Elation

Proteus Atlas



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**30, 41 channels**
Beam angle	**0.6-8°**
Pan range	**630°**
Tilt range	**250°**
Size (W × H × D)	**410 × 610 × 350 mm**
GDTF fixture type	**7F5E36E0-C703-46DD-8B68-44…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Strobe

DMX modes

Standard Pan540	30 ch
Standard Pan630	30 ch
Extended Pan540	41 ch
Extended Pan630	41 ch

Standard Pan540

30 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	Pan Rotate	0	0–2 Disabled 3–126 Rotating Clockwise Fast to Slow 127–129 No rotation (Fixture stops at its current position) 130–253 Rotating Counter-Clockwise Fast to Slow 254–255 No rotation (Fixture stops at its current position)
6	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
9	Color Wheel	0	0–2 Open (wheel slot 1) 3–7 Color 1 (wheel slot 2) 8–12 Color 2 (wheel slot 3) 13–17 Color 3 (wheel slot 4) 18–22 Color 4 (wheel slot 5) 23–27 Color 5 (wheel slot 6) 28–32 Color 6 (wheel slot 7) 33–37 Color 7 (wheel slot 8) 38–42 Color 8 (wheel slot 9) 43–47 Color 9 (wheel slot 10) 48–52 Color 10 (wheel slot 11) 53–57 Color 11 (wheel slot 12) 58–62 Color 12 (wheel slot 13) 63–67 Color 13 (wheel slot 14) 68–72 Color 14 (wheel slot 15) 73–77 Color 15 (wheel slot 16) 78–82 Color 16 (wheel slot 17) 83–87 Color 17 (wheel slot 18) 88–92 Color 18 (wheel slot 19) 93–97 Color 19 (wheel slot 20) 98–102 Color 20 (wheel slot 21) 103–107 Color 21 (wheel slot 22) 108–112 Color 22 (wheel slot 23) 113–117 Color 23 (wheel slot 24) 118–122 Color 24 (wheel slot 25) 123–127 Color 25 (wheel slot 26) 128–189 CW Fast to Slow 190–193 Stop 194–255 Counter CW Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 1 (wheel slot 2) 106–112 Gobo 2 (wheel slot 3) 113–119 Gobo 3 (wheel slot 4) 120–126 Gobo 4 (wheel slot 5) 127–133 Gobo 5 (wheel slot 6) 134–140 Gobo 6 (wheel slot 7) 141–147 Gobo 7 (wheel slot 8) 148–154 Gobo 8 (wheel slot 9) 155–161 Gobo 9 (wheel slot 10) 162–168 Gobo 10 (wheel slot 11) 169–175 Gobo 11 (wheel slot 12) 176–182 Gobo 12 (wheel slot 13) 183–189 Gobo 13 (wheel slot 14) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
11	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Rot Stop 194–255 Counter-clockwise 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	0–45 Open (wheel slot 1) 46–48 Gobo 1 (wheel slot 2) 49–51 Gobo 2 (wheel slot 3) 52–54 Gobo 3 (wheel slot 4) 55–57 Gobo 4 (wheel slot 5) 58–60 Gobo 5 (wheel slot 6) 61–63 Gobo 6 (wheel slot 7) 64–66 Gobo 7 (wheel slot 8) 67–69 Gobo 8 (wheel slot 9) 70–72 Gobo 9 (wheel slot 10) 73–75 Gobo 10 (wheel slot 11) 76–78 Gobo 11 (wheel slot 12) 79–81 Gobo 12 (wheel slot 13) 82–84 Gobo 13 (wheel slot 14) 85–87 Gobo 14 (wheel slot 15) 88–90 Gobo 15 (wheel slot 16) 91–93 Gobo 16 (wheel slot 17) 94–96 Gobo 17 (wheel slot 18) 97–99 Gobo 18 (wheel slot 19) 100–102 Gobo 19 (wheel slot 20) 103–105 Gobo 20 (wheel slot 21) 106–108 Gobo 21 (wheel slot 22) 109–111 Gobo 22 (wheel slot 23) 112–114 Gobo 23 (wheel slot 24) 115–117 Gobo 24 (wheel slot 25) 118–120 Gobo 1 (wheel slot 2) 121–123 Gobo 2 (wheel slot 3) 124–126 Gobo 3 (wheel slot 4) 127–129 Gobo 4 (wheel slot 5) 130–132 Gobo 5 (wheel slot 6) 133–135 Gobo 6 (wheel slot 7) 136–138 Gobo 7 (wheel slot 8) 139–141 Gobo 8 (wheel slot 9) 142–144 Gobo 9 (wheel slot 10) 145–147 Gobo 10 (wheel slot 11) 148–150 Gobo 11 (wheel slot 12) 151–153 Gobo 12 (wheel slot 13) 154–156 Gobo 13 (wheel slot 14) 157–159 Gobo 14 (wheel slot 15) 160–162 Gobo 15 (wheel slot 16) 163–165 Gobo 16 (wheel slot 17) 166–168 Gobo 17 (wheel slot 18) 169–171 Gobo 18 (wheel slot 19) 172–174 Gobo 19 (wheel slot 20) 175–177 Gobo 20 (wheel slot 21) 178–180 Gobo 21 (wheel slot 22) 181–183 Gobo 22 (wheel slot 23) 184–186 Gobo 23 (wheel slot 24) 187–189 Gobo 24 (wheel slot 25) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
14	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 16 Facet Circular (wheel slot 3) 136–195 6 Facet Linear (wheel slot 7) 196–255 Open (wheel slot 1)
15	Prism Rotation	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Standard Pan540 (continued)

