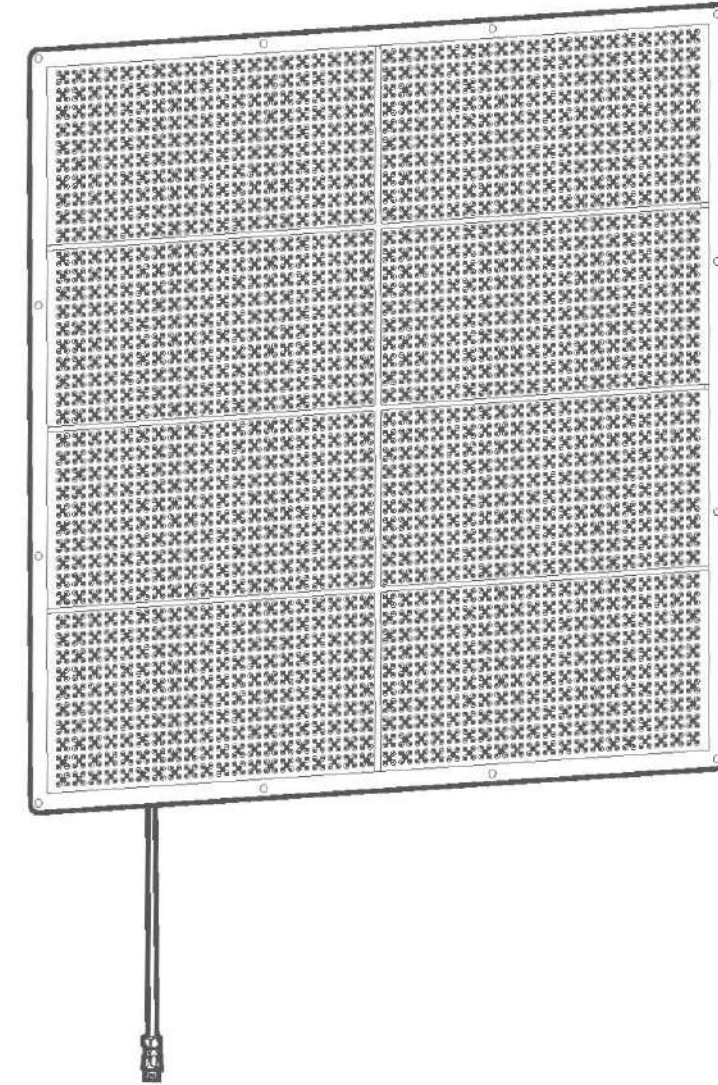
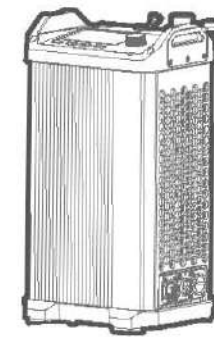


DMX模式表版本: V1.1  
控制器固件版本: V1.03

DMX mode specification version: V1.1  
Controller firmware version: V1.03

# Godox



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## KNOWLED

### F100R / F200R / F200SR F400R / F800R

#### DMX模式表

#### DMX Mode Specification

DMX模式表如有变更, 恕不另行通知, 可登录神牛官网 <https://www.godox.com.cn> 查看最新DMX模式表。  
The DMX mode specification may subject to change without notice. Please check the latest electrical version on our official website  
<https://www.godox.com>.

### 01: CCT 8Bit 模式 & 10: CCT 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值
1	1-2	CCT	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4		色温	0	255	1800K	10000K	0	65535	1800K	10000K
3	5-6		绿品	0	10	中性/无光效		0	04587	中性/无光效	
			11	20	全-绿-100%		04588	09830	全-绿-100%		
			21	119	-99%~-1%		09831	30145	-99%~-1%		
			120	145	中性/无光效		30146	39976	中性/无光效		
			146	244	1%-99%		39977	60292	1%-99%		
			245	255	全+绿100%		60293	65535	全+绿100%		

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表。打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
4	7	CCT	模式	0	9	常规模式		0	9	常规模式	
				10	19	高速模式		10	19	高速模式	
				20	29	低亮模式		20	29	低亮模式	
				30	255	预留		30	255	预留	
				5	8	频率	0	9	1		0
10	19		2		10		19	2			
20	29		3		20		29	3			
30	39		4		30		39	4			
40	49		5		40		49	5			
50	59		6		50		59	6			
60	69	7		60	69		7				
70	79	8		70	79		8				
80	89	9		80	89		9				
90	99	10		90	99		10				
100	109	11		100	109	11					
110	255	预留		110	255	预留					
6	9	平滑度	0	9	默认		0	9	默认		
			10	19	平滑		10	19	平滑		
			20	29	关闭		20	29	关闭		
			30	255	预留		30	255	预留		

