NEEWER
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DMX Channel Table (Bi-Color)

1. CCT Channel Table Index

MODE 1	CCT (8 bit)	2CH
MODE 2	Source (8 bit)	2CH
MODE 3	FX (8 bit)	6CH
MODE 4	ULtimate mode (8 bit)	8CH
MODE 5	neewer mode (8 bit)	7CH

2. Channel Table Information

2.1 / MODE 1: CCT（8 bit）Channel Table

CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	0-255	0-100	CCT	2500-10000K，2700-6500K

	Value	Color Temperature
CCT	0-5	2700
	6-10	2800
	11-15	2900
	16-20	3000
	21-25	3100
	26-30	3200
	86-90	4400
	91-95	4500
	96-100	4600
	101-105	4700
	.....	.....
	186-190	6400
	191-195	6500

2.2 / MODE 2: Source （8 bit）

CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	0-255	0-100	source	12 Common Effects

	Value	Color Number
source	0-10	Dawn
	11-20	Daytime
	21-30	Daylight
	31-40	Incandescent Lamp

2. Channel Table Information

source	41-50	Video Lamp
	51-60	Modeling Lamp
	61-70	5600 Dysprosium Lamp
	71-80	Daylight Dysprosium Lamp
	81-90	Sodium-Vapor Lamp
	91-100	Warm White Halogen Lamp
	101-110	White Halogen Lamp
	111-120	Xenon Short-Arc Lamp
	121-255	Reserved

2.3 / MODE 3: FX（8 bit）

CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	0-255	0-100	FX Selection	13 Common Effects
3	View channel breakdowns for different effect tables			
4				
5				
6				
7				

	Value	Color Number
FX SELECTION	0-10	Lightning
	11-20	Paparazzi
	21-30	Defective Bulb
	31-40	Explosion
	41-50	Welding
	51-60	CCT Flash
	61-70	CCT Pulse
	71-80	Candlelight
	81-90	CCT Loop
	91-100	INT Loop
	101-110	TV Screen
	111-120	Fireworks
	121-130	Music
	131-255	Reserved

2. Channel Table Information

Lightning Effect				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	0-10	0-4%	Lightning	Lightning
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K

Paparazzi				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	11-20	5%-8%	Paparazzi	Paparazzi
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K

Defective Bulb				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	21-30	9%-12%	Defective Bulb	Defective Bulb
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K

Explosion				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	31-40	13%-16%	Explosion	Explosion
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K
5	0-255	0-100%	Ember	1-10

Welding				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	41-50	17%-20%	Welding	Welding
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K
5	0-255	0-100%	INT 2	0-100

2. Channel Table Information

CCT Flash				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	51-60	21%-24%	CCT Flash	CCT Flash
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K

CCT Pulse				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	61-70	25%-28%	CCT Pulse	CCT Pulse
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K

Candlelight				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	71-80	29%-32%	Candlelight	Candlelight
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature	2500-10000K
5	0-255	0-100%	INT2	0-100
6	0-255	0-100%	Ember	0-100%

CCT Loop				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity)	0-100%
2	81-90	33%-36%	CCT Loop	CCT Loop
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Color Temperature 1	2500-10000K
5	0-255	0-100%	Color Temperature 1	2500-10000K

INT Loop				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	91-100	37%-40%	INT Loop	INT Loop
3	0-255	0-100%	SPEED	1-10
4	0-122	0-50%	CCT	CCT
5	0-255	0-100%	Color Temperature	2500-10000K
6	0-255	0-100%	INT 2	0-100%

2. Channel Table Information

TV Screen				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-110	41%-44%	TV Screen	TV Screen
3	0-255	0-100%	SPEED	1-10
4	0-122	0-50%	CCT	CCT
5	0-255	0-100%	INT2	0-100%

Fireworks				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	111-120	45%-48%	Fireworks	Fireworks
3	0-255	0-100%	SPEED	1-10
4	0-255	0-100%	Ember	0-100%

Music				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	121-130	49%-52%	Music	Music

	Value	Function
SPEED	0-9	1
	10-19	2
	20-29	3
	30-39	4
	40-49	5
	50-59	6
	60-69	7
	70-79	8
	80-89	9
	90-99	10

