Elation

Fuze Profile



Manufacturer	**Elation**
Type	**Profile spot**
DMX modes	**8**
DMX footprint	**36, 38, 55, 59 channels**
Beam angle	**7-42°**
Pan range	**630°**
Tilt range	**270°**
Size (W × H × D)	**272 × 519 × 229 mm**
GDTF fixture type	**0CC1B3E7-6011-466D-BC2A-84…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

CMY Pan540	36 ch
CMY Pan630	36 ch
Standard Pan540	38 ch
Standard Pan630	38 ch
CMY Extended Pan540	55 ch
CMY Extended Pan630	55 ch
Extended Pan540	59 ch
Extended Pan630	59 ch

CMY Pan540

36 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TC	0	

CMY Pan540 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

CMY Pan540 (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
13	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast
14	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)

CMY Pan540 (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	0	0–127 Prism Indexing 128–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
16	Focus	127	
17	Focus Fine	255	Fine byte of Focus
18	Zoom	127	
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	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)
21	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
22	Dimmer Fine	0	Fine byte of Dimmer
23	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
24	Frost1	0	
25	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
26	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation 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	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
36	Control1	0	

CMY Pan630

36 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt

CMY Pan630 (continued)

Ch	Function	Default	DMX values
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	C TC	0	

CMY Pan630 (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

CMY Pan630 (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
11	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
13	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast
14	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)

CMY Pan630 (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	0	0–127 Prism Indexing 128–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
16	Focus	127	
17	Focus Fine	255	Fine byte of Focus
18	Zoom	127	
19	Zoom Fine	255	Fine byte of Zoom
20	Shutter / Strobe	50	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)
21	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
22	Dimmer Fine	0	Fine byte of Dimmer
23	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
24	Frost1	0	
25	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
26	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation 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	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
36	Control1	0	

Standard Pan540

38 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt

Standard Pan540 (continued)

Ch	Function	Default	DMX values
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Color Add RY	255	
10	C TC	0	

Standard Pan540 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan540 (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
13	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
15	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast
16	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)

Standard Pan540 (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–127 Prism Indexing 128–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Zoom	127	
21	Zoom Fine	255	Fine byte of Zoom
22	Shutter / Strobe	50	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)
23	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
24	Dimmer Fine	0	Fine byte of Dimmer
25	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
26	Frost1	0	
27	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
28	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
29	Blade1A	0	
30	Blade1B	0	
31	Blade2A	0	
32	Blade2B	0	
33	Blade3A	0	
34	Blade3B	0	
35	Blade4A	0	
36	Blade4B	0	
37	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
38	Control1	0	

Standard Pan630

38 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt

Standard Pan630 (continued)

Ch	Function	Default	DMX values
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Color Add RY	255	
10	C TC	0	

Standard Pan630 (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Standard Pan630 (continued)

Ch	Function	Default	DMX values
12	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
13	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
15	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast
16	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)

Standard Pan630 (continued)

Ch	Function	Default	DMX values
17	Prism Rotation	0	0–127 Prism Indexing 128–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
18	Focus	127	
19	Focus Fine	255	Fine byte of Focus
20	Zoom	127	
21	Zoom Fine	255	Fine byte of Zoom
22	Shutter / Strobe	50	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)
23	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
24	Dimmer Fine	0	Fine byte of Dimmer
25	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
26	Frost1	0	
27	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
28	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
29	Blade1A	0	
30	Blade1B	0	
31	Blade2A	0	
32	Blade2B	0	
33	Blade3A	0	
34	Blade3B	0	
35	Blade4A	0	
36	Blade4B	0	
37	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
38	Control1	0	

CMY Extended Pan540

55 channels

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

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
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	C TC	0	

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
13	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
14	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
15	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)
19	Prism Rotation	0	0–126 Prism Indexing 127–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
20	Prism Rotation Fine	0	Fine byte of Prism Rotation
21	Focus	127	
22	Focus Fine	255	Fine byte of Focus
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Shutter / Strobe	50	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)
26	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
27	Dimmer Fine	0	Fine byte of Dimmer