### 02: HSI 8Bit 模式 & 11: HSI 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值
1	1-2	HSI	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4		色相	0	255	0	360	0	65535	0	360
3	5-6		饱和度	0	255	0	100	0	65535	0	100

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表。打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
4	7	HSI	模式	0	9	常规模式		0	9	常规模式	
				10	19	高速模式		10	19	高速模式	
				20	29	低亮模式		20	29	低亮模式	
				30	255	预留		30	255	预留	
				5	8	频率	0	9	1		0
10	19		2		10		19	2			
20	29		3		20		29	3			
30	39		4		30		39	4			
40	49		5		40		49	5			
50	59		6		50		59	6			
60	69	7		60	69		7				
70	79	8		70	79		8				
80	89	9		80	89		9				
90	99	10		90	99		10				
100	109	11		100	109	11					
110	255	预留		110	255	预留					
6	9	平滑度	0	9	默认		0	9	默认		
			10	19	平滑		10	19	平滑		
			20	29	关闭		20	29	关闭		
			30	255	预留		30	255	预留		

### 03: RGB 8Bit 模式 & 12: RGB 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值
1	1-2	RGB	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4		R (红光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
3	5-6		G (绿光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
4	7-8		B (蓝光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表。打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
5	9	RGB	模式	0	9	常规模式		0	9	常规模式	
				10	19	高速模式		10	19	高速模式	
				20	29	低亮模式		20	29	低亮模式	
				30	255	预留		30	255	预留	
				6	10	频率	0	9	1		0
10	19		2		10		19	2			
20	29		3		20		29	3			
30	39		4		30		39	4			
40	49		5		40		49	5			
50	59		6		50		59	6			
60	69	7		60	69		7				
70	79	8		70	79		8				
80	89	9		80	89		9				
90	99	10		90	99		10				
100	109	11		100	109	11					
110	255	预留		110	255	预留					
7	11	平滑度	0	9	默认		0	9	默认		
			10	19	平滑		10	19	平滑		
			20	29	关闭		20	29	关闭		
			30	255	预留		30	255	预留		

### 04: RGBW 8Bit 模式 & 13: RGBW 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值
1	1-2	RGBW	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4		R (红光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
3	5-6		G (绿光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
4	7-8		B (蓝光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
5	9-10		W (白光)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表。打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
6	11	RGBW	模式	0	9	常规模式		0	9	常规模式	
				10	19	高速模式		10	19	高速模式	
				20	29	低亮模式		20	29	低亮模式	
				30	255	预留		30	255	预留	
				7	12	频率	0	9	1		0
10	19		2		10		19	2			
20	29		3		20		29	3			
30	39		4		30		39	4			
40	49		5		40		49	5			
50	59		6		50		59	6			
60	69	7		60	69		7				
70	79	8		70	79		8				
80	89	9		80	89		9				
90	99	10		90	99		10				
100	109	11		100	109	11					
110	255	预留		110	255	预留					
8	13	平滑度	0	9	默认		0	9	默认		
			10	19	平滑		10	19	平滑		
			20	29	关闭		20	29	关闭		
			30	255	预留		30	255	预留		

### 05: RGBWW 8Bit 模式

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit	
			起始值	结束值	起始值	结束值
8Bit	RGBWW	亮度	0	255	0.0%	100.0%
1		R (红光)	0	255	0.0%	100.0%
2		G (绿光)	0	255	0.0%	100.0%
3		B (蓝光)	0	255	0.0%	100.0%
4		W (冷白光)	0	255	0.0%	100.0%
5		W (暖白光)	0	255	0.0%	100.0%

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表. 打开增强通道将占用更多通道, 默认该设置为关闭状态.

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit
7		模式	0	9	常规模式
			10	19	高速模式
			20	29	低亮模式
			30	255	预留
			30	255	预留
8	RGBWW	频率	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
			100	109	11
9		平滑度	0	9	默认
			10	19	平滑
			20	29	关闭
			30	255	预留
			30	255	预留

### 06: CCT+HSI 8Bit 模式

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit	
			起始值	结束值	起始值	结束值
8Bit	CCT+HSI	亮度	0	255	0.0%	100.0%
1		色温	0	255	1800K	10000K
2		显色	0	10	中性 / 无光效	
3			11	20	全-显-100%	
			21	119	-99%~-1%	
			120	145	中性/无光效	
	146		244	1%-99%		
	245	255	全+显100%			
4	量化	0	255	0	100	
5	色相	0	255	0	360	
6	饱和度	0	255	0	100	

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表. 打开增强通道将占用更多通道, 默认该设置为关闭状态.