	Value	Function
Ember	0-9	1
	10-19	2
	20-29	3
	30-39	4
	40-49	5
	50-59	6
	60-69	7
	70-79	8
	80-89	9
	90-99	10

2.4 / MODE 4: Ultimate (8 bit)

CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	0-50 51-100 101 -150 151 - 255	0-20 21 - 40 41-60% 61-100%	Lighting Mode Selection	CCT Source FX Reserved

2. Channel Table Information

3	View detailed control tables
4	
5	
6	
7	
8	
9	

CCT				
CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	0 - 50	0 - 20%	CCT	CCT
3	0-255	0-100	CCT	2500-10000K

Source				
CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	51- 100	21-40	Source mode	Source mode
3	0-255	0-255	Source	Source

FX				
CH	Value	Percent	Function	
1	0-255	0-100	Intensity	0-100%
2	101-150	41-60	FX mode	FX
3	0-255	0-100	FX Selection	13 Common Effects 0-10：Lightning 11-20：Paparazzi 21-30：Defective Bulb 31-40：Explosion 41-50：Welding 51-60：CCT Flash 61-70：CCT Pulse 71-80：Candlelight 81-90：CCT Loop 91-100：INT Loop 101-110：TV Screen 111-120：Fireworks 121-130：Music 131-255：Reserved
4	View channel breakdowns for different effect tables			
5				
6				
7				

2. Channel Table Information

FX-Lightning Effect				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	0-10	0-4%	Lightning	FX
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Paparazzi				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	11-20	5%-8%	Paparazzi	Paparazzi
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Defective Bulb				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	21-30	9%-12%	Defective Bulb	Defective Bulb
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Explosion				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	31-40	13%-16%	Explosion	Explosion
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K
6	0-255	0-100%	Ember	1-10

FX-Welding				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	41-50	17%-20%	Welding	Welding
4	0-255	0-100%	INT 2	0-100
5	0-255	0-100%	SPEED	1-10
6	0-255	0-100%	Color Temperature	2500-10000K

2. Channel Table Information

FX-CCT Flash				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	51-60	21%-24%	CCT Flash	CCT Flash
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-CCT Pulse				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity)	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	61-70	25%-28%	CCT Pulse	CCT Pulse
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Candlelight				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	71-80	29%-32%	Candlelight	Candlelight
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K
6	0-255	0-100%	INT 2	0-100
7	0-255	0-100%	Ember	0-100%

FX-CCT Loop				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	81-90	33%-36%	CCT Loop	CCT Loop
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature 1	2500-10000K
6	0-255	0-100%	Color Temperature 2	2500-10000K

2. Channel Table Information

FX-INT Loop				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	91-100	37%-40%	INT Loop	INT Loop
4	0-255	0-100%	INT2	0-100%
5	0-255	0-100%	SPEED	1-10
6	0-122	0-50%	CCT	CCT
7	0-255	0-100%	Color Temperature	2500-10000K

FX-TV Screen				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	101-110	45%-49%	TV Screen	TV Screen
4	0-255	0-100%	INT2	0-100%
5	0-255	0-100%	SPEED	1-10
6	0-122	0-50%	CCT	CCT

FX-Fireworks				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	111-120	50%-53%	Fireworks	Fireworks
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Ember	0-100%

FX-Music				
CH	Value	Percent	Function	
1	0-255	0-100%	Intensity	0-100%
2	101-150	41-60%	Lighting Mode Selection	FX mode
3	121-130	43%-47%	Music	Music

2. Channel Table Information

2.5 / MODE 5: neewer mode (8 bit)

CH	Value	Percent	Function	
1	0-50 51-100 101-150 151-255	0-20% 21-40% 41%-60% 61%-100%	Lighting Mode Selection	CCT SOURCE FX Reserved
2	0-255	0-100%	Int	0 -100%
3	View detailed control tables			
4				
5				
6				
7				
8				

CCT Mode				
CH	Value	Percent	Function	
1	0-50	0-20%	Lighting Mode Selection	CCT mode
2	0-255	0-100%	Int	0-100%
3	0-255	0-100%	CCT	2500-10000K

