Prolights

LumipixXB050



Manufacturer	**Prolights**
Type	**Effect light**
DMX modes	**25**
DMX footprint	**1, 2, 4, 5, 6, 7, 10, 12, 13, 14, 15, 17, 18, 19, 20, 21, 23, 27, 37**
Beam angle	**9.8-12°**
Heads / cells	**2**
Size (W × H × D)	**505 × 84 × 175 mm**
GDTF fixture type	**894394B6-13CF-4838-9BD2-C1…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

UNO_1ch	1 ch
DUO_2ch	2 ch
Theater_4ch	4 ch
Theater_5ch1	5 ch
Theater_5ch2	5 ch
Theater_6ch	6 ch
PIX_39ch	7 ch
Theater_10ch	10 ch
Film_1M_12ch	12 ch
FX Cine_13ch	13 ch
Direct 8bit_14ch	14 ch
FX Tour_20ch	14 ch
Theater_15ch	15 ch
Theater_17ch	17 ch
Direct 16bit_18ch	18 ch
Basic_RGBW_19ch	19 ch
Basic_RGBW_19ch + 9PX_36ch	19 ch
XY_19ch	19 ch
Film_2M_20ch	20 ch
Theater_21ch	21 ch
Standard_RGBW_23ch	23 ch
Standard_RGBW_23ch + 9PX_36ch	23 ch
FX Advanced_33ch	27 ch
Extended_RGBW_43ch	37 ch

Extended_RGBW_43ch + 9PX_36ch 37 ch

UNO_1ch

1 channel

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

DUO_2ch

2 channels

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

Theater_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 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
4	Dimmer Mode	0	0–0 AsFromMenu 1–254 Snap 255–255 Smooth

Theater_5ch1

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

Theater_5ch2

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

Theater_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 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
4	Shutter / Strobe	201	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

Theater_6ch (continued)

Ch	Function	Default	DMX values
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)

PIX_39ch

7 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open_0 65–125 PulseInStrobe 126–127 Open_1 128–188 PulseOutStrobe 189–190 Open_2 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add WW	255	

Theater_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 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25

Theater_10ch (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	201	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_1M_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	0–10 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
12	Control1	0	

FX Cine_13ch

13 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Control1	0	
5	Color Model Mode	0	0–12 Cinema FX 13–24 Source Emulation 25–36 CCT 37–48 HSI 49–60 Fixed Colors 61–72 White Preset 73–84 Color Macro 85–96 Manual Colors 97–108 XY 109–120 User Preset 121–255 NoFeature
6	Color Effects1	0	0–1 NoFeature 2–3 Party 4–5 Candle 6–7 Clouds 8–9 Club Lights 10–11 Color Chase 12–13 Cop Car 14–15 Fire 16–17 Fireworks 18–19 Strobe 20–21 Lightning 22–23 Paparazzi 24–25 Pulsing 26–27 Television 28–29 Explosion 30–31 Flourescent Flicker 32–33 Process 34–35 Welding 36–255 Reserved
7	Color Effects2	0	

FX Cine_13ch (continued)

Ch	Function	Default	DMX values
8	Color Effects3	0	0–0 Loop 60s 1–1 0 > 120 changes / min 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Double Flash 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–50 Reserved 51–63 Color Filters 64–95 Quint All Flash 96–100 Quint Flash 101–127 600 Series 128–128 Default Speed > 2x Faster 129–150 Tint 0 to +25 151–159 Cosmetic Filter 160–191 Cycle All 192–200 Reserved 201–249 700 Series 250–253 Manual (bump intensity to explode) 254–255 Loop 60s > 1s
9	Color Effects4	0	
10	Color Effects5	0	0–1 NoFeature 2–3 Full Minus Green 4–126 -99% > -1% 127–128 Neutral / NoEffect 129–251 1% > 99% 252–253 Full Plus Green 254–254 Neutral / NoEffect 255–255 Bump to 100% = Start @ 0 or to offset value
11	Color Effects6	0	0–254 Hue 0 > 360 255–255 Bump to 100% = Start @ 0 or to offset value
12	Color Effects7	0	0–254 Min Saturation 255–255 Max Saturation
13	Color Effects8	0	0–254 Min Saturation 255–255 Max Saturation