Ch	Function	Default	DMX values
16	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 5 Facet Circular (wheel slot 4) 136–195 8 + 8 Facet (wheel slot 5) 196–255 Open (wheel slot 1)
17	Prism Rotation	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
18	Frost1	0	
19	Frost2	0	
20	Focus	0	
21	Focus Fine	0	Fine byte of Focus
22	Zoom	127	
23	Zoom Fine	127	Fine byte of Zoom
24	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Strobe Pulse 160–191 Open 192–223 Random Strobe Slow to Fast 224–255 Open
25	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
26	Dimmer Fine	0	Fine byte of Dimmer
27	Function	0	
28	Pixel Mode	0	0–24 No Function 25–49 Restricted Zone Active 50–74 Restricted Zone Inactive 75–99 Maintenance 100–254 Reserved 255–255 Restricted Zone Reset
29	L EDZone Mode	0	0–24 No Function 25–49 Set Pan Restricted Zone 1 Start 50–74 Set Pan Restricted Zone 1 End 75–99 Set Tilt Restricted Zone 1 Start 100–124 Set Tilt Restricted Zone 1 End 125–149 Set Pan Restricted Zone 2 Start 150–174 Set Pan Restricted Zone 2 End 175–199 Set Tilt Restricted Zone 2 Start 200–224 Set Tilt Restricted Zone 2 End 225–254 Reserved 255–255 Restricted Zone Reset
30	No Feature	0	

