Prolights

EclPanelTWC



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**29**
DMX footprint	**1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 15, 17, 20, 21, 33 channels**
Beam angle	**102°**
Pan range	**360°**
Tilt range	**360°**
Size (W × H × D)	**728 × 170 × 344 mm**
GDTF fixture type	**4634F0CC-C15F-40F9-B217-496…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1ch_Theatre	1 ch
2ch_Theatre	2 ch
4ch_Theatre	4 ch
4ch_Tour	4 ch
Film_8Pixel_Direct	4 ch
5ch-1_Theatre	5 ch
5ch-2_Theatre	5 ch
6ch_Theatre	6 ch
6ch_Tour	6 ch
Pixel 2H	7 ch
Pixel 2V	7 ch
Pixel 4H	7 ch
Pixel 4V	7 ch
Pixel 8	7 ch
Pixel1	7 ch
Film_65ch	9 ch
10ch_Theatre	10 ch
10ch_Tour	10 ch
11ch_Tour	11 ch
Film_12ch	12 ch
15ch_Theatre	15 ch
15ch_Tour	15 ch
17ch_Theatre	17 ch
17ch_XY	17 ch

Film_129ch	17 ch
Film_17ch	17 ch
Film_20ch	20 ch
21ch_Theatre	21 ch
Film_33ch	33 ch

1ch_Theatre

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

2ch_Theatre

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

4ch_Theatre

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
4	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

4ch_Tour

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add WW	255	

Film_8Pixel_Direct

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	

5ch-1_Theatre

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
4	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
5	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

5ch-2_Theatre

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
4	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
5	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

6ch_Theatre

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

6ch_Theatre (continued)

Ch	Function	Default	DMX values
2	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
3	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
4	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
5	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
6	Color Macro1	0	0–2 NoFeature 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green+Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue+Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)

6ch_Tour

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add WW	255	
6	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

Pixel 2H

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Pixel 2H (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Pixel 2V

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Pixel 4H

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	

Pixel 4H (continued)

Ch	Function	Default	DMX values
7	Color Add WW	255	

Pixel 4V

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Pixel 8

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Pixel1

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Pixel1 (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Film_65ch

9 channels

Ch	Function	Default	DMX values
1	Control1	0	0–1 NoFeature 2–3 AUTO (Constant Output) 4–5 ON (Constant Output) 6–7 OFF (Constant Output) 8–9 SILENT 1 (Constant Output) 10–11 SILENT 2 (Constant Output) 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 KHz 24–25 36 KHz 26–27 AUTO (Dynamic Output) 28–29 ON (Dynamic Output) 30–31 OFF (Dynamic Output) 32–33 SILENT 1 (Dynamic Output) 34–35 SILENT 2 (Dynamic Output) 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 57–57 DIMMER END SNAP OFF @ END 58–253 Reserved 254–255 Controls Reset
2	Dimmer	0	0–254 Closed 255–255 Open
3	C TC	67	
4	Tint	0	0–10 Neutral 11–133 MinusGreen 134–134 Neutral 135–255 PlusGreen
5	Color Xfade	0	0–254 CTC 255–255 ColorMix

Film_65ch (continued)

Ch	Function	Default	DMX values
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add WW	255	

10ch_Theatre

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add WW	0	
6	C TC	255	0–30 2800K-3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 ColorMix
7	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
8	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
9	Color Macro1	0	0–2 NoFeature 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green+Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue+Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
10	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

10ch_Tour

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	

10ch_Tour (continued)

