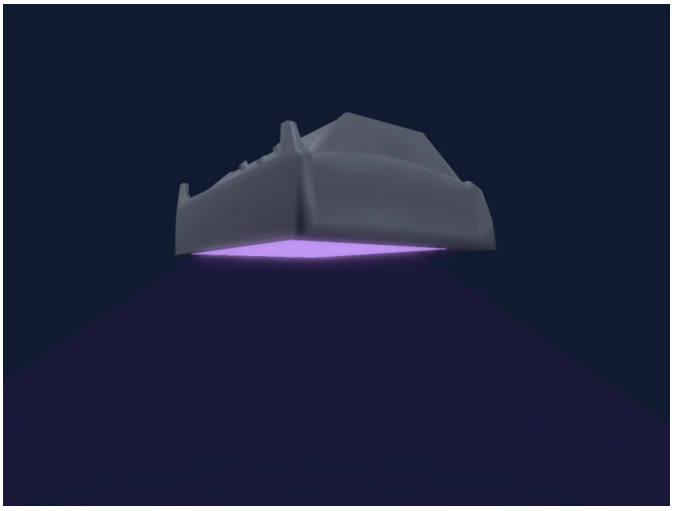
Elation

KL Panel



Manufacturer	**Elation**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**1, 4, 6, 7, 12, 14, 23 channels**
Beam angle	**111°**
Size (W × H × D)	**430 × 150 × 305 mm**
GDTF fixture type	**5BA70367-2D2B-4105-B6E0-A3…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

1Ch Dimm	1 ch
4Ch Dimm Color	4 ch
4Ch HSI	4 ch
6Ch RGBWLC	6 ch
7Ch Dimm Color FX	7 ch
12Ch HSI Ext	12 ch
12Ch RGBWLC 16bit	12 ch
14Ch Std	14 ch
23Ch Ext	23 ch

1Ch Dimm

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

4Ch Dimm Color

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer

4Ch Dimm Color (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–19 Open 20–20 2000 (wheel slot 2) 21–21 2100 (wheel slot 3) 22–22 2200 (wheel slot 4) 23–23 2300 (wheel slot 5) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–100 8200 (wheel slot 64)

4Ch Dimm Color (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	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 No Function 180–201 Clockwise fast to slow 202–207 Stop

4Ch HSI

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer
3	H SBHue	0	
4	H SBSaturation	0	

6Ch RGBWLC

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Color Add GY	0	
6	Color Add GC	0	

7Ch Dimm Color FX

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Dimmer Fine	0	Fine byte of Dimmer

7Ch Dimm Color FX (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–19 Open 20–20 2000 (wheel slot 2) 21–21 2100 (wheel slot 3) 22–22 2200 (wheel slot 4) 23–23 2300 (wheel slot 5) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–100 8200 (wheel slot 64)

7Ch Dimm Color FX (continued)

Ch	Function	Default	DMX values
4	Color Wheel 2	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 No Function 180–201 Clockwise fast to slow 202–207 Stop

7Ch Dimm Color FX (continued)

Ch	Function	Default	DMX values
5	Color Effects1	0	
6	Effects1Adjust1	0	
7	Effects1Pos	0	0–0 Idle 1–1 Fixture Offset 10 2–2 Fixture Offset 20 3–3 Fixture Offset 30 4–4 Fixture Offset 40 5–5 Fixture Offset 50 6–6 Fixture Offset 60 7–7 Fixture Offset 70 8–8 Fixture Offset 80 9–9 Fixture Offset 90 10–10 Fixture Offset 100 11–11 Fixture Offset 110 12–12 Fixture Offset 120 13–13 Fixture Offset 130 14–14 Fixture Offset 140 15–15 Fixture Offset 150 16–16 Fixture Offset 160 17–17 Fixture Offset 170 18–18 Fixture Offset 180 19–19 Fixture Offset 190 20–20 Fixture Offset 200 21–21 Fixture Offset 210 22–22 Fixture Offset 220 23–23 Fixture Offset 230 24–24 Fixture Offset 240 25–25 Fixture Offset 250 26–26 Fixture Offset 260 27–27 Fixture Offset 270 28–28 Fixture Offset 280 29–29 Fixture Offset 290 30–30 Fixture Offset 300 31–31 Fixture Offset 310 32–32 Fixture Offset 320 33–33 Fixture Offset 330 34–34 Fixture Offset 340 35–35 Fixture Offset 350 36–36 Syncronized 37–100 No function 101–120 Random Fixture Offset 121–140 Random Pixel Order 141–255 Random Steps

12Ch HSI Ext

12 channels

Ch	Function	Default	DMX values
1	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)
2	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent

12Ch HSI Ext (continued)

Ch	Function	Default	DMX values
3	Dimmer Fine	0	Fine byte of Dimmer
4	H SBHue	0	
5	H SBSaturation	0	

