

# 13 - DMX CHARTS

## THEATER

CH	1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch
1	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2		DIMMER FADE	CCT	DIMMER FINE	CCT	CCT	RED	DIMMER FINE	DIMMER FINE	DIMMER FINE
3			HUE	CCT	HUE	HUE	GREEN	RED	STROBE	STROBE
4			DIMMER FADE	HUE	STROBE	STROBE	BLUE	RED FINE	CCT	CCT
5				DIMMER FADE	DIMMER FADE	COLOR MACRO	WHITE	GREEN	HUE	HUE
6						DIMMER FADE	CCT	GREEN FINE	CROSSFADE FROM CCT TO COLOR	CROSSFADE FROM CCT TO COLOR
7							HUE	BLUE	RED	RED
8							STROBE	BLUE FINE	RED FINE	RED FINE
9							COLOR MACRO	WHITE	GREEN	GREEN
10							DIMMER FADE	WHITE FINE	GREEN FINE	GREEN FINE
11								CCT	BLUE	BLUE
12								HUE	BLUE FINE	BLUE FINE
13								STROBE	WHITE	WHITE
14								COLOR MACRO	WHITE FINE	WHITE FINE
15								DIMMER FADE	COLOR MACRO	COLOR MACRO
16									CTO ON COLORS	CTO ON COLORS
17									DIMMER FADE	DIMMER FADE
18										FX SELEC- TION
19										FX SPEED
20										FX FADE
21										CONTROL

## THEATER

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
1	1	1	1	1	1	1	1	1	1	<b>DIMMER</b> 0÷100%	000 ÷ 255	000
			2				2	2	2	<b>DIMMER FINE</b> 0÷100%	000 ÷ 255	000
								5	5	<b>HUE</b> 25 to 0 0 0 to +25	000 ÷ 126 127 ÷ 127 128 ÷ 255	127
								6	6	<b>CROSSFADE FROM CCT TO COLOR</b> 0÷100%	000 ÷ 255	000
						2	3	7	7	<b>RED</b> 0÷100%	000 ÷ 255	000
							4	8	8	<b>RED FINE</b> 0÷100%	000 ÷ 255	000
						3	5	9	9	<b>GREEN</b> 0÷100%	000 ÷ 255	000
							6	10	10	<b>GREEN FINE</b> 0÷100%	000 ÷ 255	000
						4	7	11	11	<b>BLUE</b> 0÷100%	000 ÷ 255	000
							8	12	12	<b>BLUE FINE</b> 0÷100%	000 ÷ 255	000
						5	9	13	13	<b>WHITE</b> 0÷100%	000 ÷ 255	000
							10	14	14	<b>WHITE FINE</b> 0÷100%	000 ÷ 255	000
		2	3	2	2			4	4	<b>CCT</b> 2800K - 3200K 3200K - 3500K 3500K - 4000K 4000K - 4500K 4500K - 5000K 5000K - 5600K 5600K - 6000K 6000K - 6500K	000 ÷ 031 032 ÷ 063 064 ÷ 095 096 ÷ 127 128 ÷ 159 160 ÷ 191 192 ÷ 223 224 ÷ 255	000
						6	11			<b>CCT</b> 2800K - 3200K 3200K - 3500K 3500K - 4000K 4000K - 4500K 4500K - 5000K 5000K - 5600K 5600K - 6000K 6000K - 6500K No Function	000 ÷ 030 031 ÷ 060 061 ÷ 090 091 ÷ 120 121 ÷ 150 151 ÷ 180 181 ÷ 210 211 ÷ 240 241 ÷ 255	000
		3	4	3	3	7	12			<b>HUE</b> 0 -25°÷25°	000 ÷ 000 001 ÷ 255	000
				4	4	8	13	3	3	<b>STROBE</b> Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
					5	9	14	15		<b>COLOR MACRO</b> No Function Amber Shift on Color Macro*	000 ÷ 002 003 ÷ 005 006 ÷ 255	000

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
								16	16	<b>CTO ON COLORS</b> 0÷100%	000 ÷ 255	000
	2	4	5	5	6	10	15	17	17	<b>DIMMER FADE</b> Read from menu 0÷100%	000 ÷ 000 001 ÷ 255	000
									18	<b>FX SELECTION</b> No Function Effect 1 Effect 2 Effect 3 Effect 4 Effect 5 Candle Cop Car1 Cop Car2 Cop Car3 Fire Fireworks Paparazzi Television Party Clouds Club Color Chase Strobe Lighting Explosion Fluorescent Process Pulsing Welding	000 ÷ 010 011 ÷ 020 021 ÷ 030 031 ÷ 040 041 ÷ 050 051 ÷ 060 061 ÷ 070 071 ÷ 080 081 ÷ 090 091 ÷ 100 101 ÷ 110 111 ÷ 120 121 ÷ 130 131 ÷ 140 141 ÷ 150 151 ÷ 160 161 ÷ 170 171 ÷ 180 181 ÷ 190 191 ÷ 200 201 ÷ 210 211 ÷ 220 221 ÷ 230 231 ÷ 240 241 ÷ 255	000
									19	<b>FX SPEED</b> 0÷100%	000 ÷ 255	000
									20	<b>FX FADE</b> 0÷100%	000 ÷ 255	000
									21	<b>CONTROL CHANNEL</b> No Function FAN MODE AUTO CONST. OUT. FAN MODE ON CONST. OUT. FAN MODE OFF CONST. OUT. FAN MODE SILENT 1 CONST. OUT. FAN MODE SILENT 2 CONST. OUT. LED FREQUENCY 600HZ LED FREQUENCY 1200HZ LED FREQUENCY 2000HZ LED FREQUENCY 4000HZ LED FREQUENCY 6000HZ LED FREQUENCY 25KHZ LED FREQUENCY 36KHZ FAN MODE AUTO DYNAMIC OUT. FAN MODE ON DYNAMIC OUT. FAN MODE OFF DYNAMIC OUT. FAN MODE SILENT 1 DYNAMIC OUT. FAN MODE SILENT 2 DYNAMIC OUT. DIMMER SPEED AUTO DIMMER SPEED FAST DIMMER MEDIUM DIMMER SLOW DIMMER CURVE LINEAR DIMMER CURVE S-CURVE DIMMER CURVE SQUARE LAW DIMMER CURVE INV. SQUARE LAW DIMMER CURVE HIGH RES@LOW DIMMER END SNAP OFF @ END DIMMER END FADE OFF @ END LED FREQUENCY 10KHZ LED FREQUENCY 12KHZ LED FREQUENCY 15KHZ LED FREQUENCY 20KHZ	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065	000

