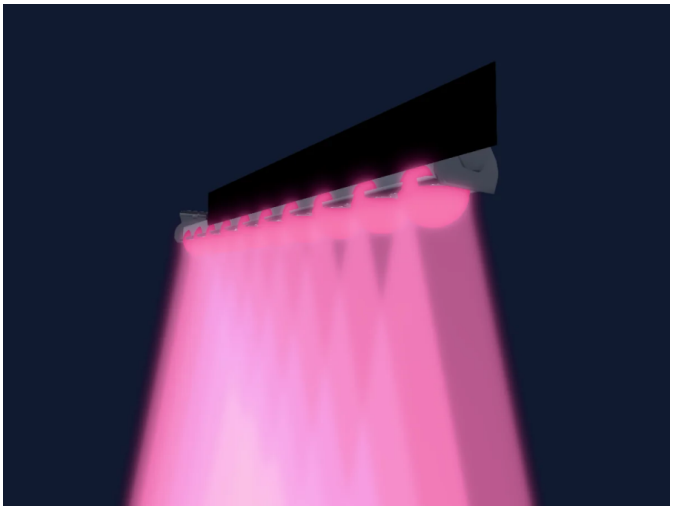
Elation

Seven Batten 72



Manufacturer	**Elation**
Type	**LED bar**
DMX modes	**12**
DMX footprint	**3, 4, 7, 10, 14, 15, 16, 38, 70, 72, 78 channels**
Beam angle	**23°**
Heads / cells	**11**
Size (W × H × D)	**1790 × 130 × 140 mm**
GDTF fixture type	**F914652C-1A59-4F8D-8163-04…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

RGB 3CH	3 ch
RGBSeven 3CH	3 ch
HSI 4CH	4 ch
8Bit 7CH	7 ch
HSI Mast 10CH	10 ch
16Bit 14CH	14 ch
Ext 15CH	15 ch
16bit + Dim 16CH	16 ch
HSI Cell 38CH	38 ch
Cells 70CH	70 ch
Cells Dim 72CH	72 ch
Ext Cells 78CH	78 ch

RGB 3CH

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
2	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
3	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue

RGBSeven 3CH

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
2	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
3	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue

HSI 4CH

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	H SBHue	255	0–63 0% Hue 64–127 25% Hue 128–190 50% Hue 191–254 75% Hue 255–255 100% Hue

HSI 4CH (continued)

Ch	Function	Default	DMX values
4	H SBSaturation	255	0–63 0% Saturation 64–127 25% Saturation 128–190 50% Saturation 191–254 75% Saturation 255–255 100% Saturation

8Bit 7CH

7 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
2	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
3	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
4	White	0	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White
5	Color Add RY	0	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
6	Color Add GC	0	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
7	UV	0	0–63 0% UV 64–127 25% UV 128–190 50% UV 191–254 75% UV 255–255 100% UV

HSI Mast 10CH

10 channels

Ch	Function	Default	DMX values

HSI Mast 10CH (continued)

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)
2	H SBBrightness	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
3	H SBBrightness Fine	0	Fine byte of H SBBrightness
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–255 DEFAULT TO UNIT SETTING
5	Effect	0	0–19 No Function 20–39 PROGRAM 01 40–59 PROGRAM 02 60–79 PROGRAM 03 80–99 PROGRAM 04 100–119 PROGRAM 05 120–139 PROGRAM 06 140–159 PROGRAM 07 160–179 PROGRAM 08 180–199 PROGRAM 09 200–219 PROGRAM 10 220–239 PROGRAM 11 240–255 PROGRAM 12
6	Effect Speed	0	
7	Effects1Fade	0	

HSI Mast 10CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macro 16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

HSI Mast 10CH (continued)

Ch	Function	Default	DMX values
9	H SBHue	255	0–63 0% Hue 64–127 25% Hue 128–190 50% Hue 191–254 75% Hue 255–255 100% Hue
10	H SBSaturation	255	0–63 0% Saturation 64–127 25% Saturation 128–190 50% Saturation 191–254 75% Saturation 255–255 100% Saturation