Direct 8bit_14ch

14 channels

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

Direct 8bit_14ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	C TC	0	0–254 2800K 255–255 10000K
5	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
6	Color XFade	255	0–254 CTC 255–255 ColorMix
7	Red	255	
8	Green	255	
9	Blue	255	
10	Color Add WW	255	
11	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
12	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
13	Color Effects3	0	
14	Control1	0	

FX Tour_20ch

14 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Control1	0	

FX Tour_20ch (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–25 NoFeature 26–35 FX1 36–45 FX2 46–55 FX3 56–65 FX4 66–75 FX5 76–85 FX6 86–95 FX7 96–105 FX8 106–115 FX9 116–125 FX10 126–135 FX11 136–145 FX12 146–155 FX13 156–165 FX14 166–175 FX15 176–185 FX16 186–195 FX17 196–205 FX18 206–215 FX19 216–225 FX20 226–235 FX21 236–245 FX22 246–255 FX23
6	Effects1Pos	0	0–126 Index min 127–127 Index max 128–128 CW fast 129–189 CW fast2slow 190–190 CW slow 191–192 Stop 193–193 CCW slow 194–254 CCW slow2fast 255–255 CCW fast
7	Effects1Fade	0	0–254 Fade min 255–255 Fade max
8	Effects Sync	0	0–254 Transition min 255–255 Transition max
9	Dimmer	0	0–254 Closed 255–255 Open
10	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
11	Red	255	
12	Green	255	
13	Blue	255	
14	Color Add WW	255	

Theater_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
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 1–126 Tint -25 127–254 Tint 0 255–255 Tint 25
13	Shutter / Strobe	201	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

Theater_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

Theater_17ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	201	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
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	0	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

Direct 16bit_18ch

18 channels

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

Direct 16bit_18ch (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	C TC	0	0–254 2800K 255–255 10000K
5	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +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 Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
16	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
17	Color Effects3	0	
18	Control1	0	

Basic_RGBW_19ch

19 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open

Basic_RGBW_19ch (continued)

Ch	Function	Default	DMX values
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
13	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
14	Color Effects3	0	
15	C TC	0	0–254 2800K 255–255 10000K
16	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
17	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
18	Color XFade	255	0–254 CTC 255–255 ColorMix
19	Control1	0	

Basic_RGBW_19ch + 9PX_36ch

19 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	

Basic_RGBW_19ch + 9PX_36ch (continued)

Ch	Function	Default	DMX values
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
13	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
14	Color Effects3	0	
15	C TC	0	0–254 2800K 255–255 10000K
16	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
17	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
18	Color XFade	255	0–254 CTC 255–255 ColorMix
19	Control1	0	

XY_19ch

19 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	252	0–1 Closed 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	C TC	0	0–254 2800K 255–255 10000K
5	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
6	C IEX	0	
7	C IEX Fine	0	Fine byte of C IEX
8	C IEY	0	
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	

XY_19ch (continued)

Ch	Function	Default	DMX values
15	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
16	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
17	Color Effects3	0	
18	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
19	Control1	0	

Film_2M_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 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_2M_20ch (continued)

Ch	Function	Default	DMX values
20	Control1	0	

Theater_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	201	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
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	0	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

Theater_21ch (continued)

Ch	Function	Default	DMX values
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
20	Effects1Fade	0	0–254 Snap 255–255 Smooth
21	Control1	0	

Standard_RGBW_23ch

23 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	

Standard_RGBW_23ch (continued)

Ch	Function	Default	DMX values
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
13	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
14	Color Effects3	0	
15	C TC	0	0–254 2800K 255–255 10000K
16	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
17	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
18	Color XFade	255	0–254 CTC 255–255 ColorMix
19	Control1	0	
20	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
21	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
22	Color Effects4	0	0–0 NoFeature 1–50 Cat1_Incandescend 51–100 Cat2_Fluorescent 101–150 Cat3_Discharge 151–200 Cat4_Other 201–255 Reserved
23	Color Effects5	0	0–1 Tungsten Bulb 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Red Glow Stick 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–255 Reserved