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
										DIMMER SPEED OFF SPEKTRA CALIBRATION ON SPEKTRA CALIBRATION PURE COLORS SPEKTRA CALIBRATION OFF RESERVED RESET ALL CHANNELS CONTROLLED	066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 253 254 ÷ 255	000
									15	<b>COLOR MACRO</b> Open Red Green Blue Cyan Magenta Yellow Dirty White Alice Blue Congo Blue Dark Steel Blue Deep Lavender Lilac Ting Daylight Blue Flame Red Bastard Amber Deep Orange Pale Gold Apricot Bright Blue Primary Green Special Lavender Pale Lavender Deep Golden Amber Medium Blue Bright Pink Mauve Dark Green Lee Green Dark Blue Light Blue Steel Blue Medium Blue-Green Peacock Blue Magenta Dark Pink Middle Rose Light Salmon English Rose Light Rose Orange Deep Amber Straw Light Amber Spring Yellow Dark Yellow Green Just Blue Sky Blue	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065 066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 075 076 ÷ 077 078 ÷ 079 080 ÷ 081 082 ÷ 083 084 ÷ 085 086 ÷ 087 088 ÷ 089 090 ÷ 091 092 ÷ 093 094 ÷ 095	000

1 Ch	2 Ch	4 Ch	5 Ch "1"	5 Ch "2"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch	FUNCTION	DMX Value	Default
										Lavender	096 ÷ 097	000
										Light Lavender	098 ÷ 099	
										Pink Carnation	100 ÷ 101	
										Medium Pink	102 ÷ 103	
										Light Pink	104 ÷ 105	
										Sunset Red	106 ÷ 107	
										Dark Amber	108 ÷ 109	
										Gold Amber	110 ÷ 111	
										Medium Amber	112 ÷ 113	
										Fire	114 ÷ 115	
										Surprise Peach	116 ÷ 117	
										Straw Tint	118 ÷ 119	
										Medium Yellow	120 ÷ 121	
										Lee Minus Green	122 ÷ 123	
										Pale Gold	124 ÷ 125	
										Orange	126 ÷ 127	
										Deep Straw	128 ÷ 129	
										Rose Purple	130 ÷ 131	
										Deep Purple	132 ÷ 133	
										Soft Green	134 ÷ 135	
										Reserved	136 ÷ 211	
									15	2800K	212 ÷ 213	
										3000K	214 ÷ 215	
										3200K	216 ÷ 217	
										3400K	218 ÷ 219	
										3600K	220 ÷ 221	
										3800K	222 ÷ 223	
										4000K	224 ÷ 225	
										4200K	226 ÷ 227	
										4400K	228 ÷ 229	
										4600K	230 ÷ 231	
										4800K	232 ÷ 233	
										5000K	234 ÷ 235	
										5200K	236 ÷ 237	
										5400K	238 ÷ 239	
										5600K	240 ÷ 241	
										6000K	242 ÷ 243	
										6500K	244 ÷ 245	
										7000K	246 ÷ 247	
										8000K	248 ÷ 249	
										9000K	250 ÷ 251	
										10000K	252 ÷ 253	
										Full On	254 ÷ 255	

## TOUR

Channel	4 Ch	6 Ch	10 Ch	11 Ch	15 Ch
1	RED	DIMMER	DIMMER	DIMMER	DIMMER
2	GREEN	RED	RED	DIMMER FINE	DIMMER FINE
3	BLUE	GREEN	GREEN	RED	RED
4	WHITE	BLUE	BLUE	RED FINE	RED FINE
5		WHITE	WHITE	GREEN	GREEN
6		STROBE	STROBE	GREEN FINE	GREEN FINE
7			CCT	BLUE	BLUE
8			EFFECTS	BLUE FINE	BLUE FINE
9			EFFECTS SPEED	WHITE	WHITE
10			DIMMER FADE	WHITE FINE	WHITE FINE
11				STROBE	STROBE
12					CCT
13					EFFECTS
14					EFFECTS SPEED
15					DIMMER FADE

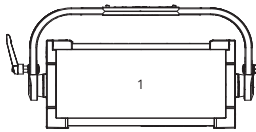
# TOUR

4 Ch	6 Ch	10 Ch	11 Ch	15 Ch	FUNCTION	DMX Value	Default
	1	1	1	1	<b>DIMMER</b> 0÷100%	000 ÷ 255	000
			2	2	<b>DIMMER FINE</b>	000 ÷ 255	000
1	2	2	3	3	<b>RED</b> 0÷100%	000 ÷ 255	255
			4	4	<b>RED FINE</b>	000 ÷ 255	255
2	3	3	5	5	<b>GREEN</b> 0÷100%	000 ÷ 255	255
			6	6	<b>GREEN FINE</b>	000 ÷ 255	255
3	4	4	7	7	<b>BLUE</b> 0÷100%	000 ÷ 255	255
			8	8	<b>BLUE FINE</b>	000 ÷ 255	255
4	5	5	9	9	<b>WHITE</b> 0÷100%	000 ÷ 255	255
			10	10	<b>WHITE FINE</b>	000 ÷ 255	255
	6	6	11	11	<b>STROBE</b> Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
		7		12	<b>CCT</b> No Function 2800K 3200K 3500K 4000K 4500K 5000K 5600K 6000K 6500K No Function	000 ÷ 005 006 ÷ 030 031 ÷ 055 056 ÷ 080 081 ÷ 105 106 ÷ 130 131 ÷ 155 156 ÷ 180 181 ÷ 205 206 ÷ 230 231 ÷ 255	000
		8		13	<b>EFFECTS</b> No Function Effect 1 Effect 2 Effect 3 Effect 4 Effect 5 Candle Cop Car1 Cop Car2 Cop Car3 Fire Fireworks Paparazzi Television Party Clouds Club Color Chase Strobe Lighting Explosion Fluorescent Process Pulsing Welding	000 ÷ 010 011 ÷ 020 021 ÷ 030 031 ÷ 040 041 ÷ 050 051 ÷ 060 061 ÷ 070 071 ÷ 080 081 ÷ 090 091 ÷ 100 101 ÷ 110 111 ÷ 120 121 ÷ 130 131 ÷ 140 141 ÷ 150 151 ÷ 160 161 ÷ 170 171 ÷ 180 181 ÷ 190 191 ÷ 200 201 ÷ 210 211 ÷ 220 221 ÷ 230 231 ÷ 240 241 ÷ 255	000
		9		14	<b>EFFECTS SPEED</b> Speed slow to fast	000 ÷ 255	128
		10		15	<b>DIMMER FADE</b> Read from menu 0÷100%	000 ÷ 000 001 ÷ 255	000

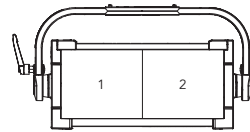
## PIXEL

### PIXEL LAYOUT

The following drawing describes the pixels distribution and their position on the product light emitting surface. Check the DMX mode selected to identify the related Pixel layout.



