

ECLCYC100 - ECLCYC50

CHANNELS DMX

1 CHANNEL THEATER

MODE 1 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255

2 CHANNELS THEATER

MODE 2 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

4 CHANNELS 1 THEATER

MODE 4 Ch 1	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	CTO 2800K -3200K 3200K-3500 K 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
3	HUE 0 -25~25	000 - 000 001 - 255
4	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

5 CHANNELS THEATER

MODE 5 Ch	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	CTO 2800K -3200K 3200K-3500 K 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
3	HUE 0 -25~25	000 - 000 001 - 255
4	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
5	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

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6 CHANNELS 1 THEATER

MODE 6 Ch 1	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	CTO 2800K -3200K 3200K-3500 K 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
3	HUE 0 -25~25	000 - 000 001 - 255
4	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
5	COLOR MACRO No Function Amber Shift on Color Macro	000 - 002 003 - 005 006 - 255
6	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

10 CHANNELS 1 THEATER

MODE 10 Ch 1	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	CTO 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
7	HUE 0 -25~25	000 - 000 001 - 255
8	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
9	COLOR MACRO No Function Amber Shift on Color Macro	000 - 002 003 - 005 006 - 255
10	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

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15 CHANNELS 1 THEATER

MODE 15 Ch 1	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	DIMMER FINE 0~100%	000 - 255
3	RED 0~100%	000 - 255
4	RED FINE 0~100%	000 - 255
5	GREEN 0~100%	000 - 255
6	GREEN FINE 0~100%	000 - 255
7	BLUE 0~100%	000 - 255
8	BLUE FINE 0~100%	000 - 255
9	WHITE 0~100%	000 - 255
10	WHITE FINE 0~100%	000 - 255
11	CTO 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
12	HUE 0 -25~25	000 - 000 001 - 255
13	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
14	COLOR MACRO No Function Amber Shift on Color Macro	000 - 002 003 - 005 006 - 255
15	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

17 CHANNELS THEATER

MODE 17 Ch 1	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	DIMMER FINE 0~100%	000 - 255
3	STROBE No Function (shutter open) Strobe effect slow to fast No Function (shutter open) Random strobe effect slow to fast No Function (shutter open)	000 - 030 031 - 100 101 - 130 131 - 200 201 - 255
4	CTO 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
5	HUE -25 to 0 No Function 0 to +25	000 - 126 127 - 127 128 - 255
6	CROSSFADE 0~100%	000 - 255
7	RED 0~100%	000 - 255
8	RED FINE 0~100%	000 - 255
9	GREEN 0~100%	000 - 255
10	GREEN FINE 0~100%	000 - 255
11	BLUE 0~100%	000 - 255
12	BLUE FINE 0~100%	000 - 255
13	WHITE 0~100%	000 - 255
14	WHITE FINE 0~100%	000 - 255
15	COLOR MACRO No Function Amber Shift on Color Macro	000 - 002 003 - 005 006 - 255
16	CTO ON COLORS 0~100%	000 - 255
17	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

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4 CHANNELS 2 TOUR

MODE 4 Ch 2	FUNCTION	DMX Value
1	RED 0~100%	000 - 255
2	GREEN 0~100%	000 - 255
3	BLUE 0~100%	000 - 255
4	WHITE 0~100%	000 - 255

6 CHANNELS 2 TOUR

MODE 6 Ch 2	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255

10 CHANNELS TOUR

MODE 10 Ch 2	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	RED 0~100%	000 - 255
3	GREEN 0~100%	000 - 255
4	BLUE 0~100%	000 - 255
5	WHITE 0~100%	000 - 255
6	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
7	COLOR TEMPERATURE 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
8	AUTO PROGRAMS No Function Auto Program 1 Auto Program 2 Auto Program 3 Auto Program 4 Auto Program 5 (Auto Program1-4)	000 - 010 011 - 060 061 - 110 111 - 160 161 - 210 211 - 255
9	AUTO SPEED Auto speed slow to fast	000 - 255
10	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

