFF 51–100 16'4 ft (5m) 101–150 24'6 ft (7'5m) 151–200 32'8 ft (10m) 201–255 49'2 ft (15m)

Extended Pan540 (continued)

Ch	Function	Default	DMX values
30	Focus Mode Fine	0	Fine byte of Focus Mode
31	Shutter / Strobe	63	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)
32	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
33	Dimmer Fine	0	Fine byte of Dimmer
34	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
35	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
36	Iris Fine	0	Fine byte of Iris
37	Frost1	0	0–126 OPEN TO FROST 1 127–127 100% FROST 1 128–254 OPEN to FROST 2 255–255 100% FROST 2
38	Animation Wheel1	0	0–7 OPEN 8–127 CW FAST to SLOW 128–135 NO Rotation 136–255 CCW SLOW to FAST
39	Color Mix MSpeed	0	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
40	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
41	Blade1A	0	
42	Blade1A Fine	0	Fine byte of Blade1A
43	Blade1B	0	
44	Blade1B Fine	0	Fine byte of Blade1B
45	Blade2A	0	
46	Blade2A Fine	0	Fine byte of Blade2A
47	Blade2B	0	
48	Blade2B Fine	0	Fine byte of Blade2B
49	Blade3A	0	
50	Blade3A Fine	0	Fine byte of Blade3A
51	Blade3B	0	
52	Blade3B Fine	0	Fine byte of Blade3B
53	Blade4A	0	
54	Blade4A Fine	0	Fine byte of Blade4A
55	Blade4B	0	
56	Blade4B Fine	0	Fine byte of Blade4B
57	Shaper Rot	127	
58	Shaper Rot Fine	255	Fine byte of Shaper Rot
59	Global MSpeed	0	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
60	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
61	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
62	Function	0	

Extended Pan630

62 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	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

Extended Pan630 (continued)

Ch	Function	Default	DMX values
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	
12	C TO Fine	0	Fine byte of C TO
13	Color Wheel	0	0–19 OPEN / WHITE (wheel slot 1) 20–37 RED (wheel slot 2) 38–55 GREEN (wheel slot 3) 56–73 HIGH CRI (wheel slot 4) 74–91 ORANGE (wheel slot 5) 92–109 MINUS GREEN (wheel slot 6) 110–127 BLUE (wheel slot 7) 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
14	Color Wheel Fine	0	Fine byte of Color Wheel
15	Gobo	0	0–9 OPEN (wheel slot 1) 10–19 Rotating Gobo 1 (wheel slot 2) 20–29 Rotating Gobo 2 (wheel slot 3) 30–39 Rotating Gobo 3 (wheel slot 4) 40–49 Rotating Gobo 4 (wheel slot 5) 50–59 Rotating Gobo 5 (wheel slot 6) 60–69 Rotating Gobo 6 (wheel slot 7) 70–77 Rotating Gobo 7 (wheel slot 8) 78–93 Gobo 1 Shake SLOW to FAST (wheel slot 2) 94–109 Gobo 2 Shake SLOW to FAST (wheel slot 3) 110–125 Gobo 3 Shake SLOW to FAST (wheel slot 4) 126–141 Gobo 4 Shake SLOW to FAST (wheel slot 5) 142–157 Gobo 5 Shake SLOW to FAST (wheel slot 6) 158–173 Gobo 6 Shake SLOW to FAST (wheel slot 7) 174–189 Gobo 7 Shake SLOW to FAST (wheel slot 8) 190–221 CW FAST to SLOW 222–223 NO Rotation 224–255 CCW SLOW to FAST
16	Gobo Rotation	0	0–127 Gobo Indexing 128–189 CW FAST TO SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
17	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Pan630 (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–9 OPEN (wheel slot 1) 10–19 Static / Fixed Gobo 1 (wheel slot 2) 20–29 Static / Fixed Gobo 2 (wheel slot 3) 30–39 Static / Fixed Gobo 3 (wheel slot 4) 40–49 Static / Fixed Gobo 4 (wheel slot 5) 50–59 Static / Fixed Gobo 5 (wheel slot 6) 60–69 Static / Fixed Gobo 6 (wheel slot 7) 70–77 Static / Fixed Gobo 7 (wheel slot 8) 78–93 Shake SLOW to FAST Static / Fixed Gobo 1 (wheel slot… 94–109 Shake SLOW to FAST Static / Fixed Gobo 2 (wheel sl… 110–125 Shake SLOW to FAST Static / Fixed Gobo 3 (wheel s… 126–141 Shake SLOW to FAST Static / Fixed Gobo 4 (wheel s… 142–157 Shake SLOW to FAST Static / Fixed Gobo 5 (wheel s… 158–173 Shake SLOW to FAST Static / Fixed Gobo 6 (wheel s… 174–189 Shake SLOW to FAST Static / Fixed Gobo 7 (wheel s… 190–221 CW FAST to SLOW 222–223 NO 224–255 CCW SLOW to FAST
19	Gobo 2 Fine	0	Fine byte of Gobo 2
20	Prism	0	0–63 OPEN (wheel slot 1) 64–95 PRISM 1 (wheel slot 2) 96–127 PRISM 2 (wheel slot 3) 128–135 Prism / Gobo Macro 1 136–143 Prism / Gobo Macro 2 144–151 Prism / Gobo Macro 3 152–159 Prism / Gobo Macro 4 160–167 Prism / Gobo Macro 5 168–175 Prism / Gobo Macro 6 176–183 Prism / Gobo Macro 7 184–191 Prism / Gobo Macro 8 192–199 Prism / Gobo Macro 9 200–207 Prism / Gobo Macro 10 208–215 Prism / Gobo Macro 11 216–223 Prism / Gobo Macro 12 224–231 Prism / Gobo Macro 13 232–239 Prism / Gobo Macro 14 240–247 Prism / Gobo Macro 15 248–255 Prism / Gobo Macro 16
21	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
22	Prism Rotation Fine	0	Fine byte of Prism Rotation
23	Prism Rotation	0	0–127 Prism Indexing 128–189 CW FAST to SLOW 190–193 NO Rotation 194–255 CCW SLOW to FAST
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Focus	128	
26	Focus Fine	0	Fine byte of Focus
27	Zoom	128	
28	Zoom Fine	0	Fine byte of Zoom
29	Focus Mode	0	0–50 AUTO FOCUS OFF 51–100 16'4 ft (5m) 101–150 24'6 ft (7'5m) 151–200 32'8 ft (10m) 201–255 49'2 ft (15m)
30	Focus Mode Fine	0	Fine byte of Focus Mode