Ch	Function	Default	DMX values
3	Green	255	
4	Blue	255	
5	Color Add WW	255	
6	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
7	C TC	0	0–5 ColorMix 18–42 2800K 43–67 3200K 68–92 3500K 93–117 4000K 118–142 4500K 143–167 5000K 168–192 5600K 193–217 6000K 218–230 6500K 231–255 ColorMix
8	Effect	0	0–10 NoFeature 11–20 Effect1 21–30 Effect2 31–40 Effect3 41–50 Effect4 51–60 Effect5 61–70 Candle 71–80 CopCar1 81–90 CopCar2 91–100 CopCar3 101–110 Fire 111–120 Fireworks 121–130 Paparazzi 131–140 Television 141–150 Party 151–160 Clouds 161–170 Club 171–180 ColorChase 181–190 Strobe 191–200 Lighting 201–210 Explosion 211–220 Fluorescent 221–230 Process 231–240 Pulsing 241–255 Welding
9	Effect Speed	0	0–126 Slow 127–254 Mid 255–255 Fast
10	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

11ch_Tour

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

11ch_Tour (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW
11	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

Film_12ch

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Film_12ch (continued)

Ch	Function	Default	DMX values
2	C TC	98	0–6 2800K - 3000K 7–13 3000K - 3200K 14–20 3200K - 3400K 21–27 3400K - 3600K 28–34 3600K - 3800K 35–41 3800K - 4000K 42–48 4000K - 4200K 49–55 4200K - 4400K 56–62 4400K - 4600K 63–69 4600K - 4800K 70–76 4800K - 5000K 77–83 5000K - 5200K 84–90 5200K - 5400K 91–97 5400K - 5600K 98–104 5600K - 5800K 105–111 5800K - 6000K 112–118 6000K - 6200K 119–125 6200K - 6400K 126–132 6400K - 6600K 133–139 6600K - 6800K 140–146 6800K - 7000K 147–153 7000K - 7200K 154–160 7200K - 7400K 161–167 7400K - 7600K 168–174 7600K - 7800K 175–181 7800K - 8000K 182–188 8000K - 8200K 189–195 8200K - 8400K 196–202 8400K - 8600K 203–209 8600K - 8800K 210–216 8800K - 9000K 217–223 9000K - 9200K 224–230 9200K - 9400K 231–237 9400K - 9600K 238–244 9600K - 9800K 245–255 9800K - 10000K
3	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
4	Color Xfade	0	0–254 CTC 255–255 ColorMix
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
9	Fans	0	0–9 AsFromMenu 10–57 QUIET 1 Mode 58–105 AUTO Mode 106–153 TURBO Mode 154–201 Reserved 202–249 QUIET 2 Mode 250–255 OFF Mode
10	Color Macro1	0	
11	Shutter / Strobe	0	0–19 Open 20–254 Strobe · Slow 1–24.9 Hz 255–255 Strobe · Fast 25 Hz

Film_12ch (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–1 NoFeature 2–3 AUTO (Constant Output) 4–5 ON (Constant Output) 6–7 OFF (Constant Output) 8–9 SILENT 1 (Constant Output) 10–11 SILENT 2 (Constant Output) 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 kHz 24–25 36 kHz 26–27 AUTO (Dynamic Output) 28–29 TURBO (Dynamic Output) 30–31 OFF (Dynamic Output) 32–33 QUIET 1 (Dynamic Output) 34–35 QUIET 2 (Dynamic Output) 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 56–57 DIMMER END FADE OFF @ END 58–253 Reserved 254–255 Reset All Control Channel

15ch_Theatre

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW
11	C TC	255	0–30 2800K-3200K 31–60 3200K-3500K 61–90 3500K-4000K 91–120 4000K-4500K 121–150 4500K-5000K 151–180 5000K-5600K 181–210 5600K-6000K 211–240 6000K-6500K 241–255 ColorMix

15ch_Theatre (continued)

Ch	Function	Default	DMX values
12	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
13	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open
14	Color Macro1	0	0–2 NoFeature 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green+Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue+Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
15	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

15ch_Tour

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add WW	255	
10	Color Add WW Fine	255	Fine byte of Color Add WW
11	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

15ch_Tour (continued)

