DMX profiles ProPanel 3x2

Summary: DMX profiles for Profoto ProPanel 3x2 with firmware version A5 or later

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1. Introduction

1.1 Purpose and Scope

This document describes the DMX profiles supported by Profoto ProPanel 3x2.

1.2 Document History

Document Revision	Firmware Version	DMX Revision	Changes
1.0	ProPanel 3x2 A1	1.0	• Profiles P01 to P13 • Flex profile P31 • Fan and device control channels
1.4	ProPanel 3x2 A3	2.0	• Profiles P24 to P29 for Pixel mapping • Flex profile updated
1.5	ProPanel 3x2 A4	3.0	• Profile P22 for Special Effects • Flex profile updated
1.6	ProPanel 3.2 A5	4.0	• Added Wave (CCT, HSI) effect in SFX

2. General

2.1 General strategy

The following DMX profiles are generic for most Profoto lights. The general strategy is that selectable values are in accordance with the specific products limits. The value is calculated linear from lowest selectable value to max.

$$Value = Min + (Max - Min) \cdot \frac{DMX\ value}{DMX\ value\ max}$$

For example, selecting color temperature in 8 Bit mode (8 Bit CCT) for a light that has the CCT range 2000-10'000K. Sending in the value 102 would result in:

$$Value = 2000 + (10000 - 2000) \cdot \frac{102}{255} = 5200K$$

3. DMX profiles

3.1 P01 – 8 Bit CCT & Tint

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	CCT	000-255	2000 – 15000K
3	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
4	Fan control	000-255	See device control section
5	Device configuration	000-255	

3.2 P02 – 16 Bit CCT & Tint

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	CCT	00000-65535	2000 – 15000K
5 HI	6 LO	Tint	00000-04999	Neutral
			05000-35267	-100 to -1 Green
			35268	Neutral
			35269-65535	+1 to +100 Green
7		Fan control	000-255	See device control section
8		Device configuration	000-255	

3.3 P03 – 8 Bit HSI

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	Hue	000-255	0-360˚
3	Saturation	000-255	0-100%
4	Fan control	000-255	See device control section
5	Device configuration	000-255	

3.4 P04 – 16 Bit HSI

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	Hue	00000-65535	0-360˚
5 HI	6 LO	Saturation	00000-65535	0-100%
7		Fan control	000-255	See device control section
8		Device configuration	000-255	

3.5 P05 – 8 Bit RGBW

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	Intensity red	000-255	0-100%
3	Intensity green	000-255	0-100%
4	Intensity blue	000-255	0-100%
5	Intensity white	000-255	0-100%
6	Fan control	000-255	See device control section
7	Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.6 P06 – 16 Bit RGBW

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	000-255	0-100%
3 HI	4 LO	Red intensity	000-255	0-100%
5 HI	6 LO	Green intensity	000-255	0-100%
7 HI	8 LO	Blue intensity	000-255	0-100%
9 HI	10 LO	White intensity	000-255	0-100%
11		Fan control	000-255	See device control section
12		Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.7 P07 – 16 Bit X/Y coordinates

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	X coordinate	00000-65535	0-0.8
5 HI	6 LO	Y coordinate	00000-65535	0-0.8
7		Fan control	000-255	See device control section
8		Device configuration	000-255	

3.8 P08 – 8 Bit Gel mode

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	Gel library	000-009	LEE Color Filters
		010-019	LEE Cosmetic
		020-029	LEE 600 Series
		030-039	LEE 700 Series
		040-049	LEE Color Correction
		050-059	Rosco Cinelux
		060-069	Rosco CalColor
		070-079	Rosco Storaro
		080-089	Rosco Color Correction
		090-255	Reserved
3	Gel swatch	000-255	See Gel swatches section
4	Base	000-127	Tungsten 3200K
		128-255	HMI 5700K
5	Fan control	000-255	See device control section
6	Device configuration	000-255	