1 Pixel



2 Pixel

Channel	1	2
1	DIMMER	DIMMER
2	STROBE	STROBE
3	DIMMER FADE	DIMMER FADE
4	RED1	RED1
5	GREEN1	GREEN1
6	BLUE1	BLUE1
7	WHITE1	WHITE1
8		RED2
9		GREEN2
10		BLUE2
11		WHITE2

1	2	FUNCTION	DMX Value	Default
1	1	<b>DIMMER</b> 0÷100%	000 ÷ 255	000
2	2	<b>STROBE</b> Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
3	3	<b>DIMMER FADE</b> Read from menu 0÷100%	000 ÷ 000 001 ÷ 255	000
4	4	<b>RED1</b> 0÷100%	000 ÷ 255	255
5	5	<b>GREEN1</b> 0÷100%	000 ÷ 255	255
6	6	<b>BLUE1</b> 0÷100%	000 ÷ 255	255
7	7	<b>WHITE1</b> 0÷100%	000 ÷ 255	255
	8	<b>RED2</b> 0÷100%	000 ÷ 255	255
	9	<b>GREEN2</b> 0÷100%	000 ÷ 255	255
	10	<b>BLUE2</b> 0÷100%	000 ÷ 255	255
	11	<b>WHITE2</b> 0÷100%	000 ÷ 255	255

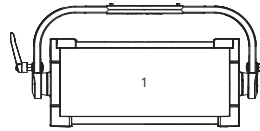


## FILM

Ch	1M12Ch	2M20Ch	3M17Ch	4M33Ch	XY
1	DIMMER	DIMMER	PIXEL 1 DIMMER	PIXEL 1 DIMMER	DIMMER
2	CCT	DIMMER FINE	PIXEL 1 CCT	PIXEL 1 DIMMER FINE	DIMMER FINE
3	HUE	CCT	PIXEL 1 HUE	PIXEL 1 CCT	STROBE
4	CROSSFADE FROM CCT TO COLOR	CCT FINE	PIXEL 1 CROSSFADE FROM CCT TO COLOR	PIXEL 1 CCT FINE	CCT
5	RED	HUE	PIXEL 1 RED	PIXEL 1 HUE	TINT
6	GREEN	HUE FINE	PIXEL 1 GREEN	PIXEL 1 HUE FINE	X 1
7	BLUE	CROSSFADE FROM CCT TO COLOR	PIXEL 1 BLUE	PIXEL 1 CROSSFADE FROM CCT TO COLOR	X 1 FINE
8	WHITE	CROSSFADE FROM CCT TO COLOR FINE	PIXEL 1 WHITE	PIXEL 1 CROSSFADE FROM CCT TO COLOR FINE	Y 1
9	FAN CONTROL	RED	PIXEL 2 DIMMER	PIXEL 1 RED	Y 1 FINE
10	COLOR MACRO	RED FINE	PIXEL 2 CCT	PIXEL 1 RED FINE	CROSSFADE FROM LAYER 1 TO LAYER 2
11	STROBE	GREEN	PIXEL 2 HUE	PIXEL 1 GREEN	X 2
12	CONTROL	GREEN FINE	PIXEL 2 CROSSFADE FROM CCT TO COLOR	PIXEL 1 GREEN FINE	X 2 FINE
13		BLUE	PIXEL 2 RED	PIXEL 1 BLUE	Y 2
14		BLUE FINE	PIXEL 2 GREEN	PIXEL 1 BLUE FINE	Y 2 FINE
15		WHITE	PIXEL 2 BLUE	PIXEL 1 WHITE	COLOR MACRO
16		WHITE FINE	PIXEL 2 WHITE	PIXEL 1 WHITE FINE	CTO ON COLORS
17		FAN CONTROL	CONTROL	PIXEL 2 DIMMER	CONTROL
18		COLOR MACRO		PIXEL 2 DIMMER FINE	
19		STROBE		PIXEL 2 CCT	
20		CONTROL		PIXEL 2 CCT FINE	
21				PIXEL 2 HUE	
22				PIXEL 2 HUE FINE	
23				PIXEL 2 CROSSFADE FROM CCT TO COLOR	
24				PIXEL 2 CROSSFADE FROM CCT TO COLOR FINE	
25				PIXEL 2 RED	
26				PIXEL 2 RED FINE	
27				PIXEL 2 GREEN	
28				PIXEL 2 GREEN FINE	
29				PIXEL 2 BLUE	
30				PIXEL 2 BLUE FINE	
31				PIXEL 2 WHITE	
32				PIXEL 2 WHITE FINE	
33				CONTROL	

# PIXEL LAYOUT

## FILM 1M12Ch and 2M20Ch

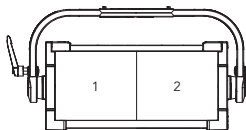


1M 12Ch	2M 20Ch	FUNCTION	DMX Value	Default
1	1	<b>DIMMER</b> 0÷100%	000 ÷ 255	000
	2	<b>DIMMER FINE</b>	000 ÷ 255	000
2	3	<b>CCT</b> 2800K - 3000K 3000K - 3200K 3200K - 3400K 3400K - 3600K 3600K - 3800K 3800K - 4000K 4000K - 4200K 4200K - 4400K 4400K - 4600K 4600K - 4800K 4800K - 5000K 5000K - 5200K 5200K - 5400K 5400K - 5600K 5600K - 5800K 5800K - 6000K 6000K - 6200K 6200K - 6400K 6400K - 6600K 6600K - 6800K 6800K - 7000K 7000K - 7200K 7200K - 7400K 7400K - 7600K 7600K - 7800K 7800K - 8000K 8000K - 8200K 8200K - 8400K 8400K - 8600K 8600K - 8800K 8800K - 9000K 9000K - 9200K 9200K - 9400K 9400K - 9600K 9600K - 9800K 9800K - 10000K	000 ÷ 007 007 ÷ 014 014 ÷ 021 021 ÷ 028 028 ÷ 035 035 ÷ 042 042 ÷ 049 049 ÷ 056 056 ÷ 063 063 ÷ 070 070 ÷ 077 077 ÷ 084 084 ÷ 091 091 ÷ 098 098 ÷ 105 105 ÷ 112 112 ÷ 119 119 ÷ 126 126 ÷ 133 133 ÷ 140 140 ÷ 147 147 ÷ 154 154 ÷ 161 161 ÷ 168 168 ÷ 175 175 ÷ 182 182 ÷ 189 189 ÷ 196 196 ÷ 203 203 ÷ 210 210 ÷ 217 217 ÷ 224 224 ÷ 231 231 ÷ 238 238 ÷ 245 245 ÷ 255	000
	4	<b>CCT FINE</b>	000 ÷ 255	000
3	5	<b>HUE</b> Neutral / no effect Full minus green -99% --> -1% Neutral / no effect 1% --> 99% Full plus green	000 ÷ 010 011 ÷ 020 021 ÷ 119 120 ÷ 145 146 ÷ 244 245 ÷ 255	000
	6	<b>HUE FINE</b>	000 ÷ 255	000
4	7	<b>CROSSFADE FROM CCT TO COLOR</b> 0÷100%	000 ÷ 255	000
	8	<b>CROSSFADE FROM CCT TO COLOR FINE</b>	000 ÷ 255	000
5	9	<b>RED</b> 0÷100%	000 ÷ 255	000
	10	<b>RED FINE</b>	000 ÷ 255	000
6	11	<b>GREEN</b> 0÷100%	000 ÷ 255	000