16Bit 14CH

14 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
2	Red Fine	255	Fine byte of Red
3	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
4	Green Fine	255	Fine byte of Green
5	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
6	Blue Fine	255	Fine byte of Blue
7	White	0	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White
8	White Fine	0	Fine byte of White
9	Color Add RY	0	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GC	0	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
12	Color Add GC Fine	0	Fine byte of Color Add GC
13	UV	0	0–63 0% UV 64–127 25% UV 128–190 50% UV 191–254 75% UV 255–255 100% UV
14	UV Fine	0	Fine byte of UV

Ext 15CH

15 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)
2	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–255 DEFAULT TO UNIT SETTING
5	Effect	0	0–19 No Function 20–39 PROGRAM 01 40–59 PROGRAM 02 60–79 PROGRAM 03 80–99 PROGRAM 04 100–119 PROGRAM 05 120–139 PROGRAM 06 140–159 PROGRAM 07 160–179 PROGRAM 08 180–199 PROGRAM 09 200–219 PROGRAM 10 220–239 PROGRAM 11 240–255 PROGRAM 12
6	Effect Speed	0	
7	Effects1Fade	0	

Ext 15CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macro 16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

Ext 15CH (continued)

Ch	Function	Default	DMX values
9	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red
10	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
11	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
12	White	0	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White
13	Color Add RY	0	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
14	Color Add GC	0	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
15	UV	0	0–63 0% UV 64–127 25% UV 128–190 50% UV 191–254 75% UV 255–255 100% UV

16bit + Dim 16CH

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–63 0% Red 64–127 25% Red 128–190 50% Red 191–254 75% Red 255–255 100% Red

16bit + Dim 16CH (continued)

Ch	Function	Default	DMX values
4	Red Fine	255	Fine byte of Red
5	Green	255	0–63 0% Green 64–127 25% Green 128–190 50% Green 191–254 75% Green 255–255 100% Green
6	Green Fine	255	Fine byte of Green
7	Blue	255	0–63 0% Blue 64–127 25% Blue 128–190 50% Blue 191–254 75% Blue 255–255 100% Blue
8	Blue Fine	255	Fine byte of Blue
9	White	0	0–63 0% White 64–127 25% White 128–190 50% White 191–254 75% White 255–255 100% White
10	White Fine	0	Fine byte of White
11	Color Add RY	0	0–63 0% Amber 64–127 25% Amber 128–190 50% Amber 191–254 75% Amber 255–255 100% Amber
12	Color Add RY Fine	0	Fine byte of Color Add RY
13	Color Add GC	0	0–63 0% Lime 64–127 25% Lime 128–190 50% Lime 191–254 75% Lime 255–255 100% Lime
14	Color Add GC Fine	0	Fine byte of Color Add GC
15	UV	0	0–63 0% UV 64–127 25% UV 128–190 50% UV 191–254 75% UV 255–255 100% UV
16	UV Fine	0	Fine byte of UV

HSI Cell 38CH

38 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
2	Dimmer	0	0–24 0% 25–50 10% 51–63 20% 64–75 25% 76–101 30% 102–127 40% 128–152 50% 153–178 60% 179–190 70% 191–203 75% 204–229 80% 230–254 90% 255–255 100%
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–120 Stage 2 121–255 DEFAULT TO UNIT SETTING
5	Effect	0	0–19 No Function 20–39 PROGRAM 01 40–59 PROGRAM 02 60–79 PROGRAM 03 80–99 PROGRAM 04 100–119 PROGRAM 05 120–139 PROGRAM 06 140–159 PROGRAM 07 160–179 PROGRAM 08 180–199 PROGRAM 09 200–219 PROGRAM 10 220–239 PROGRAM 11 240–255 PROGRAM 12
6	Effect Speed	0	
7	Effects1Fade	0	