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit
7		模式	0	9	常规模式
			10	19	高速模式
			20	29	低亮模式
			30	255	预留
			30	255	预留
8	CCT+HSI	频率	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
			100	109	11
9		平滑度	0	9	默认
			10	19	平滑
			20	29	关闭
			30	255	预留
			30	255	预留

### 07: CCT+RGBW 8Bit 模式

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit	
			起始值	结束值	起始值	结束值
8Bit	CCT+RGBW	亮度	0	255	0.0%	100.0%
1		色温	0	255	1800K	10000K
2		显色	0	10	中性 / 无光效	
3			11	20	全-显-100%	
			21	119	-99%~-1%	
			120	145	中性/无光效	
	146		244	1%-99%		
	245	255	全+显100%			
4	量化	0	255	0	100	
5	R (红光)	0	255	0.0%	100.0%	
6	G (绿光)	0	255	0.0%	100.0%	
7	B (蓝光)	0	255	0.0%	100.0%	
8	W (白光)	0	255	0.0%	100.0%	

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表. 打开增强通道将占用更多通道, 默认该设置为关闭状态.

DMX 通道	功能	参数名	DMX值 8Bit		实际参数值 8Bit
9		模式	0	9	常规模式
			10	19	高速模式
			20	29	低亮模式
			30	255	预留
			30	255	预留
10	CCT+RGBW	频率	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
			100	109	11
11		平滑度	0	9	默认
			10	19	平滑
			20	29	关闭
			30	255	预留
			30	255	预留



08: FX 8Bit 模式 & 15: FX 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值
1	1-2	光效类型	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3			0	9	光效关闭		0	9	光效关闭	
				10	19	闪光灯		10	19	闪光灯	
				20	29	雷闪电		20	29	雷闪电	
				30	39	多云		30	39	多云	
				40	49	坏灯泡		40	49	坏灯泡	
				50	59	TV		50	59	TV	
				60	69	蜡烛		60	69	蜡烛	
				70	79	火		70	79	火	
				80	89	烟花		80	89	烟花	
				90	99	爆炸		90	99	爆炸	
				100	109	焊接		100	109	焊接	
				110	119	警车		110	119	警车	
				120	129	SOS		120	129	SOS	
		130	139	彩光循环		130	139	彩光循环			
		140	149	派对		140	149	派对			
3	4	闪光灯	类型	0	255	CCT (0-127)	HSI (128-255)	0	255	CCT (0-127)	HSI (128-255)
4	5-6		色温/色相	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5	7-8	雷闪电	速度	0	255	1	100	0	65535	1	100
6	9-10		模式	0	255	0闪光灯	1闪光灯	0	255	0闪光灯	1闪光灯
3	4	雷闪电	色温	0	255	1800K	10000K	0	65535	1800K	10000K
4	5-6		频率	0	255	0	20	0	65535	0	20
5	7-8	多云	次数	0	255	0	10	0	65535	0	10
3	4-5		亮度比例	0	255	10%	90%	0	65535	10%	90%
4	6-7	坏灯泡	速度	0	255	0	100	0	65535	0	100
3	4		类型	0	255	CCT (0-127)	HSI (128-255)	0	255	CCT (0-127)	HSI (128-255)
4	5-6	TV	色温/色相	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5	7-8		速度	0	255	1	100	0	65535	1	100
3	4	蜡烛	类型	0	255	CCT (0-127)	HSI (128-255)	0	255	CCT (0-127)	HSI (128-255)
4	5-6		速度	0	255	1	100	0	65535	1	100
3	4-5	火	速度	0	255	1	100	0	65535	1	100
3	4-5		烟花	速度	0	255	1	100	0	65535	1
4	6-7	爆炸	余烬	0	255	1	100	0	65535	1	100
3	4		类型	0	255	CCT (0-127)	HSI (128-255)	0	255	CCT (0-127)	HSI (128-255)
4	5-6	焊接	色温/色相	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5	7-8		速度	0	255	1	100	0	65535	1	100
6	9-10	警车	余烬	0	255	1	100	0	65535	1	100
3	4		类型	0	255	CCT (0-127)	HSI (128-255)	0	255	CCT (0-127)	HSI (128-255)
4	5-6	SOS	色温/色相	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5	7-8		速度	0	255	1	100	0	65535	1	100
3	4	派对	颜色	0	255	0	7	0	255	0	7
4	5		模式	0	255	0	4	0	255	0	4
3	4-5	彩光循环	饱和度	0	255	0	100	0	65535	0	100
4	6-7		速度	0	255	1	100	0	65535	1	100
3	4-5	派对	饱和度	0	255	0	100	0	65535	0	100
4	6-7		速度	0	255	1	100	0	65535	1	100