Standard Pan630

30 channels

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

Standard Pan630 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–2 Disabled 3–126 Rotating Clockwise Fast to Slow 127–129 No rotation (Fixture stops at its current position) 130–253 Rotating Counter-Clockwise Fast to Slow 254–255 No rotation (Fixture stops at its current position)
6	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
8	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
9	Color Wheel	0	0–2 Open (wheel slot 1) 3–7 Color 1 (wheel slot 2) 8–12 Color 2 (wheel slot 3) 13–17 Color 3 (wheel slot 4) 18–22 Color 4 (wheel slot 5) 23–27 Color 5 (wheel slot 6) 28–32 Color 6 (wheel slot 7) 33–37 Color 7 (wheel slot 8) 38–42 Color 8 (wheel slot 9) 43–47 Color 9 (wheel slot 10) 48–52 Color 10 (wheel slot 11) 53–57 Color 11 (wheel slot 12) 58–62 Color 12 (wheel slot 13) 63–67 Color 13 (wheel slot 14) 68–72 Color 14 (wheel slot 15) 73–77 Color 15 (wheel slot 16) 78–82 Color 16 (wheel slot 17) 83–87 Color 17 (wheel slot 18) 88–92 Color 18 (wheel slot 19) 93–97 Color 19 (wheel slot 20) 98–102 Color 20 (wheel slot 21) 103–107 Color 21 (wheel slot 22) 108–112 Color 22 (wheel slot 23) 113–117 Color 23 (wheel slot 24) 118–122 Color 24 (wheel slot 25) 123–127 Color 25 (wheel slot 26) 128–189 CW Fast to Slow 190–193 Stop 194–255 Counter CW Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 1 (wheel slot 2) 106–112 Gobo 2 (wheel slot 3) 113–119 Gobo 3 (wheel slot 4) 120–126 Gobo 4 (wheel slot 5) 127–133 Gobo 5 (wheel slot 6) 134–140 Gobo 6 (wheel slot 7) 141–147 Gobo 7 (wheel slot 8) 148–154 Gobo 8 (wheel slot 9) 155–161 Gobo 9 (wheel slot 10) 162–168 Gobo 10 (wheel slot 11) 169–175 Gobo 11 (wheel slot 12) 176–182 Gobo 12 (wheel slot 13) 183–189 Gobo 13 (wheel slot 14) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
11	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Rot Stop 194–255 Counter-clockwise 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	0–45 Open (wheel slot 1) 46–48 Gobo 1 (wheel slot 2) 49–51 Gobo 2 (wheel slot 3) 52–54 Gobo 3 (wheel slot 4) 55–57 Gobo 4 (wheel slot 5) 58–60 Gobo 5 (wheel slot 6) 61–63 Gobo 6 (wheel slot 7) 64–66 Gobo 7 (wheel slot 8) 67–69 Gobo 8 (wheel slot 9) 70–72 Gobo 9 (wheel slot 10) 73–75 Gobo 10 (wheel slot 11) 76–78 Gobo 11 (wheel slot 12) 79–81 Gobo 12 (wheel slot 13) 82–84 Gobo 13 (wheel slot 14) 85–87 Gobo 14 (wheel slot 15) 88–90 Gobo 15 (wheel slot 16) 91–93 Gobo 16 (wheel slot 17) 94–96 Gobo 17 (wheel slot 18) 97–99 Gobo 18 (wheel slot 19) 100–102 Gobo 19 (wheel slot 20) 103–105 Gobo 20 (wheel slot 21) 106–108 Gobo 21 (wheel slot 22) 109–111 Gobo 22 (wheel slot 23) 112–114 Gobo 23 (wheel slot 24) 115–117 Gobo 24 (wheel slot 25) 118–120 Gobo 1 (wheel slot 2) 121–123 Gobo 2 (wheel slot 3) 124–126 Gobo 3 (wheel slot 4) 127–129 Gobo 4 (wheel slot 5) 130–132 Gobo 5 (wheel slot 6) 133–135 Gobo 6 (wheel slot 7) 136–138 Gobo 7 (wheel slot 8) 139–141 Gobo 8 (wheel slot 9) 142–144 Gobo 9 (wheel slot 10) 145–147 Gobo 10 (wheel slot 11) 148–150 Gobo 11 (wheel slot 12) 151–153 Gobo 12 (wheel slot 13) 154–156 Gobo 13 (wheel slot 14) 157–159 Gobo 14 (wheel slot 15) 160–162 Gobo 15 (wheel slot 16) 163–165 Gobo 16 (wheel slot 17) 166–168 Gobo 17 (wheel slot 18) 169–171 Gobo 18 (wheel slot 19) 172–174 Gobo 19 (wheel slot 20) 175–177 Gobo 20 (wheel slot 21) 178–180 Gobo 21 (wheel slot 22) 181–183 Gobo 22 (wheel slot 23) 184–186 Gobo 23 (wheel slot 24) 187–189 Gobo 24 (wheel slot 25) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
14	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 16 Facet Circular (wheel slot 3) 136–195 6 Facet Linear (wheel slot 7) 196–255 Open (wheel slot 1)
15	Prism Rotation	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Standard Pan630 (continued)