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
28	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
29	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
30	Iris Fine	0	Fine byte of Iris
31	Frost1	0	
32	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
33	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
34	Blade1A	0	
35	Blade1A Fine	0	Fine byte of Blade1A
36	Blade1B	0	
37	Blade1B Fine	0	Fine byte of Blade1B
38	Blade2A	0	
39	Blade2A Fine	0	Fine byte of Blade2A
40	Blade2B	0	
41	Blade2B Fine	0	Fine byte of Blade2B
42	Blade3A	0	
43	Blade3A Fine	0	Fine byte of Blade3A
44	Blade3B	0	
45	Blade3B Fine	0	Fine byte of Blade3B
46	Blade4A	0	
47	Blade4A Fine	0	Fine byte of Blade4A
48	Blade4B	0	
49	Blade4B Fine	0	Fine byte of Blade4B

CMY Extended Pan540 (continued)

Ch	Function	Default	DMX values
50	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
51	Shaper Rot Fine	127	Fine byte of Shaper Rot
52	Shaper Macros Speed	0	
53	Shaper Macros	0	0–7 OFF 8–15 Framing Macro 1 16–23 Framing Macro 2 24–31 Framing Macro 3 32–39 Framing Macro 4 40–47 Framing Macro 5 48–55 Framing Macro 6 56–63 Framing Macro 7 64–71 Framing Macro 8 72–79 Framing Macro 9 80–87 Framing Macro 10 88–95 Framing Macro 11 96–103 Framing Macro 12 104–111 Framing Macro 13 112–119 Framing Macro 14 120–127 Framing Macro 15 128–135 Framing Macro 16 136–143 Framing Macro 17 144–151 Framing Macro 18 152–159 Framing Macro 19 160–167 Framing Macro 20 168–175 Framing Macro 21 176–183 Framing Macro 22 184–191 Framing Macro 23 192–199 Framing Macro 24 200–207 Framing Macro 25 208–215 Framing Macro 26 216–223 Framing Macro 27 224–231 Framing Macro 28 232–239 Framing Macro 29 240–247 Framing Macro 30 248–255 Framing Macro 31
54	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function
55	Control1	0	

CMY Extended Pan630

55 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	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

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
11	C TC	0	

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
12	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
13	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
14	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
15	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)
19	Prism Rotation	0	0–126 Prism Indexing 127–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
20	Prism Rotation Fine	0	Fine byte of Prism Rotation
21	Focus	127	
22	Focus Fine	255	Fine byte of Focus
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Shutter / Strobe	50	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)
26	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
27	Dimmer Fine	0	Fine byte of Dimmer

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
28	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
29	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
30	Iris Fine	0	Fine byte of Iris
31	Frost1	0	
32	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
33	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
34	Blade1A	0	
35	Blade1A Fine	0	Fine byte of Blade1A
36	Blade1B	0	
37	Blade1B Fine	0	Fine byte of Blade1B
38	Blade2A	0	
39	Blade2A Fine	0	Fine byte of Blade2A
40	Blade2B	0	
41	Blade2B Fine	0	Fine byte of Blade2B
42	Blade3A	0	
43	Blade3A Fine	0	Fine byte of Blade3A
44	Blade3B	0	
45	Blade3B Fine	0	Fine byte of Blade3B
46	Blade4A	0	
47	Blade4A Fine	0	Fine byte of Blade4A
48	Blade4B	0	
49	Blade4B Fine	0	Fine byte of Blade4B

CMY Extended Pan630 (continued)

Ch	Function	Default	DMX values
50	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
51	Shaper Rot Fine	127	Fine byte of Shaper Rot
52	Shaper Macros Speed	0	
53	Shaper Macros	0	0–7 OFF 8–15 Framing Macro 1 16–23 Framing Macro 2 24–31 Framing Macro 3 32–39 Framing Macro 4 40–47 Framing Macro 5 48–55 Framing Macro 6 56–63 Framing Macro 7 64–71 Framing Macro 8 72–79 Framing Macro 9 80–87 Framing Macro 10 88–95 Framing Macro 11 96–103 Framing Macro 12 104–111 Framing Macro 13 112–119 Framing Macro 14 120–127 Framing Macro 15 128–135 Framing Macro 16 136–143 Framing Macro 17 144–151 Framing Macro 18 152–159 Framing Macro 19 160–167 Framing Macro 20 168–175 Framing Macro 21 176–183 Framing Macro 22 184–191 Framing Macro 23 192–199 Framing Macro 24 200–207 Framing Macro 25 208–215 Framing Macro 26 216–223 Framing Macro 27 224–231 Framing Macro 28 232–239 Framing Macro 29 240–247 Framing Macro 30 248–255 Framing Macro 31
54	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function
55	Control1	0	