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表, 打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
7	11	模式	0	9	常规模式		0	9	常规模式	
			10	19	高速模式		10	19	高速模式	
			20	29	低亮模式		20	29	低亮模式	
			30	255	预留		30	255	预留	
8	12	频率	0	9	1		0	9	1	
			10	19	2		10	19	2	
			20	29	3		20	29	3	
			30	39	4		30	39	4	
			40	49	5		40	49	5	
			50	59	6		50	59	6	
			60	69	7		60	69	7	
			70	79	8		70	79	8	
			80	89	9		80	89	9	
			90	99	10		90	99	10	
			100	109	11		100	109	11	
9	13	平滑度	0	9	默认		0	9	默认	
			10	19	平滑		10	19	平滑	
			20	29	关闭		20	29	关闭	
			30	255	预留		30	255	预留	

09: GEL 8Bit 模式 & 16: GEL 16Bit 模式

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit				
8Bit	16Bit			起始值	结束值	起始值	结束值	起始值	结束值	起始值	结束值			
1	1-2	GEL	亮度	0	255	0.0%	100.0%	0	65535	0.0%	100.0%			
2	3			0	255	≤128为R-GEL色片 >128为L-GEL色片		0	65535	≤128为R-GEL色片 >128为L-GEL色片				
3	4			类型	0	50	R-GEL: COR. L-GEL: COR.		0	50	R-GEL: COR. L-GEL: COR.			
					51	101	R-GEL: CAL. L-GEL: COLOR.		51	101	R-GEL: CAL. L-GEL: COLOR.			
					102	152	R-GEL: SPC. L-GEL: 600		102	152	R-GEL: SPC. L-GEL: 600			
					153	203	R-GEL: CINE. L-GEL: COS.		153	203	R-GEL: CINE. L-GEL: COS.			
					204	255	L-GEL: 700		204	255	L-GEL: 700			
4	5			色温	0	255	≤128为3200K >128为5600K	0	65535	≤128为3200K >128为5600K				
5	6-7			色号	0	255	0	不同类别的色号总数 (详细请参下表)		0	65535	0	不同类别色片的色号总数 (详细请参下表)	
6	8			色调/饱和度	0	255	0-10 色相=0; 11-255 色相 (-10--+10)		0	255	0-10 色相=0; 11-255 色相 (-10--+10)			
7	9			色调/饱和度	0	255	0-10 饱和度=0; 11-255 饱和度 (-20--+20)		0	255	0-10 饱和度=0; 11-255 饱和度 (-20--+20)			

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表, 打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道		功能	参数名	DMX值 8Bit		实际参数值 8Bit		DMX值 16Bit		实际参数值 16Bit	
8	10	模式	0	9	常规模式		0	9	常规模式		
			10	19	高速模式		10	19	高速模式		
			20	29	低亮模式		20	29	低亮模式		
			30	255	预留		30	255	预留		
9	11	频率	0	9	1		0	9	1		
			10	19	2		10	19	2		
			20	29	3		20	29	3		
			30	39	4		30	39	4		
			40	49	5		40	49	5		
			50	59	6		50	59	6		
			60	69	7		60	69	7		
			70	79	8		70	79	8		
			80	89	9		80	89	9		
			90	99	10		90	99	10		
			100	109	11		100	109	11		
10	12	平滑度	0	9	默认		0	9	默认		
			10	19	平滑		10	19	平滑		
			20	29	关闭		20	29	关闭		
			30	255	预留		30	255	预留		

R-GEL 色片

DMX通道 COR. (总数38) 色纸名称 型号 0-1 Full CTB 3202 2-3 3/4 CTB 3203 4-5 1/2 CTB 3204 6-7 1/3 CTB 3206 8-9 1/4 CTB 3208 10-11 1/8 CTB 3216 12-13 Double 3220 14-15 CTB Full 3407 16-17 CTO 3/4 CTO 3411 18-19 1/2 CTO 3408 20-21 1/4 CTO 3409 22-23 1/8 CTO 3410 24-25 Double CTO 3420 26-27 Full CTS 3441 28-29 1/2 CTS 3442 30-31 1/4 CTS 3443 32-33 1/8 CTS 3444 34-35 Full Plusgreen 3304 36-37 1/2 Plusgreen 3316 38-39 1/4 Plusgreen 3316 40-41 1/8 Plusgreen 3317 42-43 Full Minusgreen 3308 44-45 3/4 Minusgm 3309 46-47 1/2 Minusgreen 3313 48-49 1/4 Minusgreen 3314 50-51 1/8 Minusgreen 3318 52-53 Fluorofilter 3310 54-55 Industrial Vapor 3150 56-57 Urban Vapor 3152 58-59 Tough Y-1 3107 60-61 Tough MT 54 3134 62-63 Tough MTY 3106 64-65 Tough MT2 3102

