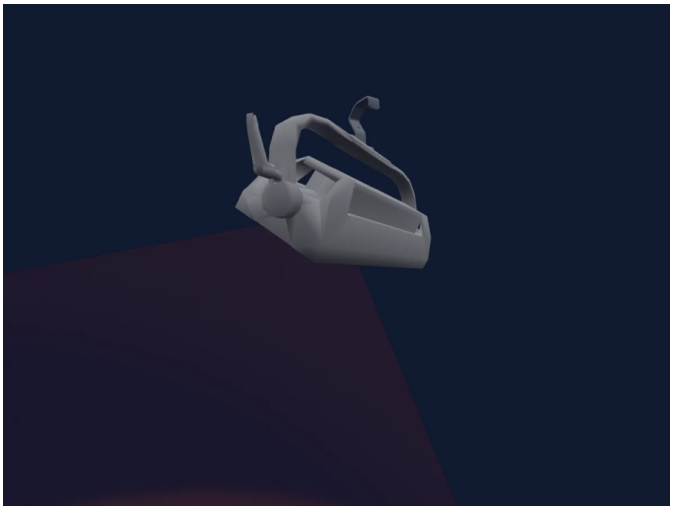
Prolights

EclPanelTWCJR4X1



Manufacturer	**Prolights**
Type	**Moving head**
DMX modes	**25**
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)	**730 × 144 × 194 mm**
GDTF fixture type	**59C44DF0-1A8C-44F2-9AA1-27…**

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_2PixDirect	4 ch
5ch-1_Theatre	5 ch
5ch-2_Theatre	5 ch
6ch_Tour	5 ch
6ch_Theatre	6 ch
Pixel1	7 ch
Pixel2	7 ch
Film_5M17ch	9 ch
10ch_Theatre	10 ch
10ch_Tour	10 ch
11ch_Tour	11 ch
Film_1M12ch	12 ch
15ch_Theatre	15 ch
15ch_Tour	15 ch
17ch_Theatre	17 ch
Film_3M17ch	17 ch
Film_6M33ch	17 ch
Film_XY17ch	17 ch
Film_2M20ch	20 ch
21ch_Theatre	21 ch

Film_4M33ch 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	0	

Film_2PixDirect

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add WW	0	

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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · Fast 30 Hz 201–255 Open
5	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

6ch_Tour

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

6ch_Tour (continued)

Ch	Function	Default	DMX values
5	Color Add WW	0	

6ch_Theatre

6 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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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)

Pixel1

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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · Fast 30 Hz 201–255 Open
3	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth
4	Red	255	

Pixel1 (continued)

Ch	Function	Default	DMX values
5	Green	255	
6	Blue	255	
7	Color Add WW	0	

Pixel2

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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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	0	

Film_5M17ch

9 channels

Ch	Function	Default	DMX values

Film_5M17ch (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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 Reserved 254–255 Controls Reset
2	Dimmer	0	0–254 Closed 255–255 Open
3	C TC	0	
4	Tint	0	0–10 Neutral 11–133 MinusGreen 134–134 Neutral 135–255 PlusGreen
5	Color Xfade	255	0–254 CTC 255–255 ColorMix
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add WW	0	

10ch_Theatre

10 channels

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

10ch_Theatre (continued)

Ch	Function	Default	DMX values
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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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	
3	Green	255	
4	Blue	255	
5	Color Add WW	0	
6	Shutter / Strobe	255	0–30 Closed 31–99 Strobe · Slow 0.5–29.6 Hz 100–100 Strobe · Fast 30 Hz 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · Fast 30 Hz 201–255 Open

10ch_Tour (continued)

Ch	Function	Default	DMX values
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
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	0	
10	Color Add WW Fine	0	Fine byte of Color Add WW

11ch_Tour (continued)

Ch	Function	Default	DMX values
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 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · Fast 30 Hz 201–255 Open

Film_1M12ch

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	98	0–254 2800K 255–255 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_1M12ch (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 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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 Reserved 254–255 Controls Reset

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	0	
10	Color Add WW Fine	0	Fine byte of Color Add WW

15ch_Theatre (continued)

Ch	Function	Default	DMX values
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
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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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	0	
10	Color Add WW Fine	0	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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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	0	
14	Color Add WW Fine	0	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

Film_3M17ch

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	98	0–254 2800K 255–255 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	

Film_3M17ch (continued)

Ch	Function	Default	DMX values
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	
16	Reserved 16	0	
17	Control1	0	0–9 AsFromMenu 10–57 QUIET 1 Mode 58–105 AUTO Mode 106–153 TURBO Mode 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) 164–171 DimmerMode 172–181 DimmerCurve 182–195 LEDFrequency 196–197 DIMMER END SNAP OFF @ END 198–199 Reset All Control Channel 200–201 DIMMER END FADE OFF @ END 202–203 QUIET 2 Mode 204–205 10 KHz 206–207 12 KHz 208–209 15 KHz 210–211 20 KHz 212–213 DimmerSpeed OFF 214–215 ON 216–217 Pure Colors 218–219 OFF 220–249 Reserved 250–255 Fans OFF Mode

Film_6M33ch

17 channels

Ch	Function	Default	DMX values

Film_6M33ch (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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 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	0	
5	C TC Fine	0	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	255	0–254 CTC 255–255 ColorMix
9	Color Xfade Fine	255	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	

Film_6M33ch (continued)

Ch	Function	Default	DMX values
15	Blue Fine	255	Fine byte of Blue
16	Color Add WW	0	
17	Color Add WW Fine	0	Fine byte of Color Add WW

Film_XY17ch

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 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · Fast 30 Hz 201–255 Open
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 80–88 5000K - 5200K 89–93 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	

Film_XY17ch (continued)

Ch	Function	Default	DMX values
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
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 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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 Reserved 254–255 Controls Reset

Film_2M20ch

20 channels

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

Film_2M20ch (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	98	0–254 2800K 255–255 10000k
4	C TC Fine	0	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
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

Film_2M20ch (continued)

Ch	Function	Default	DMX values
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 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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 Reserved 254–255 Controls Reset

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 101–130 NoFeature 131–199 RandomStrobe · Slow 0.5–29.6 Hz 200–200 RandomStrobe · 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	0	
14	Color Add WW Fine	0	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 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 58–59 10 KHz 60–61 12 KHz 62–63 15 KHz 64–65 20 KHz 66–67 DimmerSpeed OFF 68–69 ON 70–71 Pure Colors 72–73 OFF 74–253 NoFeature 1 254–255 Controls Reset

Film_4M33ch

33 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	98	0–254 2800K 255–255 10000K
4	C TC Fine	0	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

Film_4M33ch (continued)

Ch	Function	Default	DMX values
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	
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 58–105 AUTO Mode 106–153 TURBO Mode 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) 164–171 DimmerMode 172–181 DimmerCurve 182–195 LEDFrequency 196–197 DIMMER END SNAP OFF @ END 198–199 Reset All Control Channel 200–201 DIMMER END FADE OFF @ END 202–203 QUIET 2 Mode 204–205 10 KHz 206–207 12 KHz 208–209 15 KHz 210–211 20 KHz 212–213 DimmerSpeed OFF 214–215 ON 216–217 Pure Colors 218–219 OFF 220–249 Reserved 250–255 Fans OFF Mode