Standard_RGBW_23ch + 9PX_36ch

23 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	Color Effects1	0	0–0 NoFeature 1–50 LEE Color Macros 51–100 Rosco Color Macros 101–255 Reserved
13	Color Effects2	0	0–50 Color Correction 51–100 Color Filters 101–150 600 Series 151–200 Cosmetic Filter 201–255 700 Series
14	Color Effects3	0	
15	C TC	0	0–254 2800K 255–255 10000K
16	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
17	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
18	Color XFade	255	0–254 CTC 255–255 ColorMix
19	Control1	0	
20	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
21	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
22	Color Effects4	0	0–0 NoFeature 1–50 Cat1_Incandescend 51–100 Cat2_Fluorescent 101–150 Cat3_Discharge 151–200 Cat4_Other 201–255 Reserved

Standard_RGBW_23ch + 9PX_36ch (continued)

Ch	Function	Default	DMX values
23	Color Effects5	0	0–1 Tungsten Bulb 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Red Glow Stick 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–255 Reserved

FX Advanced_33ch

27 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	C TC	0	0–254 2800K 255–255 10000K
5	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
6	Color XFade	255	0–254 CTC 255–255 ColorMix
7	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
8	Control1	0	

FX Advanced_33ch (continued)

Ch	Function	Default	DMX values
9	Color Model Mode	0	0–12 Cinema FX 13–24 Source Emulation 25–36 CCT 37–48 HSI 49–60 Fixed Colors 61–72 White Preset 73–84 Color Macro 85–96 Manual Colors 97–108 XY 109–120 User Preset 121–255 NoFeature
10	Color Effects1	0	0–1 NoFeature 2–3 Party 4–5 Candle 6–7 Clouds 8–9 Club Lights 10–11 Color Chase 12–13 Cop Car 14–15 Fire 16–17 Fireworks 18–19 Strobe 20–21 Lightning 22–23 Paparazzi 24–25 Pulsing 26–27 Television 28–29 Explosion 30–31 Flourescent Flicker 32–33 Process 34–35 Welding 36–255 Reserved
11	Color Effects2	0	

FX Advanced_33ch (continued)

Ch	Function	Default	DMX values
12	Color Effects3	0	0–0 Loop 60s 1–1 0 > 120 changes / min 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Double Flash 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–50 Reserved 51–63 Color Filters 64–95 Quint All Flash 96–100 Quint Flash 101–127 600 Series 128–128 Default Speed > 2x Faster 129–150 Tint 0 to +25 151–159 Cosmetic Filter 160–191 Cycle All 192–200 Reserved 201–249 700 Series 250–253 Manual (bump intensity to explode) 254–255 Loop 60s > 1s
13	Color Effects4	0	
14	Color Effects5	0	0–1 NoFeature 2–3 Full Minus Green 4–126 -99% > -1% 127–128 Neutral / NoEffect 129–251 1% > 99% 252–253 Full Plus Green 254–254 Neutral / NoEffect 255–255 Bump to 100% = Start @ 0 or to offset value
15	Color Effects6	0	0–254 Hue 0 > 360 255–255 Bump to 100% = Start @ 0 or to offset value
16	Color Effects7	0	0–254 Min Saturation 255–255 Max Saturation
17	Color Effects8	0	0–254 Min Saturation 255–255 Max Saturation

FX Advanced_33ch (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–25 NoFeature 26–35 FX1 36–45 FX2 46–55 FX3 56–65 FX4 66–75 FX5 76–85 FX6 86–95 FX7 96–105 FX8 106–115 FX9 116–125 FX10 126–135 FX11 136–145 FX12 146–155 FX13 156–165 FX14 166–175 FX15 176–185 FX16 186–195 FX17 196–205 FX18 206–215 FX19 216–225 FX20 226–235 FX21 236–245 FX22 246–255 FX23
19	Effects1Pos	0	0–126 Index min 127–127 Index max 128–128 CW fast 129–189 CW fast2slow 190–190 CW slow 191–192 Stop 193–193 CCW slow 194–254 CCW slow2fast 255–255 CCW fast
20	Effects1Fade	0	0–254 Fade min 255–255 Fade max
21	Effects Sync	0	0–254 Transition min 255–255 Transition max
22	Dimmer	0	0–254 Closed 255–255 Open
23	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
24	Red	255	
25	Green	255	
26	Blue	255	
27	Color Add WW	255	