3.9 P09 – 8 Bit CCT & HSI

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	CCT	000-255	2000 – 15000K
3	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
4	Crossfade to HSI	000-255	0-100%
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Fan control	000-255	See device control section
8	Device configuration	000-255	

3.10 P10 – 16 Bit CCT & HSI

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	CCT	00000-65535	2000 – 15000K
5 HI	6 LO	Tint	00000-04999	Neutral
			05000-35267	-100 to -1 Green
			35268	Neutral
			35269-65535	+1 to +100 Green
7 HI	8 LO	Crossfade to HSI	00000-65535	0-100%
9 HI	10 LO	Hue	00000-65535	0-360˚
11 HI	12 LO	Saturation	00000-65535	0-100%
13		Fan control	000-255	See device control section
14		Device configuration	000-255	

3.11 P11 – 8 Bit CCT & RGBW

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	CCT	000-255	2000-15000K
3	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
4	Crossfade to RGBW	000-255	0-100%
5	Red intensity	000-255	0-100%
6	Green intensity	000-255	0-100%
7	Blue intensity	000-255	0-100%
8	White intensity	000-255	0-100%
9	Fan control	000-255	See device control section
10	Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.12 P12 – 16 Bit CCT & RGBW

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	CCT	00000-65535	2000-15000K
5 HI	6 LO	Tint	00000-04999	Neutral
			05000-35267	-100 to -1 Green
			35268	Neutral
			35269-65535	+1 to +100 Green
7 HI	8 LO	Crossfade to RGBW	00000-65535	0-100%
9 HI	10 LO	Red intensity	00000-65535	0-100%
11 HI	12 LO	Green intensity	00000-65535	0-100%
13 HI	14 LO	Blue intensity	00000-65535	0-100%
15 HI	16 LO	White intensity	00000-65535	0-100%
17		Fan control	000-255	See device control section
18		Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.13 P13 – 16 Bit CCT & X/Y coordinates

Channel		Function	Value	Output
1 HI	2 LO	Master intensity	00000-65535	0-100%
3 HI	4 LO	CCT	00000-65535	2000-15000 K
5 HI	6 LO	Tint	00000-04999	Neutral
			05000-35267	-100 to -1 Green
			35268	Neutral
			35269-65535	+1 to +100 Green
7 HI	8 LO	Crossfade to X/Y	00000-65535	0-100%
9 HI	10 LO	X coordinate	00000-65535	0-0.8
11 HI	12 LO	Y coordinate	00000-65535	0-0.8
13		Fan control	000-255	See device control section
14		Device configuration	000-255	

3.14 P22 – Effects profile

Channel	Function	Value	Output
1	Master intensity	000-255	0-100%
2	Effect selection	000-009	No effect
		010-019	Explosion CCT
		020-029	Explosion HSI
		030-039	Faulty Bulb CCT
		040-049	Faulty Bulb HSI
		050-059	Fire CCT
		060-069	Fire HSI
		070-079	Fireworks
		080-089	Lightning CCT
		090-099	Lightning HSI
		100-109	Paparazzi CCT
		110-119	Paparazzi HSI
		120-129	Party Lights
		130-139	Police Car
		140-149	Pulsing CCT
		150-159	Pulsing HSI
		160-169	Strobe CCT
		170-179	Strobe HSI
		180-189	TV
		190-199	Wave CCT
		200-209	Wave HSI
		190-255	Reserved
3	Effect mode	000-009	Loop
		010-019	Trigger
		020-255	Reserved
4	Trigger effect	000-255	See selected effect table
5	Effects parameter 1	000-255	
6	Effects parameter 2	000-255	
7	Effects parameter 3	000-255	
8	Effects parameter 4	000-255	

9	Fan control	000-255	See device control section
10	Device configuration	000-255	

3.14.1 Explosion CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger once
5	CCT	000-255	2000-15000K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Speed	000-255	1-100
8	Reserved		

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3.14.2 Explosion HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger once
5	Hue	000-255	0-360°
6	Saturation	000-255	0-100%
7	Speed	000-255	1-100
8	Reserved		