1M 12Ch	2M 20Ch	FUNCTION	DMX Value	Default
	12	<b>GREEN FINE</b>	000 ÷ 255	000
7	13	<b>BLUE</b> 0÷100%	000 ÷ 255	000
	14	<b>BLUE FINE</b>	000 ÷ 255	000
8	15	<b>WHITE</b> 0÷100%	000 ÷ 255	000
	16	<b>WHITE FINE</b>	000 ÷ 255	000
9	17	<b>FAN CONTROL</b> Use Fan Mode setting of fixture menu QUIET 1 Mode AUTO Mode TURBO Mode Not Used QUIET 2 Mode Off Mode	000 ÷ 009 010 ÷ 057 058 ÷ 105 106 ÷ 153 154 ÷ 201 202 ÷ 249 250 ÷ 255	000
10	18	<b>COLOR MACRO</b> Open Red Green Blue Cyan Magenta Yellow Dirty White Alice Blue Congo Blue Dark Steel Blue Deep Lavender Lilac Ting Daylight Blue Flame Red Bastard Amber Deep Orange Pale Gold Apricot Bright Blue Primary Green Special Lavender Pale Lavender Deep Golden Amber Medium Blue Bright Pink Mauve Dark Green Lee Green Dark Blue Light Blue Steel Blue Medium Blue-Green Peacock Blue Magenta Dark Pink Middle Rose Light Salmon English Rose Light Rose Orange Deep Amber Straw Light Amber Spring Yellow Dark Yellow Green Just Blue Sky Blue Lavender Light Lavender Pink Carnation Medium Pink Light Pink Sunset Red Dark Amber Gold Amber Medium Amber	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065 066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 075 076 ÷ 077 078 ÷ 079 080 ÷ 081 082 ÷ 083 084 ÷ 085 086 ÷ 087 088 ÷ 089 090 ÷ 091 092 ÷ 093 094 ÷ 095 096 ÷ 097 098 ÷ 099 100 ÷ 101 102 ÷ 103 104 ÷ 105 106 ÷ 107 108 ÷ 109 110 ÷ 111 112 ÷ 113	000

1M 12Ch	2M 20Ch	FUNCTION	DMX Value	Default
10	18	Fire	114 ÷ 115	000
		Surprise Peach	116 ÷ 117	
		Straw Tint	118 ÷ 119	
		Medium Yellow	120 ÷ 121	
		Lee Minus Green	122 ÷ 123	
		Pale Gold	124 ÷ 125	
		Orange	126 ÷ 127	
		Deep Straw	128 ÷ 129	
		Rose Purple	130 ÷ 131	
		Deep Purple	132 ÷ 133	
		Soft Green	134 ÷ 135	
		Reserved	136 ÷ 211	
		2800K	212 ÷ 213	
		3000K	214 ÷ 215	
		3200K	216 ÷ 217	
		3400K	218 ÷ 219	
		3600K	220 ÷ 221	
		3800K	222 ÷ 223	
		4000K	224 ÷ 225	
		4200K	226 ÷ 227	
		4400K	228 ÷ 229	
		4600K	230 ÷ 231	
		4800K	232 ÷ 233	
		5000K	234 ÷ 235	
		5200K	236 ÷ 237	
		5400K	238 ÷ 239	
		5600K	240 ÷ 241	
		6000K	242 ÷ 243	
		6500K	244 ÷ 245	
		7000K	246 ÷ 247	
		8000K	248 ÷ 249	
		9000K	250 ÷ 251	
		10000K	252 ÷ 253	
		Full On	254 ÷ 255	
11	19	<b>STROBE</b>		000
		Open	000-019	
		1 flash/s -> 25 flashes/s	020-255	
12	20	<b>CONTROL CHANNEL</b>		000
		No Function	000 ÷ 001	
		FAN MODE AUTO CONST. OUT.	002 ÷ 003	
		FAN MODE ON CONST. OUT.	004 ÷ 005	
		FAN MODE OFF CONST. OUT.	006 ÷ 007	
		FAN MODE SILENT 1 CONST. OUT.	008 ÷ 009	
		FAN MODE SILENT 2 CONST. OUT.	010 ÷ 011	
		LED FREQUENCY 600HZ	012 ÷ 013	
		LED FREQUENCY 1200HZ	014 ÷ 015	
		LED FREQUENCY 2000HZ	016 ÷ 017	
		LED FREQUENCY 4000HZ	018 ÷ 019	
		LED FREQUENCY 6000HZ	020 ÷ 021	
		LED FREQUENCY 25KHZ	022 ÷ 023	
		LED FREQUENCY 36KHZ	024 ÷ 025	
		FAN MODE AUTO DYNAMIC OUT.	026 ÷ 027	
		FAN MODE ON DYNAMIC OUT.	028 ÷ 029	
		FAN MODE OFF DYNAMIC OUT.	030 ÷ 031	
		FAN MODE SILENT 1 DYNAMIC OUT.	032 ÷ 033	
		FAN MODE SILENT 2 DYNAMIC OUT.	034 ÷ 035	
		DIMMER SPEED AUTO	036 ÷ 037	
		DIMMER SPEED FAST	038 ÷ 039	
		DIMMER SPEED MEDIUM	040 ÷ 041	
		DIMMER SPEED SLOW	042 ÷ 043	
		DIMMER CURVE LINEAR	044 ÷ 045	
		DIMMER CURVE S-CURVE	046 ÷ 047	
		DIMMER CURVE SQUARE LAW	048 ÷ 049	
		DIMMER CURVE INV. SQUARE LAW	050 ÷ 051	
		DIMMER CURVE HIGH RES@LOW	052 ÷ 053	
		DIMMER END SNAP OFF @ END	054 ÷ 055	
		DIMMER END FADE OFF @ END	056 ÷ 057	
		LED FREQUENCY 10KHZ	058 ÷ 059	
		LED FREQUENCY 12KHZ	060 ÷ 061	
		LED FREQUENCY 15KHZ	062 ÷ 063	
		LED FREQUENCY 20KHZ	064 ÷ 065	
		DIMMER SPEED OFF	066 ÷ 067	
		SPEKTRA CALIBRATION ON	068 ÷ 069	
		SPEKTRA CALIBRATION PURE COLORS	070 ÷ 071	
		SPEKTRA CALIBRATION OFF	072 ÷ 073	
		RESERVED	074 ÷ 253	
		RESET ALL CHANNELS CONTROLLED	254 ÷ 255	