Extended Pan540

59 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	
6	Red Fine	255	Fine byte of Red
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue

Extended Pan540 (continued)

Ch	Function	Default	DMX values
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Color Add RY	255	
14	Color Add RY Fine	255	Fine byte of Color Add RY
15	C TC	0	

Extended Pan540 (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan540 (continued)

Ch	Function	Default	DMX values
17	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
18	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
19	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
20	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
21	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast

Extended Pan540 (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)
23	Prism Rotation	0	0–126 Prism Indexing 127–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Focus	127	
26	Focus Fine	255	Fine byte of Focus
27	Zoom	127	
28	Zoom Fine	255	Fine byte of Zoom
29	Shutter / Strobe	50	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)
30	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
31	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan540 (continued)

Ch	Function	Default	DMX values
32	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
33	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
34	Iris Fine	0	Fine byte of Iris
35	Frost1	0	
36	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
37	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
38	Blade1A	0	
39	Blade1A Fine	0	Fine byte of Blade1A
40	Blade1B	0	
41	Blade1B Fine	0	Fine byte of Blade1B
42	Blade2A	0	
43	Blade2A Fine	0	Fine byte of Blade2A
44	Blade2B	0	
45	Blade2B Fine	0	Fine byte of Blade2B
46	Blade3A	0	
47	Blade3A Fine	0	Fine byte of Blade3A
48	Blade3B	0	
49	Blade3B Fine	0	Fine byte of Blade3B
50	Blade4A	0	
51	Blade4A Fine	0	Fine byte of Blade4A
52	Blade4B	0	
53	Blade4B Fine	0	Fine byte of Blade4B

Extended Pan540 (continued)

Ch	Function	Default	DMX values
54	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
55	Shaper Rot Fine	127	Fine byte of Shaper Rot
56	Shaper Macros Speed	0	
57	Shaper Macros	0	0–7 OFF 8–15 Framing Macro 1 16–23 Framing Macro 2 24–31 Framing Macro 3 32–39 Framing Macro 4 40–47 Framing Macro 5 48–55 Framing Macro 6 56–63 Framing Macro 7 64–71 Framing Macro 8 72–79 Framing Macro 9 80–87 Framing Macro 10 88–95 Framing Macro 11 96–103 Framing Macro 12 104–111 Framing Macro 13 112–119 Framing Macro 14 120–127 Framing Macro 15 128–135 Framing Macro 16 136–143 Framing Macro 17 144–151 Framing Macro 18 152–159 Framing Macro 19 160–167 Framing Macro 20 168–175 Framing Macro 21 176–183 Framing Macro 22 184–191 Framing Macro 23 192–199 Framing Macro 24 200–207 Framing Macro 25 208–215 Framing Macro 26 216–223 Framing Macro 27 224–231 Framing Macro 28 232–239 Framing Macro 29 240–247 Framing Macro 30 248–255 Framing Macro 31
58	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function
59	Control1	0	

Extended Pan630

59 channels

Ch	Function	Default	DMX values
1	Pan	109	
2	Pan Fine	182	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Red	255	
6	Red Fine	255	Fine byte of Red
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue

Extended Pan630 (continued)

Ch	Function	Default	DMX values
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY
13	Color Add RY	255	
14	Color Add RY Fine	255	Fine byte of Color Add RY
15	C TC	0	