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3.14.3 Faulty bulb CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger blackout
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Pace	000-255	1-10
8	Speed	000-255	1-100

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3.14.4 Faulty bulb HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger blackout
5	Hue	000-255	0-360°
6	Saturation	000-255	0-100%
7	Pace	000-255	1-10
8	Speed	000-255	1-100

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3.14.5 Fire CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger spark
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Type	000-009	Candle
		010-019	Flame
		020-029	Welding
		030-039	Wildfire
		040-255	Reserved
8	Pace	000-255	1-10

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3.14.6 Fire HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger spark
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Type	000-009	Candle
		010-019	Flame
		020-029	Welding
		030-039	Wildfire
		040-255	Reserved
8	Pace	000-255	1-10

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3.14.7 Fireworks

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger firework
5	Palette	000-009	Gold
		010-019	Champagne
		020-029	Spectral
		030-039	Celebration
		040-049	Rainbow
		050-255	Reserved
6	Type	000-009	Peony
		010-019	Dahlia
		020-029	Willow
		030-039	Mixed
		040-255	Reserved
7	Speed	000-255	1-100
8	Reserved		

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3.14.8 Lightning CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger lightning bolt
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Speed	000-255	1-100
8	Reserved		

Back to effect table

3.14.9 Lightning HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger lightning bolt
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Speed	000-255	1-100
8	Reserved		

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3.14.10 Paparazzi CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger one burst
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Pace	000-255	1-10
8	Speed	000-255	1-100

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3.14.11 Paparazzi HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger blackout
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Pace	000-255	1-10
8	Speed	000-255	1-100

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3.14.12 Party lights

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger color change
5	Palette	000-009	RGB
		010-019	Rainbow
		020-029	Pastel
		030-039	Sunset
		040-049	Ocean
		050-059	Neon
		060-255	Reserved
6	Pace	000-255	1-10
7	Speed	000-255	1-100
8	Reserved		

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3.14.13 Police car

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	Palette	000-009	Blue/Red
		010-019	Blue
		020-029	Red
		030-039	Yellow
		040-255	Reserved
6	Type	000-009	1 pulse
		010-019	2 pulses
		020-029	3 pulses
		030-039	Modern
		040-049	Continuous
		050-255	Reserved
7	Speed	000-255	1-100
8	Reserved		

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3.14.14 Pulsing CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Type	000-009	Sine
		010-019	Throb
		020-029	Triangle
		030-039	Square
		040-255	Reserved
8	Speed	000-255	1-100

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3.14.15 Pulsing HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Type	000-009	Sine
		010-019	Throb
		020-029	Triangle
		030-039	Square
		040-255	Reserved
8	Speed	000-255	1-100

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3.14.16 Strobe CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	CCT	000-255	2000-15000K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Speed	000-255	1-100
8	Reserved		

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3.14.17 Strobe HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	Hue	000-255	0-360°
6	Saturation	000-255	0-100%
7	Speed	000-255	1-100
8	Reserved		

Back to effect table

3.14.18 TV

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger scene change
5	Palette	000-009	Neutral
		010-019	Vivid
		020-029	Cartoon
		030-039	Neon
		040-049	Black and White
		050-255	Reserved
6	Pace	000-255	1-10
7	Speed	000-255	1-100
8	Reserved		

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3.14.19 Wave CCT

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	CCT	000-255	2000-15000 K
6	Tint	000-010	Neutral
		011-133	-100 to -1 Green
		134	Neutral
		135-255	+1 to +100 Green
7	Direction	000-255	0-360°
8	Speed	000-255	1-100

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3.14.20 Wave HSI

Channel	Function	Value	Output
4	Effect trigger	000-249	Reset trigger
		250-255	Trigger restart
5	Hue	000-255	0-360˚
6	Saturation	000-255	0-100%
7	Direction	000-255	0-360˚
8	Speed	000-255	1-100

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3.15 P24 – 8 Bit Pixel mapping CCT & RGBW