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15 CHANNELS 2 TOUR

MODE 15 Ch 2	FUNCTION	DMX Value
1	DIMMER 0~100%	000 - 255
2	DIMMER FINE 0~100%	000 - 255
3	RED 0~100%	000 - 255
4	RED FINE 0~100%	000 - 255
5	GREEN 0~100%	000 - 255
6	GREEN FINE 0~100%	000 - 255
7	BLUE 0~100%	000 - 255
8	BLUE FINE 0~100%	000 - 255
9	WHITE 0~100%	000 - 255
10	WHITE FINE 0~100%	000 - 255
11	STROBE NO Function Strobe Slow to Fast	000 - 010 011 - 255
12	COLOR TEMPERATURE 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
13	AUTO PROGRAMS No Function Auto Program 1 Auto Program 2 Auto Program 3 Auto Program 4 Auto Program 5 (Auto Program1-4)	000 - 010 011 - 060 061 - 110 111 - 160 161 - 210 211 - 255
14	AUTO SPEED Auto speed slow to fast	000 - 255
15	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 - 051 052 - 101 102 - 152 153 - 203 204 - 255

DMX CHARTS

THEATRE

CH	1 Ch	2 Ch	4 Ch "1"	5 Ch "1"	6 Ch	10 Ch	15 Ch	17 Ch	21 Ch
1	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER	DIMMER
2		DIMMER SPEED	CCT	CCT	CCT	RED	DIMMER FINE	DIMMER FINE	DIMMER FINE
3			HUE	HUE	HUE	GREEN	RED	STROBE	STROBE
4			DIMMER SPEED	STROBE	STROBE	BLUE	RED FINE	CCT	CCT
5				DIMMER SPEED	COLOR MACRO	WHITE	GREEN	HUE	HUE
6					DIMMER SPEED	CCT	GREEN FINE	XFADE FROM CCT TO COLOR	XFADE 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 SPEED	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 SPEED	COLOR MACRO	COLOR MACRO
16								CTO ON COLORS	CTO ON COLORS
17								DIMMER SPEED	DIMMER SPEED
18									FX SELECTION
19									FX SPEED
20									FX FADE
21									CONTROL

1 Ch	2 Ch	4 Ch "1"	5 Ch	6 Ch "1"	10 Ch "1"	15 Ch "1"	17 Ch	21 Ch	FUNCTION	DMX Value	Default
1	1	1	1	1	1	1	1	1	DIMMER 0÷100%	000 ÷ 255	000
						2	2	2	DIMMER FINE 0÷100%	000 ÷ 255	000
							3	3	STROBE No Function (shutter open) Strobe effect slow to fast No Function (shutter open) Random strobe effect slow to fast No Function (shutter open)	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
							5	5	HUE 25 to 0 0 0 to +25	000 ÷ 126 127 ÷ 127 128 ÷ 255	127
					2	3	7	7	RED 0÷100%	000 ÷ 255	000
						4	8	8	RED FINE 0÷100%	000 ÷ 255	000
					3	5	9	9	GREEN 0÷100%	000 ÷ 255	000
						6	10	10	GREEN FINE 0÷100%	000 ÷ 255	000
					4	7	11	11	BLUE 0÷100%	000 ÷ 255	000
						8	12	12	BLUE FINE 0÷100%	000 ÷ 255	000
					5	9	13	13	WHITE 0÷100%	000 ÷ 255	000
						10	14	14	WHITE FINE 0÷100%	000 ÷ 255	000
		2	2	2			4	4	CCT 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			CCT 2800K-3200K 3200K-3500K 3500K-4000K 4000K-4500K 4500K-5000K 5000K-5600K 5600K-6000K 6000K-6500K Color Mix	000 ÷ 030 031 ÷ 060 061 ÷ 090 091 ÷ 120 121 ÷ 150 151 ÷ 180 181 ÷ 210 211 ÷ 240 241 ÷ 255	000
		3	3	3	7	12			HUE 0 -25°÷25°	000 ÷ 000 001 ÷ 255	000
							6	6	XFADE FROM CCT TO COLOR 0÷100%	000 ÷ 255	000
			4	4	8	13			STROBE No Function Strobe Slow to Fast	000 ÷ 010 011 ÷ 255	000
				5	9	14	15		COLOR MACRO No Function Amber Shift on Color Macro	000 ÷ 002 003 ÷ 005 006 ÷ 255	000
								15	COLOR MACRO Please check "COLOR MACRO 21CH" table for values	---	---

