Elation

Proteus Beam



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**19, 21, 30 channels**
Beam angle	**9°**
Pan range	**630°**
Tilt range	**260°**
Size (W × H × D)	**320 × 455 × 261 mm**
GDTF fixture type	**F8EF8DCC-1190-4DF6-8587-65…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Basic Pan540	19 ch
Basic Pan630	19 ch
Stand Pan540	21 ch
Stand Pan630	21 ch
Extend Pan540	30 ch
Extend Pan630	30 ch

Basic Pan540

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
7	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
8	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Basic Pan540 (continued)

Ch	Function	Default	DMX values
9	Gobo 2	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
10	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
11	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
12	Focus	0	

Basic Pan540 (continued)

Ch	Function	Default	DMX values
13	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
14	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
16	Color Macro1Rate	0	
17	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
18	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function

Basic Pan540 (continued)

Ch	Function	Default	DMX values
19	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function

Basic Pan630

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	128	
3	Cyan	0	
4	Magenta	0	
5	Yellow	0	
6	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Basic Pan630 (continued)

Ch	Function	Default	DMX values
7	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
8	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
9	Gobo 2	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

Basic Pan630 (continued)

Ch	Function	Default	DMX values
10	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
11	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
12	Focus	0	
13	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
14	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
16	Color Macro1Rate	0	

Basic Pan630 (continued)

Ch	Function	Default	DMX values
17	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
18	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function
19	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function

Stand Pan540

21 channels

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

Stand Pan540 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
9	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
10	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Stand Pan540 (continued)

Ch	Function	Default	DMX values
11	Gobo 2	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
12	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
13	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
14	Focus	0	

Stand Pan540 (continued)

Ch	Function	Default	DMX values
15	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
16	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
18	Color Macro1Rate	0	
19	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
20	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function

Stand Pan540 (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function

Stand Pan630

21 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	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast

Stand Pan630 (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
10	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
11	Gobo 2	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

Stand Pan630 (continued)

Ch	Function	Default	DMX values
12	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
13	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
14	Focus	0	
15	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
16	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
18	Color Macro1Rate	0	

Stand Pan630 (continued)

Ch	Function	Default	DMX values
19	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
20	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function
21	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function

Extend Pan540

30 channels

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

Extend Pan540 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	128	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	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
14	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extend Pan540 (continued)

Ch	Function	Default	DMX values
16	Gobo 2	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
17	Gobo 2 Fine	0	Fine byte of Gobo 2
18	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
19	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
20	Prism Rotation Fine	0	Fine byte of Prism Rotation
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus

Extend Pan540 (continued)

Ch	Function	Default	DMX values
23	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
24	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
25	Dimmer Fine	0	Fine byte of Dimmer
26	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
27	Color Macro1Rate	0	
28	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
29	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function

Extend Pan540 (continued)

Ch	Function	Default	DMX values
30	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function

Extend Pan630

30 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	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	Color Wheel	0	0–10 Open (wheel slot 1) 11–19 Red (wheel slot 2) 20–28 Blue (wheel slot 16) 29–37 Green (wheel slot 3) 38–46 Yellow (wheel slot 4) 47–55 Pink (wheel slot 9) 56–64 Orange (wheel slot 7) 65–73 Aqua (wheel slot 15) 74–82 Light Pink (wheel slot 14) 83–91 Cyan (wheel slot 6) 92–100 Magenta (wheel slot 8) 101–109 CTB (wheel slot 11) 110–118 CTO (wheel slot 12) 119–127 UV (wheel slot 10) 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
12	Color Wheel Fine	0	Fine byte of Color Wheel

Extend Pan630 (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–21 Open (wheel slot 1) 22–31 Gobo 1 (wheel slot 3) 32–41 Gobo 2 (wheel slot 4) 42–51 Gobo 3 (wheel slot 5) 52–61 Gobo 4 (wheel slot 6) 62–71 Gobo 5 (wheel slot 7) 72–81 Gobo 6 (wheel slot 8) 82–91 Gobo 7 (wheel slot 9) 92–101 Gobo 8 (wheel slot 10) 102–112 Gobo 1 (wheel slot 3) 113–123 Gobo 2 (wheel slot 4) 124–134 Gobo 3 (wheel slot 5) 135–145 Gobo 4 (wheel slot 6) 146–156 Gobo 5 (wheel slot 7) 157–167 Gobo 6 (wheel slot 8) 168–178 Gobo 7 (wheel slot 9) 179–189 Gobo 8 (wheel slot 10) 190–221 Clockwise Fast to Slow 222–223 Stop 224–255 Counter-clockwise Slow to Fast
14	Gobo Rotation	0	0–127 Index Min 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Gobo 2	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
17	Gobo 2 Fine	0	Fine byte of Gobo 2

Extend Pan630 (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–31 No Prism - Open (wheel slot 1) 32–63 5-FACET PRISM (wheel slot 2) 64–95 32-FACET PRISM (wheel slot 3) 96–127 5-FACET + 32-FACET PRISMS (wheel slot 4) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
19	Prism Rotation	0	0–127 Prism Indexing 128–189 Clockwise Fast to Slow 190–193 Stop 194–255 Counter-clockwise Slow to Fast
20	Prism Rotation Fine	0	Fine byte of Prism Rotation
21	Focus	0	
22	Focus Fine	0	Fine byte of Focus
23	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
24	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
25	Dimmer Fine	0	Fine byte of Dimmer
26	Frost1	0	0–127 Disable Frost 128–255 Enable Frost
27	Color Macro1Rate	0	

Extend Pan630 (continued)

Ch	Function	Default	DMX values
28	Color Macro1	0	0–31 OFF 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–184 Color Macro 19 185–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–216 Color Macro 23 217–223 Color Macro 24 224–231 Color Macro 25 232–238 Color Macro 26 239–247 Color Macro 27 248–255 Random CMY
29	Position MSpeed	0	0–224 Max 225–225 Min 226–235 Blackout By Movement 236–245 Blackout by wheel changes 246–255 Function
30	Control1	0	0–19 COLOR Change Normal 20–39 COLOR Change to Any Position 40–59 LAMP ON 60–79 LAMP SWITCH OFF 80–84 ALL Motors Reset 85–87 SCAN Motor Reset 88–90 COLOR Motors Reset 91–93 GOBO Motors Reset 94–96 SHUTTER Motor Reset 97–99 OTHER Motors Reset 100–119 Internal Program 1 120–139 Internal Program 2 140–159 Internal Program 3 160–179 Internal Program 4 180–199 Internal Program 5 200–219 Internal Program 6 220–239 Internal Program 7 240–255 No Function