# PIXEL LAYOUT



## FILM

3M17Ch and 4M33Ch

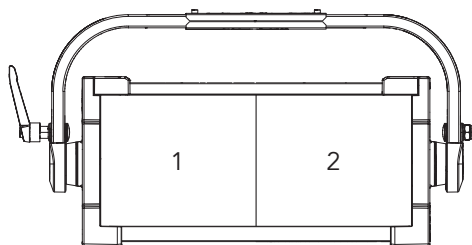
3M17Ch	4M33Ch	FUNCTION	DMX Value	Default
1	1	<b>PIXEL 1 DIMMER</b> 0÷100%	000 ÷ 255	000
	2	<b>PIXEL 1 DIMMER FINE</b>	000 ÷ 255	000
2	3	<b>PIXEL 1 CCT</b> 2800K - 3000K 3000K - 3200K 3200K - 3400K 3400K - 3600K 3600K - 3800K 3800K - 4000K 4000K - 4200K 4200K - 4400K 4400K - 4600K 4600K - 4800K 4800K - 5000K 5000K - 5200K 5200K - 5400K 5400K - 5600K 5600K - 5800K 5800K - 6000K 6000K - 6200K 6200K - 6400K 6400K - 6600K 6600K - 6800K 6800K - 7000K 7000K - 7200K 7200K - 7400K 7400K - 7600K 7600K - 7800K 7800K - 8000K 8000K - 8200K 8200K - 8400K 8400K - 8600K 8600K - 8800K 8800K - 9000K 9000K - 9200K 9200K - 9400K 9400K - 9600K 9600K - 9800K 9800K - 10000K	000 ÷ 007 007 ÷ 014 014 ÷ 021 021 ÷ 028 028 ÷ 035 035 ÷ 042 042 ÷ 049 049 ÷ 056 056 ÷ 063 063 ÷ 070 070 ÷ 077 077 ÷ 084 084 ÷ 091 091 ÷ 098 098 ÷ 105 105 ÷ 112 112 ÷ 119 119 ÷ 126 126 ÷ 133 133 ÷ 140 140 ÷ 147 147 ÷ 154 154 ÷ 161 161 ÷ 168 168 ÷ 175 175 ÷ 182 182 ÷ 189 189 ÷ 196 196 ÷ 203 203 ÷ 210 210 ÷ 217 217 ÷ 224 224 ÷ 231 231 ÷ 238 238 ÷ 245 245 ÷ 255	000
	4	<b>PIXEL 1 CCT FINE</b>	000 ÷ 255	000
3	5	<b>PIXEL 1 HUE</b> Neutral / no effect Full minus green -99% --> -1% Neutral / no effect 1% --> 99% Full plus green	000 ÷ 010 011 ÷ 020 021 ÷ 119 120 ÷ 145 146 ÷ 244 245 ÷ 255	000
	6	<b>PIXEL 1 HUE FINE</b>	000 ÷ 255	000
4	7	<b>PIXEL 1 CROSSFADE FROM CCT TO COLOR</b> 0÷100%	000 ÷ 255	000
	8	<b>PIXEL 1 CROSSFADE FROM CCT TO COLOR FINE</b>	000 ÷ 255	000
5	9	<b>PIXEL 1 RED</b> 0÷100%	000 ÷ 255	000

3M17Ch	4M33Ch	FUNCTION	DMX Value	Default
	10	PIXEL 1 RED FINE	000 ÷ 255	000
6	11	PIXEL 1 GREEN 0÷100%	000 ÷ 255	000
	12	PIXEL 1 GREEN FINE	000 ÷ 255	000
7	13	PIXEL 1 BLUE 0÷100%	000 ÷ 255	000
	14	PIXEL 1 BLUE FINE	000 ÷ 255	000
8	15	PIXEL 1 WHITE 0÷100%	000 ÷ 255	000
	16	PIXEL 1 WHITE FINE	000 ÷ 255	000
9	17	PIXEL 2 DIMMER 0÷100%	000 ÷ 255	000
	18	PIXEL 2 DIMMER FINE	000 ÷ 255	000
10	19	PIXEL 2 CCT 2800K - 3000K 3000K - 3200K 3200K - 3400K 3400K - 3600K 3600K - 3800K 3800K - 4000K 4000K - 4200K 4200K - 4400K 4400K - 4600K 4600K - 4800K 4800K - 5000K 5000K - 5200K 5200K - 5400K 5400K - 5600K 5600K - 5800K 5800K - 6000K 6000K - 6200K 6200K - 6400K 6400K - 6600K 6600K - 6800K 6800K - 7000K 7000K - 7200K 7200K - 7400K 7400K - 7600K 7600K - 7800K 7800K - 8000K 8000K - 8200K 8200K - 8400K 8400K - 8600K 8600K - 8800K 8800K - 9000K 9000K - 9200K 9200K - 9400K 9400K - 9600K 9600K - 9800K 9800K - 10000K	000 ÷ 007 007 ÷ 014 014 ÷ 021 021 ÷ 028 028 ÷ 035 035 ÷ 042 042 ÷ 049 049 ÷ 056 056 ÷ 063 063 ÷ 070 070 ÷ 077 077 ÷ 084 084 ÷ 091 091 ÷ 098 098 ÷ 105 105 ÷ 112 112 ÷ 119 119 ÷ 126 126 ÷ 133 133 ÷ 140 140 ÷ 147 147 ÷ 154 154 ÷ 161 161 ÷ 168 168 ÷ 175 175 ÷ 182 182 ÷ 189 189 ÷ 196 196 ÷ 203 203 ÷ 210 210 ÷ 217 217 ÷ 224 224 ÷ 231 231 ÷ 238 238 ÷ 245 245 ÷ 255	000
	20	PIXEL 2 CCT FINE	000 ÷ 255	000
11	21	PIXEL 2 HUE Neutral / no effect Full minus green -99% --> -1% Neutral / no effect 1% --> 99% Full plus green	000 ÷ 010 011 ÷ 020 021 ÷ 119 120 ÷ 145 146 ÷ 244 245 ÷ 255	000
	22	PIXEL 2 HUE FINE	000 ÷ 255	000
12	23	PIXEL 2 CROSSFADE FROM CCT TO COLOR 0÷100%	000 ÷ 255	000
	24	PIXEL 2 CROSSFADE FROM CCT TO COLOR FINE	000 ÷ 255	000