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1	9	17	25	Zone intensity	000-255	0-100%
2	10	18	26	CCT	000-255	2000-15000K
3	11	19	27	Tint	000-010	Neutral
					011-133	-100 to -1 Green
					134	Neutral
					135-255	+1 to +100 Green
4	12	20	28	Crossfade to RGBW	000-255	0-100%
5	13	21	29	Red intensity	000-255	0-100%
6	14	22	30	Green intensity	000-255	0-100%
7	15	23	31	Blue intensity	000-255	0-100%
8	16	24	32	White intensity	000-255	0-100%
33				Fan control	000-255	See device control section
34				Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.16 P25 – 16 Bit Pixel mapping CCT & RGBW

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1 H	17 H	33 H	49 H	Zone intensity	00000-65535	0-100%
2 L	18 L	34 L	50 L			
3 H	19 H	35 H	51 H	CCT	00000-65535	2000-15000K
4 L	20 L	36 L	52 L			
5 H	21 H	37 H	53 H	Tint	00000-04999	Neutral
					05000-35267	-100 to -1 Green
6 L	22 L	38 L	54 L		35268	Neutral
					35269-65535	+1 to +100 Green
7 H	23 H	39 H	55 H	Crossfade to RGBW	00000-65535	0-100%
8 L	24 L	40 L	56 L			
9 H	25 H	41 H	57 H	Red intensity	00000-65535	0-100%
10 L	26 L	42 L	58 L			
11 H	27 H	43 H	59 H	Green intensity	00000-65535	0-100%
12 L	28 L	44 L	60 L			
13 H	29 H	45 H	61 H	Blue intensity	00000-65535	0-100%
14 L	30 L	46 L	62 L			
15 H	31 H	47 H	63 H	White intensity	00000-65535	0-100%
16 L	32 L	48 L	64 L			
65				Fan control	000-255	See device control section
66				Device configuration	000-255	

Note: All RGBW Color spaces has white point of 6500K

3.17 P26 – 8 Bit Pixel mapping HSI

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1	4	7	10	Zone intensity	000-255	0-100%
2	5	8	11	Hue	000-255	0-360°
3	6	9	12	Saturation	000-255	0-100%
13				Fan control	000-255	See device control section
14				Device configuration	000-255	

3.18 P27 – 16 Bit Pixel mapping HSI

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1 H	7 H	13 H	19 H	Zone intensity	00000-65535	0-100%
2 L	8 L	14 L	20 L			
3 H	9 H	15 H	21 H	Hue	00000-65535	0-360°
4 L	10 L	16 L	22 L			
5 H	11 H	17 H	23 H	Saturation	00000-65535	0-100%
6 L	12 L	18 L	24 L			
25				Fan control	000-255	See device control section
26				Device configuration	000-255	

3.19 P28 – 8 Bit Pixel mapping X/Y

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1	4	7	10	Zone intensity	000-255	0-100%
2	5	8	11	X coordinate	000-255	0-0.8
3	6	9	12	Y coordinate	000-255	0-0.8
13				Fan control	000-255	See device control section
14				Device configuration	000-255	

3.20 P29 – 16 Bit Pixel mapping X/Y

See layout of pixel mapping zones in chapter Pixel Mapping Layout

Channel				Function	Value	Output
ZONE 1	ZONE 2	ZONE 3	ZONE 4			
1 H	7 H	13 H	19 H	Zone intensity	00000-65535	0-100%
2 L	8 L	14 L	20 L			
3 H	9 H	15 H	21 H	X coordinate	00000-65535	0-0.8
4 L	10 L	16 L	22 L			
5 H	11 H	17 H	23 H	Y coordinate	00000-65535	0-0.8
6 L	12 L	18 L	24 L			
25				Fan control	000-255	See device control section
26				Device configuration	000-255	

3.21 P31 – Flex profile

This is a dynamic profile, where the first DMX channel selects the active profile, which are placed in the channels after the first.