Ch	Function	Default	DMX values
12	C TC	0	0–5 ColorMix 18–42 2800K 43–67 3200K 68–92 3500K 93–117 4000K 118–142 4500K 143–167 5000K 168–192 5600K 193–217 6000K 218–230 6500K 231–255 ColorMix
13	Effect	0	0–10 NoFeature 11–20 Effect1 21–30 Effect2 31–40 Effect3 41–50 Effect4 51–60 Effect5 61–70 Candle 71–80 CopCar1 81–90 CopCar2 91–100 CopCar3 101–110 Fire 111–120 Fireworks 121–130 Paparazzi 131–140 Television 141–150 Party 151–160 Clouds 161–170 Club 171–180 ColorChase 181–190 Strobe 191–200 Lighting 201–210 Explosion 211–220 Fluorescent 221–230 Process 231–240 Pulsing 241–255 Welding
14	Effect Speed	0	0–126 Slow 127–254 Mid 255–255 Fast
15	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

17ch_Theatre

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

17ch_Theatre (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
5	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
6	Color Xfade	255	0–254 CTC 255–255 ColorMix
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	0–2 NoFeature 3–5 AmberShiftOn 6–40 Red (wheel slot 1) 41–75 Red+Green (wheel slot 2) 76–109 Green (wheel slot 3) 110–145 Green+Blue (wheel slot 4) 146–180 Blue (wheel slot 5) 181–215 Blue+Red (wheel slot 6) 216–254 Red 1 (wheel slot 7) 255–255 RGB (wheel slot 8)
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on
17	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

17ch_XY

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	101	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

17ch_XY (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–1 NoFeature 2–9 2800K - 3000K 10–16 3000K - 3200K 17–23 3200K - 3400K 24–30 3400K - 3600K 31–37 3600K - 3800K 38–44 3800K - 4000K 45–51 4000K - 4200K 52–58 4200K - 4400K 59–65 4400K - 4600K 66–72 4600K - 4800K 73–79 4800K - 5000K 80–86 5000K - 5200K 87–93 5200K - 5400K 94–100 5400K - 5600K 101–107 5600K - 5800K 108–114 5800K - 6000K 115–121 6000K - 6200K 122–128 6200K - 6400K 129–135 6400K - 6600K 136–142 6600K - 6800K 143–149 6800K - 7000K 150–156 7000K - 7200K 157–163 7200K - 7400K 164–170 7400K - 7600K 171–177 7600K - 7800K 178–184 7800K - 8000K 185–191 8000K - 8200K 192–198 8200K - 8400K 199–205 8400K - 8600K 206–212 8600K - 8800K 213–219 8800K - 9000K 220–226 9000K - 9200K 227–233 9200K - 9400K 234–240 9400K - 9600K 241–247 9600K - 9800K 248–255 9800K - 10000K
5	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
6	C IEX	128	
7	C IEX Fine	0	Fine byte of C IEX
8	C IEY	128	
9	C IEY Fine	0	Fine byte of C IEY
10	X YCrossfade	0	0–254 Layer_1 255–255 Layer_2
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on

17ch_XY (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–1 NoFeature 2–3 AUTO (Constant Output) 4–5 ON (Constant Output) 6–7 OFF (Constant Output) 8–9 SILENT 1 (Constant Output) 10–11 SILENT 2 (Constant Output) 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 KHz 24–25 36 KHz 26–27 AUTO (Dynamic Output) 28–29 ON (Dynamic Output) 30–31 OFF (Dynamic Output) 32–33 QUIET 1 (Dynamic Output) 34–35 QUIET 2 (Dynamic Output) 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 57–57 DIMMER END SNAP OFF @ END 58–253 Reserved 254–255 Controls Reset

Film_129ch

17 channels

Ch	Function	Default	DMX values

Film_129ch (continued)