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macro 16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
9	H SBHue	255	0–63 0% Hue 1 64–127 25% Hue 1 128–190 50% Hue 1 191–254 75% Hue 1 255–255 100% Hue 1
10	H SBSaturation	255	0–63 0% Saturation 1 64–127 25% Saturation 1 128–190 50% Saturation 1 191–254 75% Saturation 1 255–255 100% Saturation 1
11	H SBBrightness	0	0–24 0% Brightness 1 25–50 10% Brightness 1 51–63 20% Brightness 1 64–75 25% Brightness 1 76–101 30% Brightness 1 102–127 40% Brightness 1 128–152 50% Brightness 1 153–178 60% Brightness 1 179–190 70% Brightness 1 191–203 75% Brightness 1 204–229 80% Brightness 1 230–254 90% Brightness 1 255–255 100% Brightness 1
12	H SBHue	255	0–63 0% Hue 2 64–127 25% Hue 2 128–190 50% Hue 2 191–254 75% Hue 2 255–255 100% Hue 2
13	H SBSaturation	255	0–63 0% Saturation 2 64–127 25% Saturation 2 128–190 50% Saturation 2 191–254 75% Saturation 2 255–255 100% Saturation 2
14	H SBBrightness	0	0–24 0% Brightness 2 25–50 10% Brightness 2 51–63 20% Brightness 2 64–75 25% Brightness 2 76–101 30% Brightness 2 102–127 40% Brightness 2 128–152 50% Brightness 2 153–178 60% Brightness 2 179–190 70% Brightness 2 191–203 75% Brightness 2 204–229 80% Brightness 2 230–254 90% Brightness 2 255–255 100% Brightness 2
15	H SBHue	255	0–63 0% Hue 3 64–127 25% Hue 3 128–190 50% Hue 3 191–254 75% Hue 3 255–255 100% Hue 3
16	H SBSaturation	255	0–63 0% Saturation 3 64–127 25% Saturation 3 128–190 50% Saturation 3 191–254 75% Saturation 3 255–255 100% Saturation 3

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
17	H SBBrightness	0	0–24 0% Brightness 3 25–50 10% Brightness 3 51–63 20% Brightness 3 64–75 25% Brightness 3 76–101 30% Brightness 3 102–127 40% Brightness 3 128–152 50% Brightness 3 153–178 60% Brightness 3 179–190 70% Brightness 3 191–203 75% Brightness 3 204–229 80% Brightness 3 230–254 90% Brightness 3 255–255 100% Brightness 3
18	H SBHue	255	0–63 0% Hue 4 64–127 25% Hue 4 128–190 50% Hue 4 191–254 75% Hue 4 255–255 100% Hue 4
19	H SBSaturation	255	0–63 0% Saturation 4 64–127 25% Saturation 4 128–190 50% Saturation 4 191–254 75% Saturation 4 255–255 100% Saturation 4
20	H SBBrightness	0	0–24 0% Brightness 4 25–50 10% Brightness 4 51–63 20% Brightness 4 64–75 25% Brightness 4 76–101 30% Brightness 4 102–127 40% Brightness 4 128–152 50% Brightness 4 153–178 60% Brightness 4 179–190 70% Brightness 4 191–203 75% Brightness 4 204–229 80% Brightness 4 230–254 90% Brightness 4 255–255 100% Brightness 4
21	H SBHue	255	0–63 0% Hue 5 64–127 25% Hue 5 128–190 50% Hue 5 191–254 75% Hue 5 255–255 100% Hue 5
22	H SBSaturation	255	0–63 0% Saturation 5 64–127 25% Saturation 5 128–190 50% Saturation 5 191–254 75% Saturation 5 255–255 100% Saturation 5
23	H SBBrightness	0	0–24 0% Brightness 5 25–50 10% Brightness 5 51–63 20% Brightness 5 64–75 25% Brightness 5 76–101 30% Brightness 5 102–127 40% Brightness 5 128–152 50% Brightness 5 153–178 60% Brightness 5 179–190 70% Brightness 5 191–203 75% Brightness 5 204–229 80% Brightness 5 230–254 90% Brightness 5 255–255 100% Brightness 5