Channel	Function	Value	Output
1	Profile select	000-004	P01 - 8 Bit CCT & TINT
		005-009	P02 - 16 Bit CCT & TINT
		010-014	P03 - 8 Bit HSI
		015-019	P04 - 16 Bit HSI
		020-024	P05 - 8 Bit RGB
		025-029	P06 - 16 Bit RGB
		030-034	P07 - 16 Bit X/Y
		035-039	P08 - 8 Bit Gel mode
		040-044	P09 - 8 Bit CCT/HSI crossfade
		045-049	P10 - 16 Bit CCT/HSI crossfade
		050-054	P11 - 8 Bit CCT/RGB crossfade
		055-059	P12 - 16 Bit CCT/RGB crossfade
		060-064	P13 - 16 Bit CCT & X/Y crossfade
		065-104	Reserved
		105-109	P22 - Effects
		110-114	Reserved
		115-119	P24 - 8 Bit Pixel mapping CCT & RGBW
		120-124	P25 - 16 Bit Pixel mapping CCT & RGBW
		125-129	P26 - 8 Bit Pixel mapping HSI
		130-134	P27 - 16 Bit Pixel mapping HSI
		135-139	P28 - 8 Bit Pixel mapping X/Y
		140-144	P29 - 16 Bit Pixel mapping X/Y
		145-255	Reserved
2-...	First channel in selected profile		See corresponding profile table

4. Device control via DMX

Some settings have a 3 second activation time to enable device control via manual DMX panels. Device control channel control should normally be kept in range 0-9. To activate a setting: Move control to the desired DMX setting value and hold for 3 seconds before moving it back to 0-9 range.

DMX Smoothing settings are activated instantly but not saved until held for 3 seconds.

4.1 Device control

Channel	Function	Value	Output	Activation
1	Fan control	000-009	Auto	Instant
		010-019	Max	Instant
		020-029	Silent	Instant
		030-255	Reserved	n/a
2	Device control	000-009	No changes	n/a
		010-019	DMX smoothing: off	Instant
		020-029	DMX smoothing: smooth	Instant
		030-039	DMX smoothing: super smooth	Instant
		040-049	Dimming curve: Linear	3 seconds
		050-059	Dimming curve: S-Curve	3 seconds
		060-069	Dimming curve: Exponential	3 seconds
		070-079	Dimming curve: Logarithmic	3 seconds
		080-089	RGBW Color space: Device	3 seconds
		090-099	RGBW Color space: Rec.709	3 seconds
		100-109	RGBW Color space: Rec.2020	3 seconds
		110-119	RGBW Color space: DCI-P3	3 seconds
		120-249	Reserved	n/a
		250-255	Reset all settings	3 seconds

Note: All RGBW Color spaces has white point of 6500K

5. Gel swatches

5.1 LEE Color Filters (Gel library DMX value 0-9)

Value	Gel number	Name - LEE Color Filters
000-001	2	Rose Pink
002-003	3	Lavender Tint
004-005	4	Medium Bastard Amber
006-007	7	Pale Yellow
008-009	8	Dark Salmon
010-011	9	Pale Amber Gold
012-013	10	Medium Yellow
014-015	13	Straw Tint
016-017	17	Surprise Peach
018-019	19	Fire
020-021	20	Medium Amber
022-023	21	Gold Amber
024-025	22	Dark Amber
026-027	24	Scarlet
028-029	25	Sunset Red
030-031	26	Bright Red
032-033	35	Light Pink
034-035	36	Medium Pink
036-037	46	Dark Magenta
038-039	48	Rose Purple
040-041	52	Light Lavender
042-043	53	Paler Lavender
044-045	58	Lavender
046-047	61	Mist Blue