1 Ch	2 Ch	4 Ch "1"	5 Ch	6 Ch "1"	10 Ch "1"	15 Ch "1"	17 Ch	21 Ch	FUNCTION	DMX Value	Default
							16	16	CTO ON COLORS 0÷100%	000 ÷ 255	000
	2	4	5	6	10	15	17	17	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 ÷ 051 052 ÷ 101 102 ÷ 152 153 ÷ 203 204 ÷ 255	000
								18	FX SELECTION 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	FX SPEED 0÷100%	000 ÷ 255	000
								20	FX FADE 0÷100%	000 ÷ 255	000
								21	CONTROL CHANNEL No Function RESERVED LED FREQUENCY 600HZ LED FREQUENCY 1200HZ LED FREQUENCY 2000HZ LED FREQUENCY 4000HZ LED FREQUENCY 6000HZ LED FREQUENCY 25KHZ RESERVED 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 OUTPUT CONTROL Dynamic Output OUTPUT CONTROL Constant Output DIMMER SPEED OFF DMX FAULT HOLD DMX FAULT BLACKOUT DMX FAULT STANDALONE SPEKTRA CALIBRATION ON SPEKTRA CALIBRATION PURE COLORS SPEKTRA CALIBRATION OFF RESERVED RESET ALL CHANNELS CONTROLLED	000 ÷ 001 002 ÷ 011 012 ÷ 013 014 ÷ 015 016 ÷ 017 018 ÷ 019 020 ÷ 021 022 ÷ 023 024 ÷ 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 ÷ 253 254 ÷ 255	000