3M17Ch	4M33Ch	FUNCTION	DMX Value	Default
13	25	<b>PIXEL 2 RED</b> 0÷100%	000 ÷ 255	000
	26	<b>PIXEL 2 RED FINE</b>	000 ÷ 255	000
14	27	<b>PIXEL 2 GREEN</b> 0÷100%	000 ÷ 255	000
	28	<b>PIXEL 2 GREEN FINE</b>	000 ÷ 255	000
15	29	<b>PIXEL 2 BLUE</b> 0÷100%	000 ÷ 255	000
	30	<b>PIXEL 2 BLUE FINE</b>	000 ÷ 255	000
16	31	<b>PIXEL 2 WHITE</b> 0÷100%	000 ÷ 255	000
	32	<b>PIXEL 2 WHITE FINE</b>	000 ÷ 255	000
17	33	<b>CONTROL</b> Use Fan Mode setting of fixture menu QUIET 1 Mode AUTO Mode TURBO Mode AUTO Mode (AUTO CO) SILENT 1 Mode (SILENT 1 CO) SILENT 2 Mode (SILENT 2 CO) HIGH Mode (HIGH CO) OFF Mode (OFF CO) DIMMER SPEED AUTO DIMMER SPEED FAST DIMMER SPEED MEDIUM DIMMER SPEED SLOW DIMMER CURVE LINEAR DIMMER CURVE S-CURVE DIMMER CURVE SQUARE LAW DIMMER CURVE INV. SQUARE LAW DIMMER CURVE HIGH RES@LOW LED FREQUENCY 600HZ LED FREQUENCY 1200HZ LED FREQUENCY 2000HZ LED FREQUENCY 4000HZ LED FREQUENCY 6000HZ LED FREQUENCY 25KHZ LED FREQUENCY 36KHZ DIMMER END SNAP OFF @ END RESET ALL CHANNELS CONTROLLED DIMMER END FADE OFF @ END QUIET 2 Mode LED FREQUENCY 10KHZ LED FREQUENCY 12KHZ LED FREQUENCY 15KHZ LED FREQUENCY 20KHZ DIMMER SPEED OFF SPEKTRA CALIBRATION ON SPEKTRA CALIBRATION PURE COLORS SPEKTRA CALIBRATION OFF RESERVED Off Mode	000 ÷ 009 010 ÷ 057 058 ÷ 105 106 ÷ 153 154 ÷ 155 156 ÷ 157 158 ÷ 159 160 ÷ 161 162 ÷ 163 164 ÷ 165 166 ÷ 167 168 ÷ 169 170 ÷ 171 172 ÷ 173 174 ÷ 175 176 ÷ 177 178 ÷ 179 180 ÷ 181 182 ÷ 183 184 ÷ 185 186 ÷ 187 188 ÷ 189 190 ÷ 191 192 ÷ 193 194 ÷ 195 196 ÷ 197 198 ÷ 199 200 ÷ 201 202 ÷ 203 204 ÷ 205 206 ÷ 207 208 ÷ 209 210 ÷ 211 212 ÷ 213 214 ÷ 215 216 ÷ 217 218 ÷ 219 220 ÷ 249 250 ÷ 255	000

**FILM**  
5M17Ch and 6M33Ch

Ch	5M17Ch	Ch	6M33Ch
1	CONTROL	1	CONTROL
2	PIXEL 1 DIMMER	2	PIXEL 1 DIMMER
3	PIXEL 1 CCT	3	PIXEL 1 DIMMER FINE
4	PIXEL 1 HUE	4	PIXEL 1 CCT
5	PIXEL 1 CROSSFADE FROM CCT TO COLOR	5	PIXEL 1 CCT FINE
6	PIXEL 1 RED	6	PIXEL 1 HUE
7	PIXEL 1 GREEN	7	PIXEL 1 HUE FINE
8	PIXEL 1 BLUE	8	PIXEL 1 CROSSFADE FROM CCT TO COLOR
9	PIXEL 1 WHITE	9	PIXEL 1 CROSSFADE FROM CCT TO COLOR FINE
10	PIXEL 2 DIMMER	10	PIXEL 1 RED
11	PIXEL 2 CCT	11	PIXEL 1 RED FINE
12	PIXEL 2 HUE	12	PIXEL 1 GREEN
13	PIXEL 2 CROSSFADE FROM CCT TO COLOR	13	PIXEL 1 GREEN FINE
14	PIXEL 2 RED	14	PIXEL 1 BLUE
15	PIXEL 2 GREEN	15	PIXEL 1 BLUE FINE
16	PIXEL 2 BLUE	16	PIXEL 1 WHITE
17	PIXEL 2 WHITE	17	PIXEL 1 WHITE FINE
PIXEL LAYOUT		18	PIXEL 2 DIMMER
		19	PIXEL 2 DIMMER FINE
		20	PIXEL 2 CCT
		21	PIXEL 2 CCT FINE
		22	PIXEL 2 HUE
		23	PIXEL 2 HUE FINE
		24	PIXEL 2 CROSSFADE FROM CCT TO COLOR
		25	PIXEL 2 CROSSFADE FROM CCT TO COLOR FINE
		26	PIXEL 2 RED
		27	PIXEL 2 RED FINE
		28	PIXEL 2 GREEN
		29	PIXEL 2 GREEN FINE
		30	PIXEL 2 BLUE
		31	PIXEL 2 BLUE FINE
		32	PIXEL 2 WHITE
		33	PIXEL 2 WHITE FINE