Value	Gel number	Name - LEE Color Filters
048-049	63	Pale Blue
050-051	68	Sky Blue
052-053	75	Evening Blue
054-055	79	Just Blue
056-057	85	Deeper Blue
058-059	88	Lime Green
060-061	89	Moss Green
062-063	90	Dark Yellow Green
064-065	100	Spring Yellow
066-067	101	Yellow
068-069	102	Light Amber
070-071	103	Straw
072-073	104	Deep Amber
074-075	106	Primary Red
076-077	107	Light Rose
078-079	108	English Rose
080-081	109	Light Salmon
082-083	110	Middle Rose
084-085	111	Dark Pink
086-087	113	Magenta
088-089	115	Peacock Blue
090-091	117	Steel Blue
092-093	118	Light Blue
094-095	120	Deep Blue
096-097	121	LEE Green
098-099	122	Fern Green
100-101	124	Dark Green

Value	Gel number	Name - LEE Color Filters
102-103	127	Smokey Pink
104-105	128	Bright Pink
106-107	131	Marine Blue
108-109	134	Golden Amber
110-111	135	Deep Golden Amber
112-113	136	Pale Lavender
114-115	137	Special Lavender
116-117	138	Pale Green
118-119	140	Summer Blue
120-121	142	Pale Violet
122-123	143	Pale Navy Blue
124-125	144	No Color Blue
126-127	147	Apricot
128-129	148	Bright Rose
130-131	151	Gold Tint
132-133	152	Pale Gold
134-135	153	Pale Salmon
136-137	154	Pale Rose
138-139	156	Chocolate
140-141	157	Pink
142-143	159	No Colour Straw
144-145	161	Slate Blue
146-147	162	Bastard Amber
148-149	164	Flame Red
150-151	165	Daylight Blue
152-153	169	Lilac Tint
154-155	170	Deep Lavender

Value	Gel number	Name - LEE Color Filters
156-157	174	Dark Steel Blue
158-159	176	Loving Amber
160-161	180	Dark Lavender
162-163	182	Light Red
164-165	192	Flesh Pink
166-167	194	Surprise Pink
168-169	195	Zenith Blue
170-171	196	True Blue
172-173	197	Alice Blue
174-175	198	Palace Blue
176-177	199	Regal Blue
178-255	Reserved	

5.2 LEE Cosmetic (Gel library DMX value 10-19)

Value	Gel number	Name – LEE Cosmetics
000-001	184	Cosmetic Peach
002-003	186	Cosmetic Silver Rose
004-005	187	Cosmetic Rouge
006-007	188	Cosmetic Highlight
008-009	189	Cosmetic Silver Moss
010-011	191	Cosmetic Aqua Blue
012-013	705	Lily Frost
014-015	717	Shanklin Frost
016-017	718	Half Shanklin Frost
018-019	720	Durham Daylight Frost
020-021	749	Hampshire Rose
022-023	750	Durham Frost
024-025	774	Soft Amber Key 1
026-027	775	Soft Amber Key 2
028-029	791	Moroccan Frost
030-031	217	Blue Diffusion
032-033	221	Blue Frost
034-035	224	Daylight Blue Frost
036-255	Reserved	

5.3 LEE 600 series (Gel library DMX value 20-29)

Value	Gel number	Name – LEE 600 Series
000-001	600	Arctic White
002-003	601	Silver
004-005	602	Platinum
006-007	603	Moonlight White
008-009	604	Full CT 85
010-011	650	Industry Sodium
012-013	651	HI Sodium
014-015	652	Urban Sodium
016-017	653	LO Sodium
018-255	Reserved	

5.4 LEE 700 series (Gel library DMX value 30-39)

Value	Gel number	Name – LEE 700 Series
000-001	700	Perfect Lavender
002-003	701	Provence
004-005	702	Special Pale Lavender
006-007	703	Cold Lavender
008-009	704	Lily
010-011	706	King Fals Lavender
012-013	708	Cool Lavender
014-015	709	Electric Lilac
016-017	710	Spir Special Blue
018-019	711	Cold Blue
020-021	712	Bedford Blue
022-023	714	Elysian Blue
024-025	715	Cabana Blue
026-027	716	Mikkel Blue
028-029	719	Colour Wash Blue
030-031	721	Berry Blue
032-033	723	Virgin Blue
034-035	724	Ocean Blue
036-037	725	Old Steel Blue
038-039	728	Steel Green
040-041	730	Liberty Green
042-043	731	Dirty Ice
044-045	733	Damp Squib
046-047	738	JAS Green
048-049	742	Bram Brown
050-051	744	Dirty White