COLOR MACRO 21CH			
Open	000 ÷ 001	Dark Yellow Green	090 ÷ 091
Red	002 ÷ 003	Just Blue	092 ÷ 093
Green	004 ÷ 005	Sky Blue	094 ÷ 095
Blue	006 ÷ 007	Lavender	096 ÷ 097
Cyan	008 ÷ 009	Light Lavender	098 ÷ 099
Magenta	010 ÷ 011	Pink Camation	100 ÷ 101
Yellow	012 ÷ 013	Medium Pink	102 ÷ 103
Dirty White	014 ÷ 015	Light Pink	104 ÷ 105
Alice Blue	016 ÷ 017	Sunset Red	106 ÷ 107
Congo Blue	018 ÷ 019	Dark Amber	108 ÷ 109
Dark Steel Blue	020 ÷ 021	Gold Amber	110 ÷ 111
Deep Lavender	022 ÷ 023	Medium Amber	112 ÷ 113
Lilac Ting	024 ÷ 025	Fire	114 ÷ 115
Daylight Blue	026 ÷ 027	Surprise Peach	116 ÷ 117
Flame Red	028 ÷ 029	Straw Tint	118 ÷ 119
Bastard Amber	030 ÷ 031	Medium Yellow	120 ÷ 121
Deep Orange	032 ÷ 033	Lee Minus Green	122 ÷ 123
Pale Gold	034 ÷ 035	Pale Gold	124 ÷ 125
Apricot	036 ÷ 037	Orange	126 ÷ 127
Bright Blue	038 ÷ 039	Deep Straw	128 ÷ 129
Primary Green	040 ÷ 041	Rose Purple	130 ÷ 131
Special Lavender	042 ÷ 043	Deep Purple	132 ÷ 133
Pale Lavender	044 ÷ 045	Soft Green	134 ÷ 135
Deep Golden Amber	046 ÷ 047	Reserved	136 ÷ 211
Medium Blue	048 ÷ 049	2800K	212 ÷ 213
Bright Pink	050 ÷ 051	3000K	214 ÷ 215
Mauve	052 ÷ 053	3200K	216 ÷ 217
Dark Green	054 ÷ 055	3400K	218 ÷ 219
Lee Green	056 ÷ 057	3600K	220 ÷ 221
Dark Blue	058 ÷ 059	3800K	222 ÷ 223
Light Blue	060 ÷ 061	4000K	224 ÷ 225
Steel Blue	062 ÷ 063	4200K	226 ÷ 227
Medium Blue-Green	064 ÷ 065	4400K	228 ÷ 229
Peacock Blue	066 ÷ 067	4600K	230 ÷ 231
Magenta	068 ÷ 069	4800K	232 ÷ 233
Dark Pink	070 ÷ 071	5000K	234 ÷ 235
Middle Rose	072 ÷ 073	5200K	236 ÷ 237
Light Salmon	074 ÷ 075	5400K	238 ÷ 239
English Rose	076 ÷ 077	5600K	240 ÷ 241
Light Rose	078 ÷ 079	6000K	242 ÷ 243
Orange	080 ÷ 081	6500K	244 ÷ 245
Deep Amber	082 ÷ 083	7000K	246 ÷ 247
Straw	084 ÷ 085	8000K	248 ÷ 249
Light Amber	086 ÷ 087	9000K	250 ÷ 251
Spring Yellow	088 ÷ 089	10000K	252 ÷ 253
		Full On	254 ÷ 255

TOUR

Channel	4 Ch "2"	6 Ch "2"	10 Ch "2"	15 Ch "2"
1	RED	DIMMER	DIMMER	DIMMER
2	GREEN	RED	RED	DIMMER FINE
3	BLUE	GREEN	GREEN	RED
4	WHITE	BLUE	BLUE	RED FINE
5		WHITE	WHITE	GREEN
6		STROBE	STROBE	GREEN FINE
7			COLOR TEMPERATURE	BLUE
8			AUTO PROGRAM	BLUE FINE
9			AUTO SPEED	WHITE
10			DIMMER SPEED	WHITE FINE
11				STROBE
12				COLOR TEMPERATURE
13				AUTO PROGRAM
14				AUTO SPEED
15				DIMMER SPEED

TOUR

4 Ch "2"	6 Ch "2"	10 Ch "2"	15 ChB"2"	FUNCTION	DMX Value	Default
	1	1	1	DIMMER 0÷100%	000 ÷ 255	000
			2	DIMMER FINE 0÷100%	000 ÷ 255	000
1	2	2	3	RED 0÷100%	000 ÷ 255	255
			4	RED FINE 0÷100%	000 ÷ 255	255
2	3	3	5	GREEN 0÷100%	000 ÷ 255	255
			6	GREEN FINE 0÷100%	000 - 255	255
3	4	4	7	BLUE 0÷100%	000 ÷ 255	255
			8	BLUE FINE 0÷100%	000 ÷ 255	255
4	5	5	9	WHITE 0÷100%	000 ÷ 255	255
			10	WHITE FINE 0÷100%	000 ÷ 255	000
	6	6	11	STROBE No Function Strobe Slow to Fast	000 ÷ 010 011 ÷ 255	255
		7	12	COLOR TEMPERATURE Color Mix 2800K 3200K 3500K 4000K 4500K 5000K 5600K 6000K 6500K Color Mix	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	AUTO PROGRAMS No Function Auto Program 1 Auto Program 2 Auto Program 3 Auto Program 4 Auto Program 5 (Auto Program1-4)	000 ÷ 010 011 ÷ 060 061 ÷ 110 111 ÷ 160 161 ÷ 210 211 ÷ 255	
		9	14	AUTO SPEED Auto speed slow to fast	000 ÷ 255	
		10	15	DIMMER SPEED MODE Preset dimmer speed from display menu Dimmer speed mode off Dimmer speed mode1 (fast speed) Dimmer speed mode2 (middle speed) Dimmer speed mode3 (slow speed)	000 ÷ 051 052 ÷ 101 102 ÷ 152 153 ÷ 203 204 ÷ 255	