Ch	Function	Default	DMX values
16	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 5 Facet Circular (wheel slot 4) 136–195 8 + 8 Facet (wheel slot 5) 196–255 Open (wheel slot 1)
17	Prism Rotation	0	0–127 Index Position 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
18	Frost1	0	
19	Frost2	0	
20	Focus	0	
21	Focus Fine	0	Fine byte of Focus
22	Zoom	127	
23	Zoom Fine	127	Fine byte of Zoom
24	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Strobe Pulse 160–191 Open 192–223 Random Strobe Slow to Fast 224–255 Open
25	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
26	Dimmer Fine	0	Fine byte of Dimmer
27	Function	0	
28	Pixel Mode	0	0–24 No Function 25–49 Restricted Zone Active 50–74 Restricted Zone Inactive 75–99 Maintenance 100–254 Reserved 255–255 Restricted Zone Reset
29	L EDZone Mode	0	0–24 No Function 25–49 Set Pan Restricted Zone 1 Start 50–74 Set Pan Restricted Zone 1 End 75–99 Set Tilt Restricted Zone 1 Start 100–124 Set Tilt Restricted Zone 1 End 125–149 Set Pan Restricted Zone 2 Start 150–174 Set Pan Restricted Zone 2 End 175–199 Set Tilt Restricted Zone 2 Start 200–224 Set Tilt Restricted Zone 2 End 225–254 Reserved 255–255 Restricted Zone Reset
30	No Feature	0	

Extended Pan540

41 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–2 Disabled 3–126 Rotating Clockwise Fast to Slow 127–129 No rotation (Fixture stops at its current position) 130–253 Rotating Counter-Clockwise Fast to Slow 254–255 No rotation (Fixture stops at its current position)
6	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
11	Yellow Fine	0	Fine byte of Yellow
12	Color Wheel	0	0–2 Open (wheel slot 1) 3–7 Color 1 (wheel slot 2) 8–12 Color 2 (wheel slot 3) 13–17 Color 3 (wheel slot 4) 18–22 Color 4 (wheel slot 5) 23–27 Color 5 (wheel slot 6) 28–32 Color 6 (wheel slot 7) 33–37 Color 7 (wheel slot 8) 38–42 Color 8 (wheel slot 9) 43–47 Color 9 (wheel slot 10) 48–52 Color 10 (wheel slot 11) 53–57 Color 11 (wheel slot 12) 58–62 Color 12 (wheel slot 13) 63–67 Color 13 (wheel slot 14) 68–72 Color 14 (wheel slot 15) 73–77 Color 15 (wheel slot 16) 78–82 Color 16 (wheel slot 17) 83–87 Color 17 (wheel slot 18) 88–92 Color 18 (wheel slot 19) 93–97 Color 19 (wheel slot 20) 98–102 Color 20 (wheel slot 21) 103–107 Color 21 (wheel slot 22) 108–112 Color 22 (wheel slot 23) 113–117 Color 23 (wheel slot 24) 118–122 Color 24 (wheel slot 25) 123–127 Color 25 (wheel slot 26) 128–189 CW Fast to Slow 190–193 Stop 194–255 Counter CW Slow to Fast
13	Color Wheel Fine	0	Fine byte of Color Wheel

Extended Pan540 (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 1 (wheel slot 2) 106–112 Gobo 2 (wheel slot 3) 113–119 Gobo 3 (wheel slot 4) 120–126 Gobo 4 (wheel slot 5) 127–133 Gobo 5 (wheel slot 6) 134–140 Gobo 6 (wheel slot 7) 141–147 Gobo 7 (wheel slot 8) 148–154 Gobo 8 (wheel slot 9) 155–161 Gobo 9 (wheel slot 10) 162–168 Gobo 10 (wheel slot 11) 169–175 Gobo 11 (wheel slot 12) 176–182 Gobo 12 (wheel slot 13) 183–189 Gobo 13 (wheel slot 14) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
15	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Rot Stop 194–255 Counter-clockwise Slow to Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended Pan540 (continued)