Value	Gel number	Name – LEE 700 Series
052-053	746	Brown
054-055	747	Easy White
056-057	748	Seedy Pink
058-059	763	Wheat
060-061	764	Sun Colour Straw
062-063	765	LEE Yellow
064-065	773	Cardbox Amber
066-067	776	Nectarine
068-069	778	Millenium Gold
070-071	779	Bastard Pink
072-073	781	Terry Red
074-075	789	Blood Red
076-077	790	Moroccan Pink
078-079	794	Pretty 'N Pink
080-081	795	Magical Magenta
082-255	Reserved	

5.5 LEE Color Correction (Gel library DMX value 40-49)

Value	Gel number	Name – LEE Color Correction
000-001	200	Double CTB
002-003	201	Full CTB
004-005	281	3/4 CTB
006-007	202	1/2 CTB
008-009	203	1/4 CTB
010-011	218	1/8 CTB
012-013	287	Double CTO
014-015	204	Full CTO
016-017	285	3/4 CTO
018-019	205	1/2 CTO
020-021	206	1/4 CTO
022-023	223	1/8 CTO
024-025	283	1 1/2 CTB
026-027	286	1 1/2 CTO
028-029	441	Full CTS
030-031	442	1/2 CTS
032-033	443	1/4 CTS
034-035	444	1/8 CTS
036-037	207	CTO + 0.3 ND
038-039	208	CTO + 0.6 ND
040-041	212	LCT Yellow (Y1)
042-043	213	White Flame Green
044-045	219	LEE Fluorescent Green
046-047	230	SC LCT Yellow
048-049	232	SC WF Green
050-051	236	H.M.I (to Tungsten)

Value	Gel number	Name – LEE Color Correction
052-053	237	C.I.D (to Tungsten)
054-055	238	C.S.I (to Tungsten)
056-057	241	LEE Fluoro 5700K
058-059	242	LEE Fluoro 4300K
060-061	243	LEE Fluoro 3600K
062-063	244	LEE Plus Green
064-065	245	1/2 Plus Green
066-067	246	1/4 Plus Green
068-069	278	1/8 Plus Green
070-071	247	LEE Minus Green
072-073	248	1/2 Minus Green
074-075	249	1/4 Minus Green
076-077	279	1/8 Minus Green
078-255	Reserved	

5.6 Rosco Cinelux (Gel library DMX value 50-59)

Value	Gel number	Name – Rosco Cinelux
000-001	2	Bastard Amber
002-003	302	Pale Bastard Amber
004-005	6	No Color Straw
006-007	8	Pale Gold
008-009	310	Daffodil
010-011	12	Straw
012-013	16	Light Amber
014-015	316	Gallo Gold
016-017	17	Light Flame
018-019	18	Flame
020-021	318	Mayan Sun
022-023	21	Golden Amber
024-025	321	Soft Golden Amber
026-027	23	Orange
028-029	325	Henna Sky
030-031	26	Light Red
032-033	33	No Color Pink
034-035	333	Blush Pink
036-037	34	Flesh Pink
038-039	37	Pale Rose Pink
040-041	41	Salmon
042-043	42	Deep Salmon
044-045	44	Middle Rose
046-047	47	Light Rose Purple
048-049	51	Surprise Pink
050-051	60	No Color Blue

Value	Gel number	Name – Rosco Cinelux
052-053	360	Clearwater
054-055	62	Booster Blue
056-057	362	Tipton Blue
058-059	364	Blue Bell
060-061	65	Daylight Blue
062-063	365	Tharon Delft Blue
064-065	375	Cerulean Blue
066-067	376	Bermuda Blue
068-069	77	Green Blue
070-071	378	Alice Blue
072-073	80	Primary Blue
074-075	381	Baldassari Blue
076-077	83	Medium Blue
078-079	87	Pale Yellow Green
080-081	88	Light Green
082-083	89	Moss Green
084-085	91	Primary Green
086-087	92	Turquoise
088-089	93	Blue Green
090-091	99	Chocolate
092-255	Reserved	