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
24	H SBHue	255	0–63 0% Hue 6 64–127 25% Hue 6 128–190 50% Hue 6 191–254 75% Hue 6 255–255 100% Hue 6
25	H SBSaturation	255	0–63 0% Saturation 6 64–127 25% Saturation 6 128–190 50% Saturation 6 191–254 75% Saturation 6 255–255 100% Saturation 6
26	H SBBrightness	0	0–24 0% Brightness 6 25–50 10% Brightness 6 51–63 20% Brightness 6 64–75 25% Brightness 6 76–101 30% Brightness 6 102–127 40% Brightness 6 128–152 50% Brightness 6 153–178 60% Brightness 6 179–190 70% Brightness 6 191–203 75% Brightness 6 204–229 80% Brightness 6 230–254 90% Brightness 6 255–255 100% Brightness 6
27	H SBHue	255	0–63 0% Hue 7 64–127 25% Hue 7 128–190 50% Hue 7 191–254 75% Hue 7 255–255 100% Hue 7
28	H SBSaturation	255	0–63 0% Saturation 7 64–127 25% Saturation 7 128–190 50% Saturation 7 191–254 75% Saturation 7 255–255 100% Saturation 7
29	H SBBrightness	0	0–24 0% Brightness 7 25–50 10% Brightness 7 51–63 20% Brightness 7 64–75 25% Brightness 7 76–101 30% Brightness 7 102–127 40% Brightness 7 128–152 50% Brightness 7 153–178 60% Brightness 7 179–190 70% Brightness 7 191–203 75% Brightness 7 204–229 80% Brightness 7 230–254 90% Brightness 7 255–255 100% Brightness 7
30	H SBHue	255	0–63 0% Hue 8 64–127 25% Hue 8 128–190 50% Hue 8 191–254 75% Hue 8 255–255 100% Hue 8
31	H SBSaturation	255	0–63 0% Saturation 8 64–127 25% Saturation 8 128–190 50% Saturation 8 191–254 75% Saturation 8 255–255 100% Saturation 8

HSI Cell 38CH (continued)

Ch	Function	Default	DMX values
32	H SBBrightness	0	0–24 0% Brightness 8 25–50 10% Brightness 8 51–63 20% Brightness 8 64–75 25% Brightness 8 76–101 30% Brightness 8 102–127 40% Brightness 8 128–152 50% Brightness 8 153–178 60% Brightness 8 179–190 70% Brightness 8 191–203 75% Brightness 8 204–229 80% Brightness 8 230–254 90% Brightness 8 255–255 100% Brightness 8
33	H SBHue	255	0–63 0% Hue 9 64–127 25% Hue 9 128–190 50% Hue 9 191–254 75% Hue 9 255–255 100% Hue 9
34	H SBSaturation	255	0–63 0% Saturation 9 64–127 25% Saturation 9 128–190 50% Saturation 9 191–254 75% Saturation 9 255–255 100% Saturation 9
35	H SBBrightness	0	0–24 0% Brightness 9 25–50 10% Brightness 9 51–63 20% Brightness 9 64–75 25% Brightness 9 76–101 30% Brightness 9 102–127 40% Brightness 9 128–152 50% Brightness 9 153–178 60% Brightness 9 179–190 70% Brightness 9 191–203 75% Brightness 9 204–229 80% Brightness 9 230–254 90% Brightness 9 255–255 100% Brightness 9
36	H SBHue	255	0–63 0% Hue 10 64–127 25% Hue 10 128–190 50% Hue 10 191–254 75% Hue 10 255–255 100% Hue 10
37	H SBSaturation	255	0–63 0% Saturation 10 64–127 25% Saturation 10 128–190 50% Saturation 10 191–254 75% Saturation 10 255–255 100% Saturation 10
38	H SBBrightness	0	0–24 0% Brightness 25–50 10% Brightness 51–63 20% Brightness 64–75 25% Brightness 76–101 30% Brightness 102–127 40% Brightness 128–152 50% Brightness 153–178 60% Brightness 179–190 70% Brightness 191–203 75% Brightness 204–229 80% Brightness 230–254 90% Brightness 255–255 100% Brightness

Cells 70CH

70 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Color Add RY	0	
6	Color Add GC	0	
7	UV	0	
8	Red	255	
9	Green	255	
10	Blue	255	
11	White	0	
12	Color Add RY	0	
13	Color Add GC	0	
14	UV	0	
15	Red	255	
16	Green	255	
17	Blue	255	
18	White	0	
19	Color Add RY	0	
20	Color Add GC	0	
21	UV	0	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	0	
26	Color Add RY	0	
27	Color Add GC	0	
28	UV	0	
29	Red	255	
30	Green	255	
31	Blue	255	
32	White	0	
33	Color Add RY	0	
34	Color Add GC	0	
35	UV	0	
36	Red	255	
37	Green	255	
38	Blue	255	
39	White	0	
40	Color Add RY	0	
41	Color Add GC	0	
42	UV	0	
43	Red	255	
44	Green	255	
45	Blue	255	

Cells 70CH (continued)