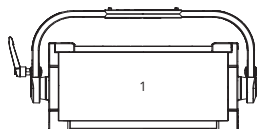
5M17Ch	6M33Ch	FUNCTION	DMX Value	Default
1	1	<b>CONTROL CHANNEL</b>		
		No Function	000 ÷ 001	
		FAN MODE AUTO CONST. OUT.	002 ÷ 003	
		FAN MODE ON CONST. OUT.	004 ÷ 005	
		FAN MODE OFF CONST. OUT.	006 ÷ 007	
		FAN MODE SILENT 1 CONST. OUT.	008 ÷ 009	
		FAN MODE SILENT 2 CONST. OUT.	010 ÷ 011	
		LED FREQUENCY 600HZ	012 ÷ 013	
		LED FREQUENCY 1200HZ	014 ÷ 015	
		LED FREQUENCY 2000HZ	016 ÷ 017	
		LED FREQUENCY 4000HZ	018 ÷ 019	
		LED FREQUENCY 6000HZ	020 ÷ 021	
		LED FREQUENCY 25KHZ	022 ÷ 023	
		LED FREQUENCY 36KHZ	024 ÷ 025	
		FAN MODE AUTO DYNAMIC OUT.	026 ÷ 027	
		FAN MODE ON DYNAMIC OUT.	028 ÷ 029	
		FAN MODE OFF DYNAMIC OUT.	030 ÷ 031	
		FAN MODE SILENT 1 DYNAMIC OUT.	032 ÷ 033	
		FAN MODE SILENT 2 DYNAMIC OUT.	034 ÷ 035	
		DIMMER SPEED AUTO	036 ÷ 037	000
		DIMMER SPEED FAST	038 ÷ 039	
		DIMMER SPEED MEDIUM	040 ÷ 041	
		DIMMER SPEED SLOW	042 ÷ 043	
		DIMMER CURVE LINEAR	044 ÷ 045	
		DIMMER CURVE S-CURVE	046 ÷ 047	
		DIMMER CURVE SQUARE LAW	048 ÷ 049	
		DIMMER CURVE INV. SQUARE LAW	050 ÷ 051	
		DIMMER CURVE HIGH RES@LOW	052 ÷ 053	
		DIMMER END SNAP OFF @ END	054 ÷ 055	
		DIMMER END FADE OFF @ END	056 ÷ 057	
		LED FREQUENCY 10KHZ	058 ÷ 059	
		LED FREQUENCY 12KHZ	060 ÷ 061	
		LED FREQUENCY 15KHZ	062 ÷ 063	
		LED FREQUENCY 20KHZ	064 ÷ 065	
		DIMMER SPEED OFF	066 ÷ 067	
		SPEKTRA CALIBRATION ON	068 ÷ 069	
		SPEKTRA CALIBRATION PURE COLORS	070 ÷ 071	
		SPEKTRA CALIBRATION OFF	072 ÷ 073	
		RESERVED	074 ÷ 253	
		RESET ALL CHANNELS CONTROLLED	254 ÷ 255	
2	2	<b>PIXEL 1 DIMMER</b> 0÷100%	000 ÷ 255	000
	3	<b>PIXEL 1 DIMMER FINE</b>	000 ÷ 255	000
3	4	<b>PIXEL 1 CCT</b> 2200÷15000K	000 ÷ 255	000
	5	<b>PIXEL 1 CCT FINE</b>	000 ÷ 255	000
4	6	<b>PIXEL 1 HUE</b> Neutral -100 to -1 Green Neutral +1 to +100 Green	000 ÷ 010 011 ÷ 133 134 135 ÷ 255	000
	7	<b>PIXEL 1 HUE FINE</b>	000 ÷ 255	000
5	8	<b>PIXEL 1 CROSSFADE FROM CCT TO COLOR</b> 0÷100%	000 ÷ 255	000
	9	<b>PIXEL 1 CROSSFADE FROM CCT TO COLOR FINE</b>	000 ÷ 255	000
6	10	<b>PIXEL 1 RED</b> 0÷100%	000 ÷ 255	000
	11	<b>PIXEL 1 RED FINE</b>	000 ÷ 255	000

5M17Ch	6M33Ch	FUNCTION	DMX Value	Default
7	12	PIXEL 1 GREEN 0÷100%	000 ÷ 255	000
	13	PIXEL 1 GREEN FINE	000 ÷ 255	000
8	14	PIXEL 1 BLUE 0÷100%	000 ÷ 255	000
	15	PIXEL 1 BLUE FINE	000 ÷ 255	000
9	16	PIXEL 1 WHITE 0÷100%	000 ÷ 255	000
	17	PIXEL 1 WHITE FINE	000 ÷ 255	000
10	18	PIXEL 2 DIMMER 0÷100%	000 ÷ 255	000

5M17Ch	6M33Ch	FUNCTION	DMX Value	Default
...	19	PIXEL 2 DIMMER FINE	000 ÷ 255	000
11	20	PIXEL 2 CCT 2200÷15000K	000 ÷ 255	000
	21	PIXEL 2 CCT FINE	000 ÷ 255	000
12	22	PIXEL 2 HUE Neutral -100 to -1 Green Neutral +1 to +100 Green	000 ÷ 010 011 ÷ 133 134 135 ÷ 255	000
	23	PIXEL 2 HUE FINE	000 ÷ 255	000
13	24	PIXEL 2 CROSSFADE FROM CCT TO COLOR 0÷100%	000 ÷ 255	000
	25	PIXEL 2 CROSSFADE FROM CCT TO COLOR FINE	000 ÷ 255	000
14	26	PIXEL 2 RED 0÷100%	000 ÷ 255	000
	27	PIXEL 2 RED FINE	000 ÷ 255	000
15	28	PIXEL 2 GREEN 0÷100%	000 ÷ 255	000
	29	PIXEL 2 GREEN FINE	000 ÷ 255	000
16	30	PIXEL 2 BLUE 0÷100%	000 ÷ 255	000
	31	PIXEL 2 BLUE FINE	000 ÷ 255	000
17	32	PIXEL 2 WHITE 0÷100%	000 ÷ 255	000
	33	PIXEL 2 WHITE FINE	000 ÷ 255	000

**FILM**  
XY Mode

PIXEL LAYOUT



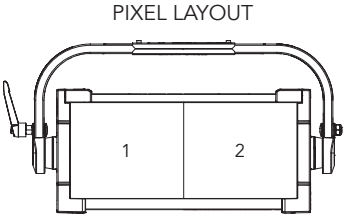
XY	FUNCTION	DMX Value	Default
1	<b>DIMMER</b> 0÷100%	000 ÷ 255	000
2	<b>DIMMER FINE</b>	000 ÷ 255	000
3	<b>STROBE</b> Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
3	<b>CCT</b> Open 2800K - 3000K 3000K - 3200K 3200K - 3400K 3400K - 3600K 3600K - 3800K 3800K - 4000K 4000K - 4200K 4200K - 4400K 4400K - 4600K 4600K - 4800K 4800K - 5000K 5000K - 5200K 5200K - 5400K 5400K - 5600K 5600K - 5800K 5800K - 6000K 6000K - 6200K 6200K - 6400K 6400K - 6600K 6600K - 6800K 6800K - 7000K 7000K - 7200K 7200K - 7400K 7400K - 7600K 7600K - 7800K 7800K - 8000K 8000K - 8200K 8200K - 8400K 8400K - 8600K 8600K - 8800K 8800K - 9000K 9000K - 9200K 9200K - 9400K 9400K - 9600K 9600K - 9800K 9800K - 10000K	000 ÷ 001 002 ÷ 009 009 ÷ 016 016 ÷ 023 023 ÷ 030 030 ÷ 037 037 ÷ 044 044 ÷ 051 051 ÷ 058 058 ÷ 065 065 ÷ 072 072 ÷ 079 079 ÷ 086 086 ÷ 093 093 ÷ 100 100 ÷ 107 107 ÷ 114 114 ÷ 121 121 ÷ 128 128 ÷ 135 135 ÷ 142 142 ÷ 149 149 ÷ 156 156 ÷ 163 163 ÷ 170 170 ÷ 177 177 ÷ 184 184 ÷ 191 191 ÷ 198 198 ÷ 205 205 ÷ 212 212 ÷ 219 219 ÷ 226 226 ÷ 233 233 ÷ 240 240 ÷ 247 247 ÷ 255	000
5	<b>HUE</b> Neutral / no effect Full minus green -99% --> -1% Neutral / no effect 1% --> 99% Full plus green	000 ÷ 010 011 ÷ 020 021 ÷ 119 120 ÷ 145 146 ÷ 244 245 ÷ 255	000
6	<b>X 1</b> 0.00 ÷ 0.85	000 ÷ 255	000
7	<b>X 1 FINE</b>	000 ÷ 255	000