FILM

Ch	12Ch	20Ch	XY
1	DIMMER	DIMMER	DIMMER
2	CCT	DIMMER FINE	DIMMER FINE
3	HUE	CCT	STROBE
4	CROSSFADE FROM CCT TO COLOR	CCT FINE	CCT
5	RED	HUE	TINT
6	GREEN	HUE FINE	X 1
7	BLUE	CROSSFADE FROM CCT TO COLOR	X 1 FINE
8	WHITE	CROSSFADE FROM CCT TO COLOR FINE	Y 1
9	RESERVED	RED	Y 1 FINE
10	COLOR MACRO	RED FINE	CROSSFADE FROM LAYER 1 TO LAYER 2
11	STROBE	GREEN	X 2
12	CONTROL	GREEN FINE	X 2 FINE
13		BLUE	Y 2
14		BLUE FINE	Y 2 FINE
15		WHITE	COLOR MACRO
16		WHITE FINE	CTO ON COLORS
17		RESERVED	CONTROL
18		COLOR MACRO	
19		STROBE	
20		CONTROL	

FILM
12Ch and 20Ch

12Ch	20Ch	FUNCTION	DMX Value	Default
1	1	DIMMER 0÷100%	000 ÷ 255	000
	2	DIMMER FINE	000 ÷ 255	000
		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
2	3			000
	4	CCT FINE	000 ÷ 255	000
		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
	6	HUE FINE	000 ÷ 255	000
4	7	CROSSFADE FROM CCT TO COLOR 0÷100%	000 ÷ 255	000
	8	CROSSFADE FROM CCT TO COLOR FINE	000 ÷ 255	000
5	9	RED 0÷100%	000 ÷ 255	000
	10	RED FINE	000 ÷ 255	000
6	11	GREEN 0÷100%	000 ÷ 255	000
	12	GREEN FINE	000 ÷ 255	000
7	13	BLUE 0÷100%	000 ÷ 255	000
	14	BLUE FINE	000 ÷ 255	000
8	15	WHITE 0÷100%	000 ÷ 255	000
	16	WHITE FINE	000 ÷ 255	000
9	17	RESERVED	000 ÷ 255	000