12Ch HSI Ext (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–19 Open 20–20 2000 (wheel slot 2) 21–21 2100 (wheel slot 3) 22–22 2200 (wheel slot 4) 23–23 2300 (wheel slot 5) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–100 8200 (wheel slot 64)

12Ch HSI Ext (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	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 No Function 180–201 Clockwise fast to slow 202–207 Stop

12Ch HSI Ext (continued)

Ch	Function	Default	DMX values
8	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
9	Function	0	
10	Effect	0	
11	Effects1Adjust1	0	

12Ch HSI Ext (continued)

Ch	Function	Default	DMX values
12	Effects1Pos	0	0–0 Idle4 1–1 Fixture Offset 10 2–2 Fixture Offset 20 3–3 Fixture Offset 30 4–4 Fixture Offset 40 5–5 Fixture Offset 50 6–6 Fixture Offset 60 7–7 Fixture Offset 70 8–8 Fixture Offset 80 9–9 Fixture Offset 90 10–10 Fixture Offset 100 11–11 Fixture Offset 110 12–12 Fixture Offset 120 13–13 Fixture Offset 130 14–14 Fixture Offset 140 15–15 Fixture Offset 150 16–16 Fixture Offset 160 17–17 Fixture Offset 170 18–18 Fixture Offset 180 19–19 Fixture Offset 190 20–20 Fixture Offset 200 21–21 Fixture Offset 210 22–22 Fixture Offset 220 23–23 Fixture Offset 230 24–24 Fixture Offset 240 25–25 Fixture Offset 250 26–26 Fixture Offset 260 27–27 Fixture Offset 270 28–28 Fixture Offset 280 29–29 Fixture Offset 290 30–30 Fixture Offset 300 31–31 Fixture Offset 310 32–32 Fixture Offset 320 33–33 Fixture Offset 330 34–34 Fixture Offset 340 35–35 Fixture Offset 350 36–36 Syncronized 37–100 No function 101–120 Random Fixture Offset 121–140 Random Pixel Order 141–255 Random Steps

12Ch RGBWLC 16bit

12 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	Color Add GY	0	
10	Color Add GY Fine	0	Fine byte of Color Add GY
11	Color Add GC	0	
12	Color Add GC Fine	0	Fine byte of Color Add GC

14Ch Std

14 channels

Ch	Function	Default	DMX values
1	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)
2	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
3	Dimmer Fine	0	Fine byte of Dimmer
4	Red	255	
5	Green	255	
6	Blue	255	

14Ch Std (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–19 Open 20–20 2000 (wheel slot 2) 21–21 2100 (wheel slot 3) 22–22 2200 (wheel slot 4) 23–23 2300 (wheel slot 5) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–100 8200 (wheel slot 64)

14Ch Std (continued)

Ch	Function	Default	DMX values
8	Tint	0	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

14Ch Std (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	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 No Function 180–201 Clockwise fast to slow 202–207 Stop

14Ch Std (continued)

Ch	Function	Default	DMX values
10	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
11	Function	0	
12	Effect	0	
13	Effects1Adjust1	0	

14Ch Std (continued)

Ch	Function	Default	DMX values
14	Effects1Pos	0	0–0 Idle4 1–1 Fixture Offset 10 2–2 Fixture Offset 20 3–3 Fixture Offset 30 4–4 Fixture Offset 40 5–5 Fixture Offset 50 6–6 Fixture Offset 60 7–7 Fixture Offset 70 8–8 Fixture Offset 80 9–9 Fixture Offset 90 10–10 Fixture Offset 100 11–11 Fixture Offset 110 12–12 Fixture Offset 120 13–13 Fixture Offset 130 14–14 Fixture Offset 140 15–15 Fixture Offset 150 16–16 Fixture Offset 160 17–17 Fixture Offset 170 18–18 Fixture Offset 180 19–19 Fixture Offset 190 20–20 Fixture Offset 200 21–21 Fixture Offset 210 22–22 Fixture Offset 220 23–23 Fixture Offset 230 24–24 Fixture Offset 240 25–25 Fixture Offset 250 26–26 Fixture Offset 260 27–27 Fixture Offset 270 28–28 Fixture Offset 280 29–29 Fixture Offset 290 30–30 Fixture Offset 300 31–31 Fixture Offset 310 32–32 Fixture Offset 320 33–33 Fixture Offset 330 34–34 Fixture Offset 340 35–35 Fixture Offset 350 36–36 Syncronized 37–100 No function 101–120 Random Fixture Offset 121–140 Random Pixel Order 141–255 Random Steps

23Ch Ext

23 channels

Ch	Function	Default	DMX values
1	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)
2	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
3	Dimmer Fine	0	Fine byte of Dimmer
4	Red	255	

23Ch Ext (continued)

Ch	Function	Default	DMX values
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	White	255	
11	White Fine	255	Fine byte of White
12	Color Add GY	255	
13	Color Add GY Fine	255	Fine byte of Color Add GY
14	Color Add GC	255	
15	Color Add GC Fine	255	Fine byte of Color Add GC