Ch	Function	Default	DMX values
46	White	0	
47	Color Add RY	0	
48	Color Add GC	0	
49	UV	0	
50	Red	255	
51	Green	255	
52	Blue	255	
53	White	0	
54	Color Add RY	0	
55	Color Add GC	0	
56	UV	0	
57	Red	255	
58	Green	255	
59	Blue	255	
60	White	0	
61	Color Add RY	0	
62	Color Add GC	0	
63	UV	0	
64	Red	255	
65	Green	255	
66	Blue	255	
67	White	0	
68	Color Add RY	0	
69	Color Add GC	0	
70	UV	0	

Cells Dim 72CH

72 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Color Add RY	0	
8	Color Add GC	0	
9	UV	0	
10	Red	255	
11	Green	255	
12	Blue	255	
13	White	0	
14	Color Add RY	0	
15	Color Add GC	0	
16	UV	0	

Cells Dim 72CH (continued)

Ch	Function	Default	DMX values
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	0	
21	Color Add RY	0	
22	Color Add GC	0	
23	UV	0	
24	Red	255	
25	Green	255	
26	Blue	255	
27	White	0	
28	Color Add RY	0	
29	Color Add GC	0	
30	UV	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	White	0	
35	Color Add RY	0	
36	Color Add GC	0	
37	UV	0	
38	Red	255	
39	Green	255	
40	Blue	255	
41	White	0	
42	Color Add RY	0	
43	Color Add GC	0	
44	UV	0	
45	Red	255	
46	Green	255	
47	Blue	255	
48	White	0	
49	Color Add RY	0	
50	Color Add GC	0	
51	UV	0	
52	Red	255	
53	Green	255	
54	Blue	255	
55	White	0	
56	Color Add RY	0	
57	Color Add GC	0	
58	UV	0	
59	Red	255	
60	Green	255	
61	Blue	255	

Cells Dim 72CH (continued)

Ch	Function	Default	DMX values
62	White	0	
63	Color Add RY	0	
64	Color Add GC	0	
65	UV	0	
66	Red	255	
67	Green	255	
68	Blue	255	
69	White	0	
70	Color Add RY	0	
71	Color Add GC	0	
72	UV	0	

Ext Cells 78CH

78 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	50	0–31 Shutter Closed (1) 32–63 Shutter Open (1) 64–77 Strobe slow 78–92 Strobe mid 93–95 Strobe fast 96–127 Shutter Open (2) 128–140 Pulse slow 141–156 Pulse mid 157–159 Pulse fast 160–191 Shutter Open (3) 192–204 Shutter1StrobeRandom · Str Rnd slow 1–8.35 Hz 205–220 Shutter1StrobeRandom · Str Rnd mid 8.97–18.2 Hz 221–223 Shutter1StrobeRandom · Str Rnd fast 18.8–20 Hz 224–255 Shutter Open (4)
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Dimmer Mode	0	
5	Effect	0	0–19 No Function 20–39 PROGRAM 01 40–59 PROGRAM 02 60–79 PROGRAM 03 80–99 PROGRAM 04 100–119 PROGRAM 05 120–139 PROGRAM 06 140–159 PROGRAM 07 160–179 PROGRAM 08 180–199 PROGRAM 09 200–219 PROGRAM 10 220–239 PROGRAM 11 240–255 PROGRAM 12
6	Effect Speed	0	
7	Effects1Fade	0	