Ch	Function	Default	DMX values
17	Gobo 2	0	0–45 Open (wheel slot 1) 46–48 Gobo 1 (wheel slot 2) 49–51 Gobo 2 (wheel slot 3) 52–54 Gobo 3 (wheel slot 4) 55–57 Gobo 4 (wheel slot 5) 58–60 Gobo 5 (wheel slot 6) 61–63 Gobo 6 (wheel slot 7) 64–66 Gobo 7 (wheel slot 8) 67–69 Gobo 8 (wheel slot 9) 70–72 Gobo 9 (wheel slot 10) 73–75 Gobo 10 (wheel slot 11) 76–78 Gobo 11 (wheel slot 12) 79–81 Gobo 12 (wheel slot 13) 82–84 Gobo 13 (wheel slot 14) 85–87 Gobo 14 (wheel slot 15) 88–90 Gobo 15 (wheel slot 16) 91–93 Gobo 16 (wheel slot 17) 94–96 Gobo 17 (wheel slot 18) 97–99 Gobo 18 (wheel slot 19) 100–102 Gobo 19 (wheel slot 20) 103–105 Gobo 20 (wheel slot 21) 106–108 Gobo 21 (wheel slot 22) 109–111 Gobo 22 (wheel slot 23) 112–114 Gobo 23 (wheel slot 24) 115–117 Gobo 24 (wheel slot 25) 118–120 Gobo 1 (wheel slot 2) 121–123 Gobo 2 (wheel slot 3) 124–126 Gobo 3 (wheel slot 4) 127–129 Gobo 4 (wheel slot 5) 130–132 Gobo 5 (wheel slot 6) 133–135 Gobo 6 (wheel slot 7) 136–138 Gobo 7 (wheel slot 8) 139–141 Gobo 8 (wheel slot 9) 142–144 Gobo 9 (wheel slot 10) 145–147 Gobo 10 (wheel slot 11) 148–150 Gobo 11 (wheel slot 12) 151–153 Gobo 12 (wheel slot 13) 154–156 Gobo 13 (wheel slot 14) 157–159 Gobo 14 (wheel slot 15) 160–162 Gobo 15 (wheel slot 16) 163–165 Gobo 16 (wheel slot 17) 166–168 Gobo 17 (wheel slot 18) 169–171 Gobo 18 (wheel slot 19) 172–174 Gobo 19 (wheel slot 20) 175–177 Gobo 20 (wheel slot 21) 178–180 Gobo 21 (wheel slot 22) 181–183 Gobo 22 (wheel slot 23) 184–186 Gobo 23 (wheel slot 24) 187–189 Gobo 24 (wheel slot 25) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
18	Gobo 2 Fine	0	Fine byte of Gobo 2
19	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Circular (wheel slot 2) 76–135 16 Facet Circular (wheel slot 3) 136–195 6 Facet Linear (wheel slot 7) 196–255 Open (wheel slot 1)
20	Prism Rotation	0	0–126 Index Position 127–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Extended Pan540 (continued)

Ch	Function	Default	DMX values
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 5 Facet Circular (wheel slot 4) 136–195 8 + 8 Facet (wheel slot 5) 196–255 Open (wheel slot 1)
23	Prism Rotation	0	0–126 Index Position 127–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Frost1	0	
26	Frost2	0	
27	Focus	0	
28	Focus Fine	0	Fine byte of Focus
29	Zoom	127	
30	Zoom Fine	127	Fine byte of Zoom
31	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Strobe Pulse 160–191 Open 192–223 Random Strobe Slow to Fast 224–255 Open
32	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
33	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan540 (continued)

Ch	Function	Default	DMX values
34	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
35	Color Macro1Rate	0	
36	Color Macro1	0	0–31 Macros 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
37	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–255 No Function

Extended Pan540 (continued)

Ch	Function	Default	DMX values
38	Function	0	
39	Pixel Mode	0	0–24 No Function 25–49 Restricted Zone Active 50–74 Restricted Zone Inactive 75–99 Maintenance 100–254 Reserved 255–255 Restricted Zone Reset
40	L EDZone Mode	0	0–24 No Function 25–49 Set Pan Restricted Zone 1 Start 50–74 Set Pan Restricted Zone 1 End 75–99 Set Tilt Restricted Zone 1 Start 100–124 Set Tilt Restricted Zone 1 End 125–149 Set Pan Restricted Zone 2 Start 150–174 Set Pan Restricted Zone 2 End 175–199 Set Tilt Restricted Zone 2 Start 200–224 Set Tilt Restricted Zone 2 End 225–254 Reserved 255–255 Restricted Zone Reset
41	No Feature	0	