Extended_RGBW_43ch

37 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	C TC	0	0–254 2800K 255–255 10000K
13	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
14	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
15	Color XFade	255	0–254 CTC 255–255 ColorMix
16	Control1	0	
17	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL
18	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
19	Color Model Mode	0	0–12 Cinema FX 13–24 Source Emulation 25–36 CCT 37–48 HSI 49–60 Fixed Colors 61–72 White Preset 73–84 Color Macro 85–96 Manual Colors 97–108 XY 109–120 User Preset 121–255 NoFeature

Extended_RGBW_43ch (continued)

Ch	Function	Default	DMX values
20	Color Effects1	0	0–1 NoFeature 2–3 Party 4–5 Candle 6–7 Clouds 8–9 Club Lights 10–11 Color Chase 12–13 Cop Car 14–15 Fire 16–17 Fireworks 18–19 Strobe 20–21 Lightning 22–23 Paparazzi 24–25 Pulsing 26–27 Television 28–29 Explosion 30–31 Flourescent Flicker 32–33 Process 34–35 Welding 36–255 Reserved
21	Color Effects2	0	
22	Color Effects3	0	0–0 Loop 60s 1–1 0 > 120 changes / min 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Double Flash 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–50 Reserved 51–63 Color Filters 64–95 Quint All Flash 96–100 Quint Flash 101–127 600 Series 128–128 Default Speed > 2x Faster 129–150 Tint 0 to +25 151–159 Cosmetic Filter 160–191 Cycle All 192–200 Reserved 201–249 700 Series 250–253 Manual (bump intensity to explode) 254–255 Loop 60s > 1s
23	Color Effects4	0	

Extended_RGBW_43ch (continued)

Ch	Function	Default	DMX values
24	Color Effects5	0	0–1 NoFeature 2–3 Full Minus Green 4–126 -99% > -1% 127–128 Neutral / NoEffect 129–251 1% > 99% 252–253 Full Plus Green 254–254 Neutral / NoEffect 255–255 Bump to 100% = Start @ 0 or to offset value
25	Color Effects6	0	0–254 Hue 0 > 360 255–255 Bump to 100% = Start @ 0 or to offset value
26	Color Effects7	0	0–254 Min Saturation 255–255 Max Saturation
27	Color Effects8	0	0–254 Min Saturation 255–255 Max Saturation
28	Effect	0	0–25 NoFeature 26–35 FX1 36–45 FX2 46–55 FX3 56–65 FX4 66–75 FX5 76–85 FX6 86–95 FX7 96–105 FX8 106–115 FX9 116–125 FX10 126–135 FX11 136–145 FX12 146–155 FX13 156–165 FX14 166–175 FX15 176–185 FX16 186–195 FX17 196–205 FX18 206–215 FX19 216–225 FX20 226–235 FX21 236–245 FX22 246–255 FX23
29	Effects1Pos	0	0–126 Index min 127–127 Index max 128–128 CW fast 129–189 CW fast2slow 190–190 CW slow 191–192 Stop 193–193 CCW slow 194–254 CCW slow2fast 255–255 CCW fast
30	Effects1Fade	0	0–254 Fade min 255–255 Fade max
31	Effects Sync	0	0–254 Transition min 255–255 Transition max
32	Dimmer	0	0–254 Closed 255–255 Open

Extended_RGBW_43ch (continued)

Ch	Function	Default	DMX values
33	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
34	Red	255	
35	Green	255	
36	Blue	255	
37	Color Add WW	255	

Extended_RGBW_43ch + 9PX_36ch

37 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	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add WW	255	
11	Color Add WW Fine	255	Fine byte of Color Add WW
12	C TC	0	0–254 2800K 255–255 10000K
13	Protocol Crossfade	0	0–254 Protocol 1 255–255 Protocol 2
14	Pixel Engine Cross Fade	0	0–254 Main Fixture 255–255 Pixel Engine
15	Color XFade	255	0–254 CTC 255–255 ColorMix
16	Control1	0	
17	Color Control	0	0–254 CtoOnColors OFF 255–255 CtoOnColors FULL