Ch	Function	Default	DMX values
1	Control1	0	0–1 NoFeature 2–3 AUTO (Constant Output) 4–5 ON (Constant Output) 6–7 OFF (Constant Output) 8–9 SILENT 1 (Constant Output) 10–11 SILENT 2 (Constant Output) 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 KHz 24–25 36 KHz 26–27 AUTO (Dynamic Output) 28–29 ON (Dynamic Output) 30–31 OFF (Dynamic Output) 32–33 SILENT 1 (Dynamic Output) 34–35 SILENT 2 (Dynamic Output) 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 57–57 DIMMER END SNAP OFF @ END 58–253 Reserved 254–255 Controls Reset
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	C TC	67	
5	C TC Fine	67	Fine byte of C TC
6	Tint	0	0–10 Neutral 11–133 MinusGreen 134–134 Neutral 135–255 PlusGreen
7	Tint Fine	0	Fine byte of Tint
8	Color Xfade	0	0–254 CTC 255–255 ColorMix
9	Color Xfade Fine	0	Fine byte of Color Xfade
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	
13	Green Fine	255	Fine byte of Green
14	Blue	255	
15	Blue Fine	255	Fine byte of Blue
16	Color Add WW	255	
17	Color Add WW Fine	255	Fine byte of Color Add WW

Film_17ch

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	98	0–6 2800K - 3000K 7–13 3000K - 3200K 14–20 3200K - 3400K 21–27 3400K - 3600K 28–34 3600K - 3800K 35–41 3800K - 4000K 42–48 4000K - 4200K 49–55 4200K - 4400K 56–62 4400K - 4600K 63–69 4600K - 4800K 70–76 4800K - 5000K 77–83 5000K - 5200K 84–90 5200K - 5400K 91–97 5400K - 5600K 98–104 5600K - 5800K 105–111 5800K - 6000K 112–118 6000K - 6200K 119–125 6200K - 6400K 126–132 6400K - 6600K 133–139 6600K - 6800K 140–146 6800K - 7000K 147–153 7000K - 7200K 154–160 7200K - 7400K 161–167 7400K - 7600K 168–174 7600K - 7800K 175–181 7800K - 8000K 182–188 8000K - 8200K 189–195 8200K - 8400K 196–202 8400K - 8600K 203–209 8600K - 8800K 210–216 8800K - 9000K 217–223 9000K - 9200K 224–230 9200K - 9400K 231–237 9400K - 9600K 238–244 9600K - 9800K 245–255 9800K - 10000K
3	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
4	Color Xfade	0	0–254 CTC Pixel 1 255–255 ColorMix Pixel 1
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add WW	255	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	

Film_17ch (continued)

Ch	Function	Default	DMX values
16	Reserved 16	0	
17	Control1	0	0–9 AsFromMenu 10–57 QUIET 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 TURBO Mode (Dynamic Output) 154–155 AUTO Mode (Constant Output) 156–157 SILENT 1 Mode (Constant Output) 158–159 SILENT 2 Mode (Constant Output) 160–161 ON Mode (Constant Output) 162–163 OFF Mode (Constant Output) 164–165 DimmerMOde OFF 166–167 DimmerMode 1 168–169 Dimmer Mode 2 170–171 Dimmer Mode 3 172–173 Linear 174–175 S-Curve 176–177 Square Law 178–179 Inverse Square Law 180–181 High Res@Low 182–183 600 Hz 184–185 1200 Hz 186–187 2000 Hz 188–189 4000 Hz 190–191 6000 Hz 192–193 25 KHz 194–195 36 KHz 196–197 DIMMER END SNAP OFF @ END 198–199 Reset All Control Channel 200–201 DIMMER END FADE OFF @ END 202–249 QUIET 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)

Film_20ch

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Film_20ch (continued)