5.7 Rosco CalColor (Gel library DMX value 60-69)

Value	Gel number	Name – Rosco CalColor
000-001	4215	15 Blue
002-003	4230	30 Blue
004-005	4260	60 Blue
006-007	4290	90 Blue
008-009	4307	7.5 Cyan
010-011	4315	15 Cyan
012-013	4330	30 Cyan
014-015	4360	60 Cyan
016-017	4390	90 Cyan
018-019	4415	15 Green
020-021	4430	30 Green
022-023	4460	60 Green
024-025	4490	90 Green
026-027	4515	15 Yellow
028-029	4530	30 Yellow
030-031	4560	60 Yellow
032-033	4590	90 Yellow
034-035	4615	15 Red
036-037	4630	30 Red
038-039	4660	60 Red
040-041	4690	90 Red
042-043	4715	15 Magenta
044-045	4730	30 Magenta
046-047	4760	60 Magenta
048-049	4790	90 Magenta
050-051	4815	15 Pink

Value	Gel number	Name – Rosco CalColor
052-053	4830	30 Pink
054-055	4860	60 Pink
056-057	4890	90 Pink
058-059	4915	15 Lavender
060-061	4930	30 Lavender
062-063	4960	60 Lavender
064-065	4990	90 Lavender
066-255	Reserved	

5.8 Rosco Storaro (Gel library DMX value 70-79)

Value	Gel number	Name – Rosco Storaro
000-001	2001	Store Aero Red
002-003	2002	Store Aero Orange
004-005	2003	Store Aero Yellow
006-007	2004	Store Aero Green
008-009	2005	Store Aero Cyan
010-011	2006	Store Aero Azure
012-013	2007	Store Aero Blue
014-015	2008	Store Aero Indigo
016-017	2009	Store Aero Violet
018-019	2010	Store Aero Magenta
020-255	Reserved	

5.9 Rosco Color Correction (Gel library DMX value 80-89)

Value	Gel number	Name – Rosco Color Correction
000-001	3202	Full CTB
002-003	3203	3/4 CTB
004-005	3204	1/2 CTB
006-007	3206	1/3 CTB
008-009	3208	1/4 CTB
010-011	3216	1/8 CTB
012-013	3220	Double CTB
014-015	3407	Full CTO
016-017	3411	3/4 CTO
018-019	3408	1/2 CTO
020-021	3409	1/4 CTO
022-023	3410	1/8 CTO
024-025	3420	Double CTO
026-027	3441	Full CTS
028-029	3442	1/2 CTS
030-031	3443	1/4 CTS
032-033	3444	1/8 CTS
034-035	3304	Full Plus green
036-037	3315	1/2 Plus green
038-039	3316	1/4 Plus green
040-041	3317	1/8 Plus green
042-043	3308	Full Minus green
044-045	3309	3/4 Minus green
046-047	3313	1/2 Minus green
048-049	3314	1/4 Minus green
050-051	3318	1/8 Minus green

Value	Gel number	Name – Rosco Color Correction
052-053	3310	Fluoro filter
054-055	3150	Industrial Vapor
056-057	3152	Urban Vapor
058-059	3107	Tough Y - 1
060-061	3134	Tough MT54
062-063	3106	Tough MTY
064-065	3102	Tough MT2
066-255	Reserved	

6. Pixel Mapping Layout

The pixel mapping zones 1-4 referenced in the Pixel Mapping profiles control one separate zone of the light panel. The layout of these zones is shown in the diagrams below.

6.1 Front layout

Layout of Pixel Mapping Zones as seen if viewed from the front of the panel.

3	4
2	1

6.2 Back layout

Layout of Pixel Mapping zones as seen if viewed from the back of the panel.

4	3
1	2