12Ch	20Ch	FUNCTION	DMX Value	Default
10	18	COLOR MACRO	000 ÷ 001	000
		Open	002 ÷ 003	
		Red	004 ÷ 005	
		Green	006 ÷ 007	
		Blue	008 ÷ 009	
		Cyan	010 ÷ 011	
		Magenta	012 ÷ 013	
		Yellow	014 ÷ 015	
		Dirty White	016 ÷ 017	
		Alice Blue	018 ÷ 019	
		Congo Blue	020 ÷ 021	
		Dark Steel Blue	022 ÷ 023	
		Deep Lavender	024 ÷ 025	
		Lilac Ting	026 ÷ 027	
		Daylight Blue	028 ÷ 029	
		Flame Red	030 ÷ 031	
		Bastard Amber	032 ÷ 033	
		Deep Orange	034 ÷ 035	
		Pale Gold	036 ÷ 037	
		Apricot	038 ÷ 039	
		Bright Blue	040 ÷ 041	
		Primary Green	042 ÷ 043	
		Special Lavender	044 ÷ 045	
		Pale Lavender	046 ÷ 047	
		Deep Golden Amber	048 ÷ 049	
		Medium Blue	050 ÷ 051	
		Bright Pink	052 ÷ 053	
		Mauve	054 ÷ 055	
		Dark Green	056 ÷ 057	
		Lee Green	058 ÷ 059	
		Dark Blue	060 ÷ 061	
		Light Blue	062 ÷ 063	
		Steel Blue	064 ÷ 065	
		Medium Blue-Green	066 ÷ 067	
		Peacock Blue	068 ÷ 069	
		Magenta	070 ÷ 071	
		Dark Pink	072 ÷ 073	
		Middle Rose	074 ÷ 075	
		Light Salmon	076 ÷ 077	
		English Rose	078 ÷ 079	
		Light Rose	080 ÷ 081	
		Orange	082 ÷ 083	
		Deep Amber	084 ÷ 085	
		Straw	086 ÷ 087	
		Light Amber	088 ÷ 089	
		Spring Yellow	090 ÷ 091	
		Dark Yellow Green	092 ÷ 093	
Just Blue	094 ÷ 095			
Sky Blue	096 ÷ 097			
Lavender	098 ÷ 099			
Light Lavender	100 ÷ 101			
Pink Carnation	102 ÷ 103			
Medium Pink	104 ÷ 105			
Light Pink	106 ÷ 107			
Sunset Red	108 ÷ 109			
Dark Amber	110 ÷ 111			
Gold Amber	112 ÷ 113			
Medium Amber	114 ÷ 115			
Fire	116 ÷ 117			
Surprise Peach	118 ÷ 119			
Straw Tint	120 ÷ 121			
Medium Yellow	122 ÷ 123			
Lee Minus Green	124 ÷ 125			
Pale Gold	126 ÷ 127			
Orange	128 ÷ 129			
Deep Straw	130 ÷ 131			
Rose Purple	132 ÷ 133			
Deep Purple	134 ÷ 135			
Soft Green Reserved	136 ÷ 211			
2800K	212 ÷ 213			
3000K	214 ÷ 215			
3200K	216 ÷ 217			
3400K	218 ÷ 219			
3600K	220 ÷ 221			

12Ch	20Ch	FUNCTION	DMX Value	Default
10	18	COLOR MACRO		
		3800K	222 ÷ 223	000
		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	STROBE		000
		Open	000 ÷ 019	
		1 flash/s -> 25 flashes/s	020 ÷ 255	
12	20	CONTROL CHANNEL		000
		No Function	000 ÷ 001	
		RESERVED	002 ÷ 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	
		RESERVED	024 ÷ 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	
		OUTPUT CONTROL Dynamic Output	058 ÷ 059	
		OUTPUT CONTROL Constant Output	060 ÷ 061	
		DIMMER SPEED OFF	062 ÷ 063	
		DMX FAULT HOLD	064 ÷ 065	
		DMX FAULT BLACKOUT	066 ÷ 067	
		DMX FAULT STANDALONE	068 ÷ 069	
		SPEKTRA CALIBRATION ON	070 ÷ 071	
		SPEKTRA CALIBRATION PURE COLORS	072 ÷ 073	
		SPEKTRA CALIBRATION OFF	074 ÷ 075	
RESERVED	076 ÷ 253			
RESET ALL CHANNELS CONTROLLED	254 ÷ 255			

FILM
XY Mode

XY	FUNCTION	DMX Value	Default
1	DIMMER 0÷100%	000 ÷ 255	000
2	DIMMER FINE	000 ÷ 255	000
3	STROBE Closed Strobe slow to fast Open Random slow to fast Open	000 ÷ 030 031 ÷ 100 101 ÷ 130 131 ÷ 200 201 ÷ 255	255
4	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
5	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
6	X 1 0.00 ÷ 0.85	000 ÷ 255	000
7	X 1 FINE	000 ÷ 255	000
8	Y 1 0.00 ÷ 0.85	000 ÷ 255	000
9	Y 1 FINE	000 ÷ 255	000
10	CROSSFADE FROM LAYER 1 TO LAYER 2 0÷100%	000 ÷ 255	000
11	X 2 0.00 ÷ 0.85	000 ÷ 255	000
12	X 2 FINE	000 ÷ 255	000
13	Y 2 0.00 ÷ 0.85	000 ÷ 255	000