Ch	Function	Default	DMX values
3	C TC	98	0–6 2800K - 3000K 7–13 3000K - 3200K 14–20 3200K - 3400K 21–27 3400K - 3600K 28–34 3600K - 3800K 35–41 3800K - 4000K 42–48 4000K - 4200K 49–55 4200K - 4400K 56–62 4400K - 4600K 63–69 4600K - 4800K 70–76 4800K - 5000K 77–83 5000K - 5200K 84–90 5200K - 5400K 91–97 5400K - 5600K 98–104 5600K - 5800K 105–111 5800K - 6000K 112–118 6000K - 6200K 119–125 6200K - 6400K 126–132 6400K - 6600K 133–139 6600K - 6800K 140–146 6800K - 7000K 147–153 7000K - 7200K 154–160 7200K - 7400K 161–167 7400K - 7600K 168–174 7600K - 7800K 175–181 7800K - 8000K 182–188 8000K - 8200K 189–195 8200K - 8400K 196–202 8400K - 8600K 203–209 8600K - 8800K 210–216 8800K - 9000K 217–223 9000K - 9200K 224–230 9200K - 9400K 231–237 9400K - 9600K 238–244 9600K - 9800K 245–255 9800K - 10000K
4	C TC Fine	98	Fine byte of C TC
5	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
6	Tint Fine	0	Fine byte of Tint
7	Color Xfade	0	0–254 CTC 255–255 ColorMix
8	Color Xfade Fine	0	Fine byte of Color Xfade
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW

Film_20ch (continued)

Ch	Function	Default	DMX values
17	Fans	0	0–9 AsFromMenu 10–57 QUIET 1 Mode 58–105 AUTO Mode 106–153 TURBO Mode 154–201 Reserved 202–249 QUIET 2 Mode 250–255 OFF Mode
18	Color Macro1	0	
19	Shutter / Strobe	0	0–19 Open 20–254 Strobe · Slow 1–24.9 Hz 255–255 Strobe · Fast 25 Hz
20	Control1	0	0–1 NoFeature 2–3 AUTO (Constant Output) 4–5 ON (Constant Output) 6–7 OFF (Constant Output) 8–9 SILENT 1 (Constant Output) 10–11 SILENT 2 (Constant Output) 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 kHz 24–25 36 kHz 26–27 AUTO (Dynamic Output) 28–29 TURBO (Dynamic Output) 30–31 OFF (Dynamic Output) 32–33 QUIET 1 (Dynamic Output) 34–35 QUIET 2 (Dynamic Output) 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 56–57 DIMMER END FADE OFF @ END 58–253 Reserved 254–255 Reset All Control Channel

21ch_Theatre

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 115–130 Open 131–199 Random · Slow 0.5–29.6 Hz 200–200 Random · Fast 30 Hz 201–255 Open

21ch_Theatre (continued)

Ch	Function	Default	DMX values
4	C TC	0	0–31 2800K-3200K 32–63 3200K-3500K 64–95 3500K-4000K 96–127 4000K-4500K 128–159 4500K-5000K 160–191 5000K-5600K 192–223 5600K-6000K 224–255 6000K-6500K
5	Tint	0	0–0 Tint 0 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
6	Color Xfade	255	0–254 CTC 255–255 ColorMix
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add WW	255	
14	Color Add WW Fine	255	Fine byte of Color Add WW
15	Color Macro1	0	
16	Color Control	0	0–254 CTO On Colors off 255–255 CTO On Colors on
17	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
18	Effect	0	0–10 NoFeature 11–20 Effect1 21–30 Effect2 31–40 Effect3 41–50 Effect4 51–60 Effect5 61–70 Candle 71–80 CopCar1 81–90 CopCar2 91–100 CopCar3 101–110 Fire 111–120 Fireworks 121–130 Paparazzi 131–140 Television 141–150 Party 151–160 Clouds 161–170 Club 171–180 ColorChase 181–190 Strobe 191–200 Lighting 201–210 Explosion 211–220 Fluorescent 221–230 Process 231–240 Pulsing 241–255 Welding
19	Effect Speed	0	0–126 Slow 127–254 Mid 255–255 Fast