23Ch Ext (continued)

Ch	Function	Default	DMX values
16	Color Wheel	0	0–19 Open (wheel slot 1) 20–20 2000 (wheel slot 2) 21–21 2100 (wheel slot 3) 22–22 2200 (wheel slot 4) 23–23 2300 (wheel slot 5) 24–24 2400 (wheel slot 6) 25–25 2500 (wheel slot 7) 26–26 2600 (wheel slot 8) 27–27 2700 (wheel slot 9) 28–28 2800 (wheel slot 10) 29–29 2900 (wheel slot 11) 30–30 3000 (wheel slot 12) 31–31 3100 (wheel slot 13) 32–32 3200 (wheel slot 14) 33–33 3300 (wheel slot 15) 34–34 3400 (wheel slot 16) 35–35 3500 (wheel slot 17) 36–36 3600 (wheel slot 18) 37–37 3700 (wheel slot 19) 38–38 3800 (wheel slot 20) 39–39 3900 (wheel slot 21) 40–40 4000 (wheel slot 22) 41–41 4100 (wheel slot 23) 42–42 4200 (wheel slot 24) 43–43 4300 (wheel slot 25) 44–44 4400 (wheel slot 26) 45–45 4500 (wheel slot 27) 46–46 4600 (wheel slot 28) 47–47 4700 (wheel slot 29) 48–48 4800 (wheel slot 30) 49–49 4900 (wheel slot 31) 50–50 5000 (wheel slot 32) 51–51 5100 (wheel slot 33) 52–52 5200 (wheel slot 34) 53–53 5300 (wheel slot 35) 54–54 5400 (wheel slot 36) 55–55 5500 (wheel slot 37) 56–56 56000 (wheel slot 38) 57–57 5700 (wheel slot 39) 58–58 5800 (wheel slot 40) 59–59 5900 (wheel slot 41) 60–60 6000 (wheel slot 42) 61–61 6100 (wheel slot 43) 62–62 6200 (wheel slot 44) 63–63 6300 (wheel slot 45) 64–64 6400 (wheel slot 46) 65–65 6500 (wheel slot 47) 66–66 6600 (wheel slot 48) 67–67 6700 (wheel slot 49) 68–68 6800 (wheel slot 50) 69–69 6900 (wheel slot 51) 70–70 7000 (wheel slot 52) 71–71 7100 (wheel slot 53) 72–72 7200 (wheel slot 54) 73–73 7300 (wheel slot 55) 74–74 7400 (wheel slot 56) 75–75 7500 (wheel slot 57) 76–76 7600 (wheel slot 58) 77–77 7700 (wheel slot 59) 78–78 7800 (wheel slot 60) 79–79 7900 (wheel slot 61) 80–80 8000 (wheel slot 62) 81–81 8100 (wheel slot 63) 82–100 8200 (wheel slot 64)

23Ch Ext (continued)

Ch	Function	Default	DMX values
17	Tint	9	0–0 Idle 1–127 Full Minus Green to Neutral 128–128 Neutral White 129–255 Neutral to Full Plus Green

23Ch Ext (continued)

Ch	Function	Default	DMX values
18	Color Wheel 2	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 No Function 180–201 Clockwise fast to slow 202–207 Stop

23Ch Ext (continued)

Ch	Function	Default	DMX values
19	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
20	Function	0	
21	Effect	0	
22	Effects1Adjust1	0	

23Ch Ext (continued)

Ch	Function	Default	DMX values
23	Effects1Pos	0	0–0 Idle 1–1 Fixture Offset 10 2–2 Fixture Offset 20 3–3 Fixture Offset 30 4–4 Fixture Offset 40 5–5 Fixture Offset 50 6–6 Fixture Offset 60 7–7 Fixture Offset 70 8–8 Fixture Offset 80 9–9 Fixture Offset 90 10–10 Fixture Offset 100 11–11 Fixture Offset 110 12–12 Fixture Offset 120 13–13 Fixture Offset 130 14–14 Fixture Offset 140 15–15 Fixture Offset 150 16–16 Fixture Offset 160 17–17 Fixture Offset 170 18–18 Fixture Offset 180 19–19 Fixture Offset 190 20–20 Fixture Offset 200 21–21 Fixture Offset 210 22–22 Fixture Offset 220 23–23 Fixture Offset 230 24–24 Fixture Offset 240 25–25 Fixture Offset 250 26–26 Fixture Offset 260 27–27 Fixture Offset 270 28–28 Fixture Offset 280 29–29 Fixture Offset 290 30–30 Fixture Offset 300 31–31 Fixture Offset 310 32–32 Fixture Offset 320 33–33 Fixture Offset 330 34–34 Fixture Offset 340 35–35 Fixture Offset 350 36–36 Syncronized 37–100 No function 101–120 Random Fixture Offset 121–140 Random Pixel Order 141–255 Random Steps