Extended Pan630 (continued)

Ch	Function	Default	DMX values
31	Shutter / Strobe	63	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)
32	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
33	Dimmer Fine	0	Fine byte of Dimmer
34	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
35	Iris	0	0–191 MAX to MIN Diameter 192–223 Pulse Opening FAST to SLOW 224–255 Pulse Closing SLOW to FAST
36	Iris Fine	0	Fine byte of Iris
37	Frost1	0	0–126 OPEN TO FROST 1 127–127 100% FROST 1 128–254 OPEN to FROST 2 255–255 100% FROST 2
38	Animation Wheel1	0	0–7 OPEN 8–127 Clockwise Animation Wheel Rotation from FAST to SL... 128–135 NO Rotation 136–255 Counter-Clockwise Animation Wheel Rotation fro...
39	Color Mix MSpeed	0	

Extended Pan630 (continued)

Ch	Function	Default	DMX values
40	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
41	Blade1A	0	
42	Blade1A Fine	0	Fine byte of Blade1A
43	Blade1B	0	
44	Blade1B Fine	0	Fine byte of Blade1B
45	Blade2A	0	
46	Blade2A Fine	0	Fine byte of Blade2A
47	Blade2B	0	
48	Blade2B Fine	0	Fine byte of Blade2B
49	Blade3A	0	
50	Blade3A Fine	0	Fine byte of Blade3A
51	Blade3B	0	
52	Blade3B Fine	0	Fine byte of Blade3B
53	Blade4A	0	
54	Blade4A Fine	0	Fine byte of Blade4A
55	Blade4B	0	
56	Blade4B Fine	0	Fine byte of Blade4B
57	Shaper Rot	127	
58	Shaper Rot Fine	255	Fine byte of Shaper Rot
59	Global MSpeed	0	

Extended Pan630 (continued)

Ch	Function	Default	DMX values
60	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
61	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
62	Function	0	