21ch_Theatre (continued)

Ch	Function	Default	DMX values
20	Effects1Fade	0	0–254 Snap 255–255 Smooth
21	Control1	0	0–1 NoFeature 2–3 AUTO Constant Output 4–5 ON Constant Output 6–7 OFF Constant Output 8–9 Silent 1 Constant Output 10–11 Silent 2 Constant Output 12–13 600 Hz 14–15 1200 Hz 16–17 2000 Hz 18–19 4000 Hz 20–21 6000 Hz 22–23 25 KHz 24–25 36 KHz 26–27 AUTO Dynamic Output 28–29 TURBO Dynamic Output 30–31 OFF Dynamic Output 32–33 Quiet 1 Dynamic Output 34–35 Quiet 2 Dynamic Output 36–37 Off 38–39 Mode 1 40–41 Mode 2 42–43 Mode 3 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–55 DIMMER END SNAP OFF @ END 57–57 DIMMER END SNAP OFF @ END 58–253 Reserved 254–255 Controls Reset

Film_33ch

33 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

Film_33ch (continued)

Ch	Function	Default	DMX values
3	C TC	98	0–6 2800K - 3000K 7–13 3000K - 3200K 14–20 3200K - 3400K 21–27 3400K - 3600K 28–34 3600K - 3800K 35–41 3800K - 4000K 42–48 4000K - 4200K 49–55 4200K - 4400K 56–62 4400K - 4600K 63–69 4600K - 4800K 70–76 4800K - 5000K 77–83 5000K - 5200K 84–90 5200K - 5400K 91–97 5400K - 5600K 98–104 5600K - 5800K 105–111 5800K - 6000K 112–118 6000K - 6200K 119–125 6200K - 6400K 126–132 6400K - 6600K 133–139 6600K - 6800K 140–146 6800K - 7000K 147–153 7000K - 7200K 154–160 7200K - 7400K 161–167 7400K - 7600K 168–174 7600K - 7800K 175–181 7800K - 8000K 182–188 8000K - 8200K 189–195 8200K - 8400K 196–202 8400K - 8600K 203–209 8600K - 8800K 210–216 8800K - 9000K 217–223 9000K - 9200K 224–230 9200K - 9400K 231–237 9400K - 9600K 238–244 9600K - 9800K 245–255 9800K - 10000K
4	C TC Fine	98	Fine byte of C TC
5	Tint	0	0–10 Neutral 11–20 FullMinus 21–119 MinusGreen 120–145 Neutral 146–244 PlusGreen 245–255 FullPlus
6	Tint Fine	0	Fine byte of Tint
7	Color Xfade	0	0–254 CTC Pixel 1 255–255 ColorMix Pixel 1
8	Color Xfade Fine	0	Fine byte of Color Xfade
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW
17	Reserved 17	0	
18	Reserved 18	0	

Film_33ch (continued)

Ch	Function	Default	DMX values
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Control1	0	0–9 AsFromMenu 10–57 QUIET 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 TURBO Mode (Dynamic Output) 154–155 AUTO Mode (Constant Output) 156–157 SILENT 1 Mode (Constant Output) 158–159 SILENT 2 Mode (Constant Output) 160–161 HIGH Mode (Constant Output) 162–163 OFF Mode (Constant Output) 164–165 DimmerMOde OFF 166–167 DimmerMode 1 168–169 Dimmer Mode 2 170–171 Dimmer Mode 3 172–173 Linear 174–175 S-Curve 176–177 Square Law 178–179 Inverse Square Law 180–181 High Res@Low 182–183 600 Hz 184–185 1200 Hz 186–187 2000 Hz 188–189 4000 Hz 190–191 6000 Hz 192–193 25 KHz 194–195 36 KHz 196–197 DIMMER END SNAP OFF @ END 198–199 Reset All Control Channel 200–201 DIMMER END FADE OFF @ END 202–249 QUIET 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)