Source Mode				
CH	Value	Percent	Function	
1	51-100	21-40%	Lighting Mode Selection	Source mode
2	0-255	0-100%	Int	0-100%
3	0-255	0-100%	Source Selection	13 Light Effects

	Value	Color Number
source	0-10	Dawn
	11-20	Daytime
	21-30	Daylight
	31-40	Incandescent Lamp
	41-50	Video Lamp
	51-60	Modeling Lamp
	61-70	5600 Dysprosium Lamp
	71-80	Daylight Dysprosium Lamp
	81-90	Sodium-Vapor Lamp
	91-100	Warm White Halogen Lamp
	101-110	White Halogen Lamp
	111-120	Xenon Short-Arc Lamp
	121-255	Reserved

2. Channel Table Information

FX Mode				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	0-255	0-100%	FX Selection	0-10：Lightning 11-20：Paparazzi 21-30：Defective Bulb 31-40：Explosion 41-50：Welding 51-60：CCT Flash 61-70：CCT Pulse 71-80：Candlelight 81-90：CCT Loop 91-100：INT Loop 101-110：TV Screen 111-120：Fireworks 121-130：Music 131-255：Reserved
4	View the DMX effect parameter table			
5				
6				
7				

FX-Lightning Effect				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	0-10	0-4%	Lightning	FX
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Paparazzi				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	11-20	5%-8%	Paparazzi	Paparazzi
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

2. Channel Table Information

FX-Defective Bulb				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	21-30	9%-12%	Defective Bulb	Defective Bulb
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-Explosion				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	31-40	13%-16%	Explosion	Explosion
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K
6	0-255	0-100%	Ember	1-10

FX-Welding				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	41-50	17%-20%	Welding	Welding
4	0-255	0-100%	INT 2	0-100
5	0-255	0-100%	SPEED	1-10
6	0-255	0-100%	Color Temperature	2500-10000K

FX-CCT Flash				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	51-60	21%-24%	CCT Flash	CCT Flash
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

FX-CCT Pulse				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	61-70	25%-28%	CCT Pulse	CCT Pulse
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K

2. Channel Table Information

FX-Candlelight				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	29%-32%	Intensity	0-100%
3	71-80	29%-32%	Candlelight	Candlelight
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature	2500-10000K
6	0-255	0-100%	INT 2	0-100
7	0-255	0-100%	Ember	0-100%

FX-CCT Loop				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	81-90	33%-36%	CCT Loop	CCT Loop
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Color Temperature 1	2500-10000K
6	0-255	0-100%	Color Temperature 1	2500-10000K

FX-INT Loop				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	91-100	37%-40%	INT Loop	INT Loop
4	0-255	0-100%	INT2	0-100%
5	0-255	0-100%	SPEED	1-10
6	0-122	0-50%	CCT	CCT
7	0-255	0-100%	Color Temperature	2500-10000K

FX-TV Screen				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	101-110	45%-49%	TV Screen	TV Screen
4	0-255	0-100%	INT2	0-100%
5	0-255	0-100%	SPEED	1-10
6	0-122	0-50%	CCT	CCT

2. Channel Table Information

FX-Fireworks				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	111-120	50%-53%	Fireworks	Fireworks
4	0-255	0-100%	SPEED	1-10
5	0-255	0-100%	Ember	0-100%

FX-Music				
CH	Value	Percent	Function	
1	101-150	41-60%	Lighting Mode Selection	FX mode
2	0-255	0-100%	Intensity	0-100%
3	121-130	50%-53%	Music	Music

3. Cable DMX Channel Display

Item	Menu Display
DMX Status	1. Displays the current number of used channels of the device
	2. The current DMX mode
DMX Address	1-512
DMX Signal Loss	1. Illuminated
	2. Off immediately
	3. Off after 2min
DMX Mode	MODE 1: CCT (8 bit)
	MODE 2: Source (8 bit)
	MODE 3: FX (8 bit)
	MODE 4: Ultimate (8 bit)
	MODE 5: NEEWER Mode (8 bit)
DMX Termination resistor	ON/OFF

If you have any questions about product ,
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