Extended Pan630 (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–0 Open (wheel slot 61) 1–1 Pale Yellow (wheel slot 1) 2–2 Straw (wheel slot 2) 3–3 Gold Tint (wheel slot 3) 4–4 Spring Yellow (wheel slot 4) 5–5 Medium Yellow (wheel slot 5) 6–6 Yellow (wheel slot 6) 7–7 Deep Amber (wheel slot 7) 8–8 Deep Straw (wheel slot 8) 9–9 Loving Amber (wheel slot 9) 10–10 Gold Amber (wheel slot 10) 11–11 Orange (wheel slot 11) 12–12 Deep Orange (wheel slot 12) 13–13 Dark Amber (wheel slot 13) 14–14 Millennium Gold (wheel slot 14) 15–15 Deep Golden Amber (wheel slot 15) 16–16 Scarlet (wheel slot 16) 17–17 Primary Red (wheel slot 17) 18–18 Bright Red (wheel slot 18) 19–19 Medium Red (wheel slot 19) 20–20 Fire (wheel slot 20) 21–21 Pink (wheel slot 21) 22–22 Medium Pink (wheel slot 22) 23–23 Dark Pink (wheel slot 23) 24–24 Bright Pink (wheel slot 24) 25–25 Bright Rose (wheel slot 25) 26–26 Special Rose Pink (wheel slot 26) 27–27 Vanity Fair (wheel slot 27) 28–28 Magenta (wheel slot 28) 29–29 Dark Magenta (wheel slot 29) 30–30 Rose Purple (wheel slot 30) 31–31 Mauve (wheel slot 31) 32–32 Medium Purple (wheel slot 32) 33–33 Lavender (wheel slot 33) 34–34 Palace blue (wheel slot 34) 35–35 Dark Blue (wheel slot 35) 36–36 Medium Blue (wheel slot 36) 37–37 Deep Blue (wheel slot 37) 38–38 Daylight Blue (wheel slot 38) 39–39 Slate Blue (wheel slot 39) 40–40 Light Blue (wheel slot 40) 41–41 Sky Blue (wheel slot 41) 42–42 Pale Navy Blue (wheel slot 42) 43–43 Marine Blue (wheel slot 43) 44–44 Peacock Blue (wheel slot 44) 45–45 Lagoon Blue (wheel slot 45) 46–46 Medium Blue Green (wheel slot 46) 47–47 Dark Yellow Green (wheel slot 47) 48–48 Primary Green (wheel slot 48) 49–49 Fern Green (wheel slot 49) 50–50 Moss Green (wheel slot 50) 51–51 Dark Green (wheel slot 51) 52–52 Lime Green (wheel slot 52) 53–53 Pale Green (wheel slot 53) 54–54 Quarter CT Blue (wheel slot 54) 55–55 Half CT Blue (wheel slot 55) 56–56 Full CT Blue (wheel slot 56) 57–57 Double CT Blue (wheel slot 57) 58–58 Quarter CT Orange (wheel slot 58) 59–59 Half CT Orange (wheel slot 59) 60–60 Full CT Orange (wheel slot 60) 61–179 Open (wheel slot 61) 180–201 CW fast to slow 202–207 Stop

Extended Pan630 (continued)

Ch	Function	Default	DMX values
17	Tint	128	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green
18	Gobo	0	0–9 Open (wheel slot 1) 10–19 Tear me Up (wheel slot 2) 20–29 Super Sic (wheel slot 3) 30–39 Track Attack (wheel slot 4) 40–49 Leaf Breakup (wheel slot 5) 50–59 Bubble Trouble (wheel slot 6) 60–69 Texture Glass (wheel slot 7) 70–89 Tear me Up (wheel slot 2) 90–109 Super Sic (wheel slot 3) 110–129 Track Attack (wheel slot 4) 130–149 Leaf Breakup (wheel slot 5) 150–169 Bubble Trouble (wheel slot 6) 170–189 Texture Glass (wheel slot 7) 190–221 Gobo Wheel Scroll CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Scroll CCW Slow to Fast
19	Gobo Rotation	0	0–127 Gobo Indexing 128–189 Gobo Scroll CW Fast to Slow 190–193 No Rotation 194–255 Gobo Scroll CCW Slow to Fast
20	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
21	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Puddles (wheel slot 2) 20–29 Broken Dreams (wheel slot 3) 30–39 Sunset City (wheel slot 4) 40–49 Highway Math (wheel slot 5) 50–59 Starburst (wheel slot 6) 60–69 Beams (wheel slot 7) 70–77 Fuze Profile GW02 07 (wheel slot 8) 78–93 Puddles (wheel slot 2) 94–109 Broken Dreams (wheel slot 3) 110–125 Sunset City (wheel slot 4) 126–141 Highway Math (wheel slot 5) 142–157 Starburst (wheel slot 6) 158–173 Beams (wheel slot 7) 174–189 Fuze Profile GW02 07 (wheel slot 8) 190–221 Gobo Wheel Rotation CW Fast to Slow 222–223 Stop 224–255 Gobo Wheel Rotation CCW Slow to Fast

Extended Pan630 (continued)