Extended Pan630

41 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–2 Disabled 3–126 Rotating Clockwise Fast to Slow 127–129 No rotation (Fixture stops at its current position) 130–253 Rotating Counter-Clockwise Fast to Slow 254–255 No rotation (Fixture stops at its current position)
6	Cyan	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
7	Cyan Fine	0	Fine byte of Cyan
8	Magenta	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
9	Magenta Fine	0	Fine byte of Magenta
10	Yellow	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
11	Yellow Fine	0	Fine byte of Yellow

Extended Pan630 (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–2 Open (wheel slot 1) 3–7 Color 1 (wheel slot 2) 8–12 Color 2 (wheel slot 3) 13–17 Color 3 (wheel slot 4) 18–22 Color 4 (wheel slot 5) 23–27 Color 5 (wheel slot 6) 28–32 Color 6 (wheel slot 7) 33–37 Color 7 (wheel slot 8) 38–42 Color 8 (wheel slot 9) 43–47 Color 9 (wheel slot 10) 48–52 Color 10 (wheel slot 11) 53–57 Color 11 (wheel slot 12) 58–62 Color 12 (wheel slot 13) 63–67 Color 13 (wheel slot 14) 68–72 Color 14 (wheel slot 15) 73–77 Color 15 (wheel slot 16) 78–82 Color 16 (wheel slot 17) 83–87 Color 17 (wheel slot 18) 88–92 Color 18 (wheel slot 19) 93–97 Color 19 (wheel slot 20) 98–102 Color 20 (wheel slot 21) 103–107 Color 21 (wheel slot 22) 108–112 Color 22 (wheel slot 23) 113–117 Color 23 (wheel slot 24) 118–122 Color 24 (wheel slot 25) 123–127 Color 25 (wheel slot 26) 128–189 CW Fast to Slow 190–193 Stop 194–255 Counter CW Slow to Fast
13	Color Wheel Fine	0	Fine byte of Color Wheel
14	Gobo	0	0–7 Open (wheel slot 1) 8–14 Gobo 1 (wheel slot 2) 15–21 Gobo 2 (wheel slot 3) 22–28 Gobo 3 (wheel slot 4) 29–35 Gobo 4 (wheel slot 5) 36–42 Gobo 5 (wheel slot 6) 43–49 Gobo 6 (wheel slot 7) 50–56 Gobo 7 (wheel slot 8) 57–63 Gobo 8 (wheel slot 9) 64–70 Gobo 9 (wheel slot 10) 71–77 Gobo 10 (wheel slot 11) 78–84 Gobo 11 (wheel slot 12) 85–91 Gobo 12 (wheel slot 13) 92–98 Gobo 13 (wheel slot 14) 99–105 Gobo 1 (wheel slot 2) 106–112 Gobo 2 (wheel slot 3) 113–119 Gobo 3 (wheel slot 4) 120–126 Gobo 4 (wheel slot 5) 127–133 Gobo 5 (wheel slot 6) 134–140 Gobo 6 (wheel slot 7) 141–147 Gobo 7 (wheel slot 8) 148–154 Gobo 8 (wheel slot 9) 155–161 Gobo 9 (wheel slot 10) 162–168 Gobo 10 (wheel slot 11) 169–175 Gobo 11 (wheel slot 12) 176–182 Gobo 12 (wheel slot 13) 183–189 Gobo 13 (wheel slot 14) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast

Extended Pan630 (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Rot Stop 194–255 Counter-clockwise Slow to Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–45 Open (wheel slot 1) 46–48 Gobo 1 (wheel slot 2) 49–51 Gobo 2 (wheel slot 3) 52–54 Gobo 3 (wheel slot 4) 55–57 Gobo 4 (wheel slot 5) 58–60 Gobo 5 (wheel slot 6) 61–63 Gobo 6 (wheel slot 7) 64–66 Gobo 7 (wheel slot 8) 67–69 Gobo 8 (wheel slot 9) 70–72 Gobo 9 (wheel slot 10) 73–75 Gobo 10 (wheel slot 11) 76–78 Gobo 11 (wheel slot 12) 79–81 Gobo 12 (wheel slot 13) 82–84 Gobo 13 (wheel slot 14) 85–87 Gobo 14 (wheel slot 15) 88–90 Gobo 15 (wheel slot 16) 91–93 Gobo 16 (wheel slot 17) 94–96 Gobo 17 (wheel slot 18) 97–99 Gobo 18 (wheel slot 19) 100–102 Gobo 19 (wheel slot 20) 103–105 Gobo 20 (wheel slot 21) 106–108 Gobo 21 (wheel slot 22) 109–111 Gobo 22 (wheel slot 23) 112–114 Gobo 23 (wheel slot 24) 115–117 Gobo 24 (wheel slot 25) 118–120 Gobo 1 (wheel slot 2) 121–123 Gobo 2 (wheel slot 3) 124–126 Gobo 3 (wheel slot 4) 127–129 Gobo 4 (wheel slot 5) 130–132 Gobo 5 (wheel slot 6) 133–135 Gobo 6 (wheel slot 7) 136–138 Gobo 7 (wheel slot 8) 139–141 Gobo 8 (wheel slot 9) 142–144 Gobo 9 (wheel slot 10) 145–147 Gobo 10 (wheel slot 11) 148–150 Gobo 11 (wheel slot 12) 151–153 Gobo 12 (wheel slot 13) 154–156 Gobo 13 (wheel slot 14) 157–159 Gobo 14 (wheel slot 15) 160–162 Gobo 15 (wheel slot 16) 163–165 Gobo 16 (wheel slot 17) 166–168 Gobo 17 (wheel slot 18) 169–171 Gobo 18 (wheel slot 19) 172–174 Gobo 19 (wheel slot 20) 175–177 Gobo 20 (wheel slot 21) 178–180 Gobo 21 (wheel slot 22) 181–183 Gobo 22 (wheel slot 23) 184–186 Gobo 23 (wheel slot 24) 187–189 Gobo 24 (wheel slot 25) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
18	Gobo 2 Fine	0	Fine byte of Gobo 2

Extended Pan630 (continued)

Ch	Function	Default	DMX values
19	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Circular (wheel slot 2) 76–135 16 Facet Circular (wheel slot 3) 136–195 6 Facet Linear (wheel slot 7) 196–255 Open (wheel slot 1)
20	Prism Rotation	0	0–126 Index Position 127–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
21	Prism Rotation Fine	0	Fine byte of Prism Rotation
22	Prism	0	0–15 Open (wheel slot 1) 16–75 4 Facet Linear (wheel slot 6) 76–135 5 Facet Circular (wheel slot 4) 136–195 8 + 8 Facet (wheel slot 5) 196–255 Open (wheel slot 1)
23	Prism Rotation	0	0–126 Index Position 127–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Frost1	0	
26	Frost2	0	
27	Focus	0	
28	Focus Fine	0	Fine byte of Focus
29	Zoom	127	
30	Zoom Fine	127	Fine byte of Zoom
31	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–95 Strobe Slow to Fast 96–127 Open 128–159 Strobe Pulse 160–191 Open 192–223 Random Strobe Slow to Fast 224–255 Open
32	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
33	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan630 (continued)

Ch	Function	Default	DMX values
34	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
35	Color Macro1Rate	0	
36	Color Macro1	0	0–31 Macros 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
37	Position MSpeed	0	0–225 Max to Min 226–235 Blackout By Movement 236–245 Blackout By All Wheel Movement 246–255 No Function

Extended Pan630 (continued)

Ch	Function	Default	DMX values
38	Function	0	
39	Pixel Mode	0	0–24 No Function 25–49 Restricted Zone Active 50–74 Restricted Zone Inactive 75–99 Maintenance 100–254 Reserved 255–255 Restricted Zone Reset
40	L EDZone Mode	0	0–24 No Function 25–49 Set Pan Restricted Zone 1 Start 50–74 Set Pan Restricted Zone 1 End 75–99 Set Tilt Restricted Zone 1 Start 100–124 Set Tilt Restricted Zone 1 End 125–149 Set Pan Restricted Zone 2 Start 150–174 Set Pan Restricted Zone 2 End 175–199 Set Tilt Restricted Zone 2 Start 200–224 Set Tilt Restricted Zone 2 End 225–254 Reserved 255–255 Restricted Zone Reset
41	No Feature	0	