Elation

DARTZ 360



Manufacturer	**Elation**
Type	**Moving head**
DMX modes	**6**
DMX footprint	**19, 22, 25 channels**
Beam angle	**25°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**191 × 267 × 191 mm**
GDTF fixture type	**58F6904D-7E61-49B3-BF24-DB…**

Controls

Focus · Frost · Prism · Prism rotation · RGB colour mixing · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

DMX modes

Basic Pan540	19 ch
Basic Pan630	19 ch
Stand Pan540	22 ch
Stand Pan630	22 ch
Extend Pan540	25 ch
Extend Pan630	25 ch

Basic Pan540

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
4	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
5	Red	0	
6	Green	0	
7	Blue	0	
8	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
9	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)
10	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
11	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)

Basic Pan540 (continued)

Ch	Function	Default	DMX values
12	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)
13	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
14	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Focus	127	
16	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
17	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
18	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function
19	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction

Basic Pan630

19 channels

Ch	Function	Default	DMX values
1	Pan	109	

Basic Pan630 (continued)

Ch	Function	Default	DMX values
2	Tilt	127	
3	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
4	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
5	Red	0	
6	Green	0	
7	Blue	0	
8	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
9	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)
10	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
11	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)
12	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)

Basic Pan630 (continued)

Ch	Function	Default	DMX values
13	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
14	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Focus	127	
16	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
17	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
18	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function
19	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction

Stand Pan540

22 channels

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

Stand Pan540 (continued)

Ch	Function	Default	DMX values
5	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
6	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
7	Red	0	
8	Green	0	
9	Blue	0	
10	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
11	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)
12	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
13	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)
14	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)

Stand Pan540 (continued)

Ch	Function	Default	DMX values
15	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
16	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Dimmer Fine	255	Fine byte of Dimmer
18	Focus	127	
19	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
21	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function
22	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction

Stand Pan630

22 channels

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

Stand Pan630 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
6	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
7	Red	0	
8	Green	0	
9	Blue	0	
10	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
11	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)
12	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
13	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)
14	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)

Stand Pan630 (continued)

Ch	Function	Default	DMX values
15	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
16	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
17	Dimmer Fine	255	Fine byte of Dimmer
18	Focus	127	
19	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
21	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function
22	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction

Extend Pan540

25 channels

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

Extend Pan540 (continued)

Ch	Function	Default	DMX values
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
6	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
7	Red	0	
8	Red Fine	0	Fine byte of Red
9	Green	0	
10	Green Fine	0	Fine byte of Green
11	Blue	0	
12	Blue Fine	0	Fine byte of Blue
13	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
14	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)
15	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
16	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)

Extend Pan540 (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)
18	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
19	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
20	Dimmer Fine	255	Fine byte of Dimmer
21	Focus	127	
22	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function
25	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction

Extend Pan630

25 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	Pan Mode	0	0–127 No Function 128–189 PAN Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 PAN Counter-Clockwise from SLOW to FAST
6	Tilt Mode	0	0–127 No Function 128–189 Tilt Clockwise from FAST to SLOW 190–193 NO Rotation 194–255 Tilt Counter-Clockwise from SLOW to FAST
7	Red	0	
8	Red Fine	0	Fine byte of Red
9	Green	0	
10	Green Fine	0	Fine byte of Green
11	Blue	0	
12	Blue Fine	0	Fine byte of Blue
13	Gobo	0	0–3 Open (wheel slot 1) 4–7 Fixed Gobo 1 (wheel slot 2) 8–11 Fixed Gobo 2 (wheel slot 3) 12–15 Fixed Gobo 3 (wheel slot 4) 16–19 Fixed Gobo 4 (wheel slot 5) 20–23 Fixed Gobo 5 (wheel slot 6) 24–27 Fixed Gobo 6 (wheel slot 7) 28–31 Fixed Gobo 7 (wheel slot 8) 32–35 Fixed Gobo 8 (wheel slot 9) 36–39 Fixed Gobo 9 (wheel slot 10) 40–43 Fixed Gobo 10 (wheel slot 11) 44–47 Fixed Gobo 11 (wheel slot 12) 48–51 Fixed Gobo 12 (wheel slot 13) 52–55 Fixed Gobo 13 (wheel slot 14) 56–59 Fixed Gobo 14 (wheel slot 15) 60–63 Open (wheel slot 1) 64–73 Fixed Gobo 1 (wheel slot 2) 74–83 Fixed Gobo 2 (wheel slot 3) 84–93 Fixed Gobo 3 (wheel slot 4) 94–103 Fixed Gobo 4 (wheel slot 5) 104–113 Fixed Gobo 5 (wheel slot 6) 114–123 Fixed Gobo 6 (wheel slot 7) 124–133 Fixed Gobo 7 (wheel slot 8) 134–143 Fixed Gobo 8 (wheel slot 9) 144–153 Fixed Gobo 9 (wheel slot 10) 154–163 Fixed Gobo 10 (wheel slot 11) 164–173 Fixed Gobo 11 (wheel slot 12) 174–183 Fixed Gobo 12 (wheel slot 13) 184–193 Fixed Gobo 13 (wheel slot 14) 194–203 Fixed Gobo 14 (wheel slot 15) 204–211 No Function 212–232 Gobo Wheel Scroll CW Fast to Slow 233–234 Stop 235–255 Gobo Wheel Scroll CCW Slow to Fast
14	Prism	0	0–31 Open (wheel slot 1) 32–255 8-Facet Prism 1 (wheel slot 2)

Extend Pan630 (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 2) 190–193 No Rotation (wheel slot 2) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 2)
16	Prism	0	0–31 Open (wheel slot 1) 32–255 6-Facet Prism 2 (wheel slot 3)
17	Prism Rotation	0	0–127 Prism Indexing (wheel slot 2) 128–189 Prism Rotation CW Fast to Slow (wheel slot 3) 190–193 No Rotation (wheel slot 3) 194–255 Prism Rotation CCW Slow to Fast (wheel slot 3)
18	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–78 Strobe · Slow 0.5–4.79 Hz 79–94 Strobe · Med 5.1–9.69 Hz 95–95 Strobe · Fast 10 Hz 96–110 Pulse Open Slow 111–126 Pulse Open Med 127–127 Pulse Open Fast 128–142 Pulse Close Slow 143–158 Pulse Close Med 159–159 Pulse Close Fast 160–174 Pulse Effects · Slow 0.5–4.79 Hz 175–190 Pulse Effects · Med 5.1–9.69 Hz 191–191 Pulse Effects · Fast 10 Hz 192–206 Random Slow 207–222 Random Med 223–223 Random Fast 255–255 Open
19	Dimmer	255	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
20	Dimmer Fine	255	Fine byte of Dimmer
21	Focus	127	
22	Frost1	0	0–225 Open to Full Frost 226–235 Pulse Open Fast to Slow 236–245 Pulse Close Fast to Slow 246–255 100% Frost
23	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Setting on Fixture
24	Position MSpeed	0	0–225 Max to Min 226–235 Blackout by Movement 236–255 No Function

Extend Pan630 (continued)

Ch	Function	Default	DMX values
25	Control1	0	0–69 No Function 70–79 PAN/TILT MOTORS RESET 80–89 ALL MOTORS RESET 90–99 Empty Channel Set 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 Fuction