Ext Cells 78CH (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 Open (wheel slot 1) 1–4 Color Macro 1 (wheel slot 2) 5–8 Color Macro 2 (wheel slot 3) 9–12 Color Macro 3 (wheel slot 4) 13–16 Color Macro 4 (wheel slot 5) 17–20 Color Macro 5 (wheel slot 6) 21–24 Color Macro 6 (wheel slot 7) 25–28 Color Macro 7 (wheel slot 8) 29–32 Color Macro 8 (wheel slot 9) 33–36 Color Macro 9 (wheel slot 10) 37–40 Color Macro 10 (wheel slot 11) 41–44 Color Macro 11 (wheel slot 12) 45–48 Color Macro 12 (wheel slot 13) 49–52 Color Macro 13 (wheel slot 14) 53–56 Color Macro 14 (wheel slot 15) 57–60 Color Macro 15 (wheel slot 16) 61–64 Color Macro 16 (wheel slot 17) 65–68 Color Macro 17 (wheel slot 18) 69–72 Color Macro 18 (wheel slot 19) 73–76 Color Macro 19 (wheel slot 20) 77–80 Color Macro 20 (wheel slot 21) 81–84 Color Macro 21 (wheel slot 22) 85–88 Color Macro 22 (wheel slot 23) 89–92 Color Macro 23 (wheel slot 24) 93–96 Color Macro 24 (wheel slot 25) 97–100 Color Macro 25 (wheel slot 26) 101–104 Color Macro 26 (wheel slot 27) 105–108 Color Macro 27 (wheel slot 28) 109–112 Color Macro 28 (wheel slot 29) 113–116 Color Macro 29 (wheel slot 30) 117–120 Color Macro 30 (wheel slot 31) 121–124 Color Macro 31 (wheel slot 32) 125–128 Color Macro 32 (wheel slot 33) 129–132 Color Macro 33 (wheel slot 34) 133–136 Color Macro 34 (wheel slot 35) 137–140 Color Macro 35 (wheel slot 36) 141–144 Color Macro 36 (wheel slot 37) 145–148 Color Macro 37 (wheel slot 38) 149–152 Color Macro 38 (wheel slot 39) 153–156 Color Macro 39 (wheel slot 40) 157–160 Color Macro 40 (wheel slot 41) 161–164 Color Macro 41 (wheel slot 42) 165–168 Color Macro 42 (wheel slot 43) 169–172 Color Macro 43 (wheel slot 44) 173–176 Color Macro 44 (wheel slot 45) 177–180 Color Macro 45 (wheel slot 46) 181–184 Color Macro 46 (wheel slot 47) 185–188 Color Macro 47 (wheel slot 48) 189–192 Color Macro 48 (wheel slot 49) 193–196 Color Macro 49 (wheel slot 50) 197–200 Color Macro 50 (wheel slot 51) 201–204 Color Macro 51 (wheel slot 52) 205–208 Color Macro 52 (wheel slot 53) 209–212 Color Macro 53 (wheel slot 54) 213–216 Color Macro 54 (wheel slot 55) 217–220 Color Macro 55 (wheel slot 56) 221–224 Color Macro 56 (wheel slot 57) 225–228 Color Macro 57 (wheel slot 58) 229–232 Color Macro 58 (wheel slot 59) 233–236 Color Macro 59 (wheel slot 60) 237–240 Color Macro 60 (wheel slot 61) 241–244 Color Macro 61 (wheel slot 62) 245–248 Color Macro 62 (wheel slot 63) 249–252 Color Macro 63 (wheel slot 64)

Ext Cells 78CH (continued)

Ch	Function	Default	DMX values
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	0	
13	Color Add RY	0	
14	Color Add GC	0	
15	UV	0	
16	Red	255	
17	Green	255	
18	Blue	255	
19	White	0	
20	Color Add RY	0	
21	Color Add GC	0	
22	UV	0	
23	Red	255	
24	Green	255	
25	Blue	255	
26	White	0	
27	Color Add RY	0	
28	Color Add GC	0	
29	UV	0	
30	Red	255	
31	Green	255	
32	Blue	255	
33	White	0	
34	Color Add RY	0	
35	Color Add GC	0	
36	UV	0	
37	Red	255	
38	Green	255	
39	Blue	255	
40	White	0	
41	Color Add RY	0	
42	Color Add GC	0	
43	UV	0	
44	Red	255	
45	Green	255	
46	Blue	255	
47	White	0	
48	Color Add RY	0	
49	Color Add GC	0	
50	UV	0	
51	Red	255	
52	Green	255	
53	Blue	255	

Ext Cells 78CH (continued)

Ch	Function	Default	DMX values
54	White	0	
55	Color Add RY	0	
56	Color Add GC	0	
57	UV	0	
58	Red	255	
59	Green	255	
60	Blue	255	
61	White	0	
62	Color Add RY	0	
63	Color Add GC	0	
64	UV	0	
65	Red	255	
66	Green	255	
67	Blue	255	
68	White	0	
69	Color Add RY	0	
70	Color Add GC	0	
71	UV	0	
72	Red	255	
73	Green	255	
74	Blue	255	
75	White	0	
76	Color Add RY	0	
77	Color Add GC	0	
78	UV	0	