XY	FUNCTION	DMX Value	Default
8	<b>Y 1</b> 0.00 ÷ 0.85	000 ÷ 255	000
9	<b>Y 1 FINE</b>	000 ÷ 255	000
10	<b>CROSSFADE FROM LAYER 1 TO LAYER 2</b> 0÷100%	000 ÷ 255	000
11	<b>X 2</b> 0.00 ÷ 0.85	000 ÷ 255	000
12	<b>X 2 FINE</b>	000 ÷ 255	000
13	<b>Y 2</b> 0.00 ÷ 0.85	000 ÷ 255	000
14	<b>Y 2 FINE</b>	000 ÷ 255	000
15	<b>COLOR MACRO</b> Open Red Green Blue Cyan Magenta Yellow Dirty White Alice Blue Congo Blue Dark Steel Blue Deep Lavender Lilac Ting Daylight Blue Flame Red Bastard Amber Deep Orange Pale Gold Apricot Bright Blue Primary Green Special Lavender Pale Lavender Deep Golden Amber Medium Blue Bright Pink Mauve Dark Green Lee Green Dark Blue Light Blue Steel Blue Medium Blue-Green Peacock Blue Magenta Dark Pink Middle Rose Light Salmon English Rose Light Rose Orange Deep Amber Straw Light Amber Spring Yellow Dark Yellow Green Just Blue Sky Blue Lavender Light Lavender Pink Carnation Medium Pink Light Pink Sunset Red Dark Amber Gold Amber Medium Amber Fire Surprise Peach	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065 066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 075 076 ÷ 077 078 ÷ 079 080 ÷ 081 082 ÷ 083 084 ÷ 085 086 ÷ 087 088 ÷ 089 090 ÷ 091 092 ÷ 093 094 ÷ 095 096 ÷ 097 098 ÷ 099 100 ÷ 101 102 ÷ 103 104 ÷ 105 106 ÷ 107 108 ÷ 109 110 ÷ 111 112 ÷ 113 114 ÷ 115 116 ÷ 117	000

XY	FUNCTION	DMX Value	Default
	Straw Tint Medium Yellow Lee Minus Green Pale Gold Orange Deep Straw Rose Purple Deep Purple Soft Green Reserved 2800K 3000K 3200K 3400K 3600K 3800K 4000K 4200K 4400K 4600K 4800K 5000K 5200K 5400K 5600K 6000K 6500K 7000K 8000K 9000K 10000K Full On	118 ÷ 119 120 ÷ 121 122 ÷ 123 124 ÷ 125 126 ÷ 127 128 ÷ 129 130 ÷ 131 132 ÷ 133 134 ÷ 135 136 ÷ 211 212 ÷ 213 214 ÷ 215 216 ÷ 217 218 ÷ 219 220 ÷ 221 222 ÷ 223 224 ÷ 225 226 ÷ 227 228 ÷ 229 230 ÷ 231 232 ÷ 233 234 ÷ 235 236 ÷ 237 238 ÷ 239 240 ÷ 241 242 ÷ 243 244 ÷ 245 246 ÷ 247 248 ÷ 249 250 ÷ 251 252 ÷ 253 254 ÷ 255	000
16	<b>CTO ON COLORS</b> 0÷100%	000 ÷ 255	000
17	<b>CONTROL CHANNEL</b> No Function FAN MODE AUTO CONST. OUT. FAN MODE ON CONST. OUT. FAN MODE OFF CONST. OUT. FAN MODE SILENT 1 CONST. OUT. FAN MODE SILENT 2 CONST. OUT. LED FREQUENCY 600HZ LED FREQUENCY 1200HZ LED FREQUENCY 2000HZ LED FREQUENCY 4000HZ LED FREQUENCY 6000HZ LED FREQUENCY 25KHZ LED FREQUENCY 36KHZ FAN MODE AUTO DYNAMIC OUT. FAN MODE ON DYNAMIC OUT. FAN MODE OFF DYNAMIC OUT. FAN MODE SILENT 1 DYNAMIC OUT. FAN MODE SILENT 2 DYNAMIC OUT. DIMMER SPEED AUTO DIMMER SPEED FAST DIMMER SPEED MEDIUM DIMMER SPEED SLOW DIMMER CURVE LINEAR DIMMER CURVE S-CURVE DIMMER CURVE SQUARE LAW DIMMER CURVE INV. SQUARE LAW DIMMER CURVE HIGH RES@LOW DIMMER END SNAP OFF @ END DIMMER END FADE OFF @ END LED FREQUENCY 10KHZ LED FREQUENCY 12KHZ LED FREQUENCY 15KHZ LED FREQUENCY 20KHZ DIMMER SPEED OFF SPEKTRA CALIBRATION ON SPEKTRA CALIBRATION PURE COLORS SPEKTRA CALIBRATION OFF RESERVED RESET ALL CHANNELS CONTROLLED	000 ÷ 001 002 ÷ 003 004 ÷ 005 006 ÷ 007 008 ÷ 009 010 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 025 026 ÷ 027 028 ÷ 029 030 ÷ 031 032 ÷ 033 034 ÷ 035 036 ÷ 037 038 ÷ 039 040 ÷ 041 042 ÷ 043 044 ÷ 045 046 ÷ 047 048 ÷ 049 050 ÷ 051 052 ÷ 053 054 ÷ 055 056 ÷ 057 058 ÷ 059 060 ÷ 061 062 ÷ 063 064 ÷ 065 066 ÷ 067 068 ÷ 069 070 ÷ 071 072 ÷ 073 074 ÷ 253 254 ÷ 255	000

**FILM**  
2 Pix Direct

Ch	2 Pix Direct
1	PIXEL 1 RED
2	PIXEL 1 GREEN
3	PIXEL 1 BLUE
4	PIXEL 1 WHITE
5	PIXEL 2 RED
6	PIXEL 2 GREEN
7	PIXEL 2 BLUE
8	PIXEL 2 WHITE



2 Pix Direct	FUNCTION	DMX Value	Default
1	PIXEL 1 RED 0÷100%	000 ÷ 255	255
2	PIXEL 1 GREEN 0÷100%	000 ÷ 255	255
3	PIXEL 1 BLUE 0÷100%	000 ÷ 255	255
4	PIXEL 1 WHITE 0÷100%	000 ÷ 255	255
5	PIXEL 2 RED 0÷100%	000 ÷ 255	255
6	PIXEL 2 GREEN 0÷100%	000 ÷ 255	255
7	PIXEL 2 BLUE 0÷100%	000 ÷ 255	255
8	PIXEL 2 WHITE 0÷100%	000 ÷ 255	255