Extended_RGBW_43ch + 9PX_36ch (continued)

Ch	Function	Default	DMX values
18	Tint	128	0–127 Tint -25 to 0 128–128 Tint 0 129–255 Tint 0 to +25
19	Color Model Mode	0	0–12 Cinema FX 13–24 Source Emulation 25–36 CCT 37–48 HSI 49–60 Fixed Colors 61–72 White Preset 73–84 Color Macro 85–96 Manual Colors 97–108 XY 109–120 User Preset 121–255 NoFeature
20	Color Effects1	0	0–1 NoFeature 2–3 Party 4–5 Candle 6–7 Clouds 8–9 Club Lights 10–11 Color Chase 12–13 Cop Car 14–15 Fire 16–17 Fireworks 18–19 Strobe 20–21 Lightning 22–23 Paparazzi 24–25 Pulsing 26–27 Television 28–29 Explosion 30–31 Flourescent Flicker 32–33 Process 34–35 Welding 36–255 Reserved
21	Color Effects2	0	

Extended_RGBW_43ch + 9PX_36ch (continued)

Ch	Function	Default	DMX values
22	Color Effects3	0	0–0 Loop 60s 1–1 0 > 120 changes / min 2–3 Incandescent 4–5 Halogen 6–7 Antique Bulb 8–9 Warm Antique Bulb 10–11 Christmas Light 12–13 Night Light 14–15 Infrared Heat Lamp 16–17 Grow Light 18–19 Reserved 20–21 Amber Caution 22–23 Green Traffic Light 24–25 Yellow Traffic Light 26–27 Red Traffic Light 28–29 Blue Glow Stick 30–31 Green Glow Stick 32–33 Double Flash 34–35 Yellow Glow Stick 36–37 Pink Glow Stick 38–39 Violet Glow Stick 40–50 Reserved 51–63 Color Filters 64–95 Quint All Flash 96–100 Quint Flash 101–127 600 Series 128–128 Default Speed > 2x Faster 129–150 Tint 0 to +25 151–159 Cosmetic Filter 160–191 Cycle All 192–200 Reserved 201–249 700 Series 250–253 Manual (bump intensity to explode) 254–255 Loop 60s > 1s
23	Color Effects4	0	
24	Color Effects5	0	0–1 NoFeature 2–3 Full Minus Green 4–126 -99% > -1% 127–128 Neutral / NoEffect 129–251 1% > 99% 252–253 Full Plus Green 254–254 Neutral / NoEffect 255–255 Bump to 100% = Start @ 0 or to offset value
25	Color Effects6	0	0–254 Hue 0 > 360 255–255 Bump to 100% = Start @ 0 or to offset value
26	Color Effects7	0	0–254 Min Saturation 255–255 Max Saturation
27	Color Effects8	0	0–254 Min Saturation 255–255 Max Saturation

Extended_RGBW_43ch + 9PX_36ch (continued)

Ch	Function	Default	DMX values
28	Effect	0	0–25 NoFeature 26–35 FX1 36–45 FX2 46–55 FX3 56–65 FX4 66–75 FX5 76–85 FX6 86–95 FX7 96–105 FX8 106–115 FX9 116–125 FX10 126–135 FX11 136–145 FX12 146–155 FX13 156–165 FX14 166–175 FX15 176–185 FX16 186–195 FX17 196–205 FX18 206–215 FX19 216–225 FX20 226–235 FX21 236–245 FX22 246–255 FX23
29	Effects1Pos	0	0–126 Index min 127–127 Index max 128–128 CW fast 129–189 CW fast2slow 190–190 CW slow 191–192 Stop 193–193 CCW slow 194–254 CCW slow2fast 255–255 CCW fast
30	Effects1Fade	0	0–254 Fade min 255–255 Fade max
31	Effects Sync	0	0–254 Transition min 255–255 Transition max
32	Dimmer	0	0–254 Closed 255–255 Open
33	Shutter / Strobe	255	0–1 Closed 2–2 Slow Strobe 3–61 Strobe 62–62 Fast Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
34	Red	255	
35	Green	255	
36	Blue	255	
37	Color Add WW	255	