XY	FUNCTION	DMX Value	Default
14	Y 2 FINE	000 ÷ 255	000
	COLOR MACRO		
	Open	000 ÷ 001	
	Red	002 ÷ 003	
	Green	004 ÷ 005	
	Blue	006 ÷ 007	
	Cyan	008 ÷ 009	
	Magenta	010 ÷ 011	
	Yellow	012 ÷ 013	
	Dirty White	014 ÷ 015	
	Alice Blue	016 ÷ 017	
	Congo Blue	018 ÷ 019	
	Dark Steel Blue	020 ÷ 021	
	Deep Lavender	022 ÷ 023	
	Lilac Ting	024 ÷ 025	
	Daylight Blue	026 ÷ 027	
	Flame Red	028 ÷ 029	
	Bastard Amber	030 ÷ 031	
	Deep Orange	032 ÷ 033	
	Pale Gold	034 ÷ 035	
	Apricot	036 ÷ 037	
	Bright Blue	038 ÷ 039	
	Primary Green	040 ÷ 041	
	Special Lavender	042 ÷ 043	
	Pale Lavender	044 ÷ 045	
	Deep Golden Amber	046 ÷ 047	
	Medium Blue	048 ÷ 049	
	Bright Pink	050 ÷ 051	
	Mauve	052 ÷ 053	
	Dark Green	054 ÷ 055	
	Lee Green	056 ÷ 057	
	Dark Blue	058 ÷ 059	
	Light Blue	060 ÷ 061	
	Steel Blue	062 ÷ 063	
	Medium Blue-Green	064 ÷ 065	
	Peacock Blue	066 ÷ 067	
	Magenta	068 ÷ 069	
	Dark Pink	070 ÷ 071	
15	Middle Rose	072 ÷ 073	000
	Light Salmon	074 ÷ 075	
	English Rose	076 ÷ 077	
	Light Rose	078 ÷ 079	
	Orange	080 ÷ 081	
	Deep Amber	082 ÷ 083	
	Straw	084 ÷ 085	
	Light Amber	086 ÷ 087	
	Spring Yellow	088 ÷ 089	
	Dark Yellow Green	090 ÷ 091	
	Just Blue	092 ÷ 093	
	Sky Blue	094 ÷ 095	
	Lavender	096 ÷ 097	
	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	
	2800K	212 ÷ 213	
	3000K	214 ÷ 215	
	3200K	216 ÷ 217	
	3400K	218 ÷ 219	
	3600K	220 ÷ 221	

XY	FUNCTION	DMX Value	Default
15	COLOR MACRO		
	3800K	222 ÷ 223	000
	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		
16	CTO ON COLORS 0÷100%	000 ÷ 255	000
17	CONTROL CHANNEL		
	No Function	000 ÷ 001	000
	RESERVED	002 ÷ 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	
	RESERVED	024 ÷ 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	
	OUTPUT CONTROL Dynamic Output	058 ÷ 059	
	OUTPUT CONTROL Constant Output	060 ÷ 061	
	DIMMER SPEED OFF	062 ÷ 063	
	DMX FAULT HOLD	064 ÷ 065	
	DMX FAULT BLACKOUT	066 ÷ 067	
	DMX FAULT STANDALONE	068 ÷ 069	
	SPEKTRA CALIBRATION ON	070 ÷ 071	
	SPEKTRA CALIBRATION PURE COLORS	072 ÷ 073	
	SPEKTRA CALIBRATION OFF	074 ÷ 075	
RESERVED	076 ÷ 253		
RESET ALL CHANNELS CONTROLLED	254 ÷ 255		