OGSON fixtures

PROLIGHTS EclPanelTWC



Manufacturer	**OGSON fixtures**
Type	**Moving head**
DMX modes	**23**
DMX footprint	**1, 2, 4, 5, 6, 8, 9, 10, 12, 15, 17, 20, 21, 26, 33, 50 channels**
Beam angle	**102°**
Pan range	**360°**
Tilt range	**360°**
Size (W × H × D)	**728 × 170 × 344 mm**
GDTF fixture type	**AE64C3AF-7EB6-4604-8E3F-AE...**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

Theatre_1Ch	1 ch
Theatre_2ch	2 ch
Film_8Pixel_Direct	4 ch
Film_Special XY 8bit	4 ch
Theatre_4ch	4 ch
Theatre_5ch-1	5 ch
Theatre_5ch-2	5 ch
Film_8Pixel_Direct MD	6 ch
Theatre_6ch	6 ch
Film_8Pixel_Direct 16bit	8 ch
Film_65ch	9 ch
Theatre_10ch	10 ch
Film_12ch	12 ch
Theatre_15ch	15 ch
Film_129ch	17 ch
Film_17ch	17 ch
Film_XY_17ch	17 ch
Theatre_17ch	17 ch
Film_20ch	20 ch
Theatre_21ch	21 ch
Film_Special	26 ch
Film_33ch	33 ch
Film_8Pix XY 16Bit	50 ch

Theatre_1Ch

1 channel

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

Theatre_2ch

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

Film_8Pixel_Direct

4 channels

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

Film_Special XY 8bit

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C IEX	128	
3	C IEY	128	

Film_Special XY 8bit (continued)

Ch	Function	Default	DMX values
4	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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–57 DIMMER END SNAP OFF @ END 58–59 10 kHz 60–61 12 kHz 62–63 15 kHz 64–65 20 kHz 66–67 Dimmer Speed OFF 68–253 Reserved 254–255 RESET ALL CHANNELS CONTROLLED

Theatre_4ch

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 1–127 Minus G 128–128 0 129–255 Plus G
4	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

Theatre_5ch-1

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 1–127 Minus G 128–128 0 129–255 Plus G
5	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

Theatre_5ch-2

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 1–127 Minus G 128–128 0 129–255 Plus G
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

Film_8Pixel_Direct MD

6 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	Green	255	

Film_8Pixel_Direct MD (continued)

Ch	Function	Default	DMX values
5	Blue	255	
6	White	255	

Theatre_6ch

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 1–127 Minus G 128–128 0 129–255 Plus G
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)

Film_8Pixel_Direct 16bit

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	255	
8	White Fine	255	Fine byte of White

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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–75 CROSSFADE TYPE STANDARD 76–77 CROSSFADE TYPE SUBTRACTIVE 78–253 Reserved 254–255 Controls Reset
2	Dimmer	0	0–254 Closed 255–255 Open
3	C TC	98	0–254 2800K 255–255 10000k
4	Tint	0	0–0 Tint 0 1–127 Minus G 128–128 0 129–255 Plus G
5	Crossfade	255	0–254 White 255–255 Color
6	Red	255	
7	Green	255	
8	Blue	255	
9	Color Add WW	0	

Theatre_10ch

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	0	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 1–127 Minus G 128–128 0 129–255 Plus G
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

Film_12ch

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	0–0 Tint 0 1–127 Minus G 128–128 0 129–255 Plus G
4	Crossfade	255	0–254 White 255–255 Color
5	Red	255	
6	Green	255	

Film_12ch (continued)

Ch	Function	Default	DMX values
7	Blue	255	
8	Color Add WW	255	
9	Fans	0	0–9 AsFromMode 10–57 Silent 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON Mode (Dynamic Output) 154–201 Reserved 202–249 Silent 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)
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
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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–253 Reserved 254–255 Controls Reset

Theatre_15ch

15 channels

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

Theatre_15ch (continued)

Ch	Function	Default	DMX values
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	C TC	0	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 1–127 Minus G 128–128 0 129–255 Plus G
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

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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–75 CROSSFADE TYPE STANDARD 76–77 CROSSFADE TYPE SUBTRACTIVE 78–253 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	98	0–254 2800K 255–255 10000k
5	C TC Fine	98	Fine byte of C TC
6	Tint	0	0–10 Tint 0 11–119 Minus G 120–145 0 146–255 Plus G
7	Tint Fine	0	Fine byte of Tint
8	Crossfade	255	0–254 White 255–255 Color
9	Crossfade Fine	255	Fine byte of Crossfade
10	Red	255	
11	Red Fine	255	Fine byte of Red
12	Green	255	

Film_129ch (continued)

Ch	Function	Default	DMX values
13	Green Fine	255	Fine byte of Green
14	Blue	255	
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_17ch

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	0–0 Tint 0 1–127 Minus G 128–128 0 129–255 Plus G
4	Crossfade	255	0–254 White 255–255 Color
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	
16	Reserved 16	0	

Film_17ch (continued)