Ch	Function	Default	DMX values
22	Prism	0	0–63 Open (wheel slot 1) 64–95 4-Facet Circular Prism (wheel slot 2) 96–127 Idle (wheel slot 1) 128–135 Prism/Gobo Macro1 (wheel slot 1) 136–143 Prism/Gobo Macro2 (wheel slot 1) 144–151 Prism/Gobo Macro3 (wheel slot 1) 152–159 Prism/Gobo Macro4 (wheel slot 1) 160–167 Prism/Gobo Macro5 (wheel slot 1) 168–175 Prism/Gobo Macro6 (wheel slot 1) 176–183 Prism/Gobo Macro7 (wheel slot 1) 184–191 Prism/Gobo Macro8 (wheel slot 1) 192–199 Prism/Gobo Macro9 (wheel slot 1) 200–207 Prism/Gobo Macro10 (wheel slot 1) 208–215 Prism/Gobo Macro11 (wheel slot 1) 216–223 Prism/Gobo Macro12 (wheel slot 1) 224–231 Prism/Gobo Macro13 (wheel slot 1) 232–239 Prism/Gobo Macro14 (wheel slot 1) 240–247 Prism/Gobo Macro15 (wheel slot 1) 248–255 Prism/Gobo Macro16 (wheel slot 1)
23	Prism Rotation	0	0–126 Prism Indexing 127–189 Prism Rotation CW Fast to Slow 190–193 No Rotation 194–255 Prism Rotation CCW Slow to Fast
24	Prism Rotation Fine	0	Fine byte of Prism Rotation
25	Focus	127	
26	Focus Fine	255	Fine byte of Focus
27	Zoom	127	
28	Zoom Fine	255	Fine byte of Zoom
29	Shutter / Strobe	50	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)
30	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
31	Dimmer Fine	0	Fine byte of Dimmer

Extended Pan630 (continued)

Ch	Function	Default	DMX values
32	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
33	Iris	0	0–191 Max to Min Diameter 192–223 Pulse Opening Fast to Slow 224–255 Pulse Closing Slow to Fast
34	Iris Fine	0	Fine byte of Iris
35	Frost1	0	
36	Animation Wheel1	0	0–7 Open 8–255 Animation Min to Max (wheel slot 1)
37	Animation Wheel1Pos	0	0–127 Animation Indexing 128–189 Animation Rotation CW Fast to Slow 190–193 No Rotation 194–255 Animation Rotation CCW Slow to Fast
38	Blade1A	0	
39	Blade1A Fine	0	Fine byte of Blade1A
40	Blade1B	0	
41	Blade1B Fine	0	Fine byte of Blade1B
42	Blade2A	0	
43	Blade2A Fine	0	Fine byte of Blade2A
44	Blade2B	0	
45	Blade2B Fine	0	Fine byte of Blade2B
46	Blade3A	0	
47	Blade3A Fine	0	Fine byte of Blade3A
48	Blade3B	0	
49	Blade3B Fine	0	Fine byte of Blade3B
50	Blade4A	0	
51	Blade4A Fine	0	Fine byte of Blade4A
52	Blade4B	0	
53	Blade4B Fine	0	Fine byte of Blade4B

Extended Pan630 (continued)

Ch	Function	Default	DMX values
54	Shaper Rot	127	0–126 Min (-60 degrees) 127–128 Parallel (0 degrees) 129–255 Max (+60 degrees)
55	Shaper Rot Fine	127	Fine byte of Shaper Rot
56	Shaper Macros Speed	0	
57	Shaper Macros	0	0–7 OFF 8–15 Framing Macro 1 16–23 Framing Macro 2 24–31 Framing Macro 3 32–39 Framing Macro 4 40–47 Framing Macro 5 48–55 Framing Macro 6 56–63 Framing Macro 7 64–71 Framing Macro 8 72–79 Framing Macro 9 80–87 Framing Macro 10 88–95 Framing Macro 11 96–103 Framing Macro 12 104–111 Framing Macro 13 112–119 Framing Macro 14 120–127 Framing Macro 15 128–135 Framing Macro 16 136–143 Framing Macro 17 144–151 Framing Macro 18 152–159 Framing Macro 19 160–167 Framing Macro 20 168–175 Framing Macro 21 176–183 Framing Macro 22 184–191 Framing Macro 23 192–199 Framing Macro 24 200–207 Framing Macro 25 208–215 Framing Macro 26 216–223 Framing Macro 27 224–231 Framing Macro 28 232–239 Framing Macro 29 240–247 Framing Macro 30 248–255 Framing Macro 31
58	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by Movement 236–245 Blackout by All Wheel Changing 246–255 No Function
59	Control1	0	

Fixture model: gdtf-elation-fuze-profile-88718
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…