Ch	Function	Default	DMX values
17	Control1	202	0–9 AsFromMenu 10–57 SILENT 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON 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 Auto 166–167 Fast 168–169 Medium 170–171 Slow 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 Controls Reset 200–201 DIMMER END SNAP OFF @ END 202–203 SILENT 2 Mode (Dynamic Output) 204–205 10 kHz 206–207 12 kHz 208–209 15 kHz 210–211 20 kHz 212–213 Dimmer Speed OFF 214–215 Spektra Calibration ON 216–217 Spektra Calibration Pure Colors 218–219 Spektra Calibration OFF 220–249 Reserved 250–255 OFF Mode (Dynamic Output)

Film_XY_17ch

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

Film_XY_17ch (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 80–88 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 1–127 Minus G 128–128 0 129–255 Plus G
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	Custom	0	
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

Film_XY_17ch (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 Silent 1 Dynamic Output 34–35 Silent 2 Dynamic Output 36–37 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–253 Reserved 254–255 Controls Reset

Theatre_17ch

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

Theatre_17ch (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 1–127 Minus G 128–128 0 129–255 Plus G
6	Crossfade	255	0–254 White 255–255 Color
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_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
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 Tint 0 11–119 Minus G 120–145 0 146–255 Plus G
6	Tint Fine	0	Fine byte of Tint
7	Crossfade	255	0–254 White 255–255 Color

Film_20ch (continued)

Ch	Function	Default	DMX values
8	Crossfade Fine	255	Fine byte of Crossfade
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 AsFromMode 10–57 Silent 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON Mode (Dynamic Output) 154–201 Reserved 202–249 Silent 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)
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_20ch (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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–75 CROSSFADE TYPE STANDARD 76–77 CROSSFADE TYPE SUBTRACTIVE 78–253 Reserved 254–255 Controls Reset

Theatre_21ch

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

Theatre_21ch (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 1–127 Minus G 128–128 0 129–255 Plus G
6	Crossfade	255	0–254 White 255–255 Color
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

Theatre_21ch (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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 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 Dimmer Speed OFF 68–69 Spektra Calibration ON 70–71 Spektra Calibration Pure Colors 72–73 Spektra Calibration OFF 74–253 Reserved 254–255 Controls Reset

Film_Special

26 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C IEX	128	
3	C IEY	128	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	

Film_Special (continued)

Ch	Function	Default	DMX values
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
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	Fan Mode	0	0–9 AsFromMode 10–57 Silent 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON Mode (Dynamic Output) 154–201 Reserved 202–249 Silent 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)
26	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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–57 DIMMER END SNAP OFF @ END 58–59 10 kHz 60–61 12 kHz 62–63 15 kHz 64–65 20 kHz 66–67 Dimmer Speed OFF 68–253 Reserved 254–255 RESET ALL CHANNELS CONTROLLED

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
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 Tint 0 11–119 Minus G 120–145 0 146–255 Plus G
6	Tint Fine	0	Fine byte of Tint
7	Crossfade	255	0–254 White 255–255 Color
8	Crossfade Fine	255	Fine byte of Crossfade
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	

Film_33ch (continued)

Ch	Function	Default	DMX values
33	Control1	202	0–9 AsFromMenu 10–57 SILENT 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON 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 Auto 166–167 Fast 168–169 Medium 170–171 Slow 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 Controls Reset 200–201 DIMMER END SNAP OFF @ END 202–203 SILENT 2 Mode (Dynamic Output) 204–205 10 kHz 206–207 12 kHz 208–209 15 kHz 210–211 20 kHz 212–213 Dimmer Speed OFF 214–215 Spektra Calibration ON 216–217 Spektra Calibration Pure Colors 218–219 Spektra Calibration OFF 220–249 Reserved 250–255 OFF Mode (Dynamic Output)

Film_8Pix XY 16Bit

50 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 IEX	128	
4	C IEX Fine	128	Fine byte of C IEX
5	C IEY	128	
6	C IEY Fine	128	Fine byte of C IEY
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	

Film_8Pix XY 16Bit (continued)

Ch	Function	Default	DMX values
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
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	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Fan Mode	0	0–9 AsFromMode 10–57 Silent 1 Mode (Dynamic Output) 58–105 AUTO Mode (Dynamic Output) 106–153 ON Mode (Dynamic Output) 154–201 Reserved 202–249 Silent 2 Mode (Dynamic Output) 250–255 OFF Mode (Dynamic Output)

Film_8Pix XY 16Bit (continued)

Ch	Function	Default	DMX values
50	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 Auto 38–39 Fast 40–41 Medium 42–43 Slow 44–45 Linear 46–47 S-Curve 48–49 Square Law 50–51 Inverse Square Law 52–53 High Res@Low 54–57 DIMMER END SNAP OFF @ END 58–59 10 kHz 60–61 12 kHz 62–63 15 kHz 64–65 20 kHz 66–67 Dimmer Speed OFF 68–253 Reserved 254–255 RESET ALL CHANNELS CONTROLLED