DMX通道 CAL. (总数33) 色纸名称 型号 0-1 15 Blue 4216 2-3 30 Blue 4230 4-5 60 Blue 4260 6-7 90 Blue 4290 8-9 7 Cyan 4307 10-11 15 Cyan 4315 12-13 30 Cyan 4330 14-15 60 Cyan 4350 16-17 90 Cyan 4390 18-19 15 Green 4416 20-21 30 Green 4430 22-23 60 Green 4450 24-25 90 Green 4490 26-27 15 Yellow 4516 28-29 30 Yellow 4530 30-31 60 Yellow 4590 32-33 90 Yellow 4590 34-35 15 Red 4615 36-37 30 Red 4630 38-39 60 Red 4650 40-41 90 Red 4690 42-43 15 Magenta 4715 44-45 30 Magenta 4730 46-47 60 Magenta 4760 48-49 90 Magenta 4790 50-51 15 Pink 4815 52-53 30 Pink 4830 54-55 60 Pink 4850 56-57 90 Pink 4890 58-59 15 Lavender 4916 60-61 30 Lavender 4930 62-63 60 Lavender 4960 64-65 90 Lavender 4990

DMX通道 SPC. (总数10) 色纸名称 型号 0-1 VS Red 2001 2-3 VS Orange 2002 4-5 VS Yellow 2003 6-7 VS Green 2004 8-9 VS Cyan 2005 10-11 VS Azure 2006 12-13 VS Blue 2007 14-15 VS Indigo 2008 16-17 VS Violet 2009 18-19 VS Magenta 2010

DMX通道 CINE. (总数46) 色纸名称 型号 0-1 Bastard Amber 2 2-3 Pale Bastard Amber 302 4-5 No Color Straw 5 6-7 Pale Gold 8 8-9 Daffodil 310 10-11 Straw 12 12-13 Light Amber 16 14-15 Gallo Gold 316 16-17 Light Flame 17 18-19 Flame 18 20-21 Mayan Sun 318 22-23 Golden Amber 21 24-25 Soft Golden Amber 321 26-27 Orange 23 28-29 Henna Sky 325 30-31 Light Red 26 32-33 No Color Pink 33 34-35 Blush Pink 333 36-37 Flesh Pink 34 38-39 Pale Rose Pink 37 40-41 Salmon 41 42-43 Deep Salmon 42 44-45 Middle Rosa 44 46-47 Light Rose Purple 47 48-49 Surprise Pink 51 50-51 No Color Blue 60 52-53 Clearwater 360 54-55 Baccater Blue 62 56-57 Tipton Blue 362 58-59 Blue Bell 364 60-61 Daylight Blue 66 62-63 Tharon Delft Blue 365 64-56 Cerulean Blue 375 66-67 Bermuda Blue 376 68-69 Green Blue 77 70-71 Alice Blue 378 72-73 Primary Blue 80 74-75 Baldassari Blue 381 76-77 Medium Blue 83 78-79 Pale Yellow Green 87 80-81 Light Green 88 82-88 Moss Green 89 84-85 Primary Green 91 86-87 Turquoise 92 88-89 Blue Green 93 90-91 Chocolate 99

L-GEL 色片

DMX通道 COR. (总数39) 色纸名称 型号 0-1 Double CTB 200 2-3 Full CTB 201 4-5 3/4 CTB 201 6-7 1/2 CTB 202 8-9 1/4 CTB 203 10-11 1/8 CTB 218 12-13 Double CTO 287 14-15 CTO Full 204 16-17 CTO 3/4 CTO 285 18-19 1/2 CTO 205 20-21 1/4 CTO 206 22-23 1/8 CTO 223 24-25 1 1/2 CTB 283 26-27 1 1/2 CTO 286 28-29 Full CTS 441 30-31 1/2 CTS 442 32-33 1/4 CTS 443 34-35 1/8 CTS 444 36-37 Full CTO + .3 ND 207 38-39 Full CTO + .6 ND 208 40-41 L.C.T. Yellow (Y1) 212 42-43 White Flame Green 213 44-45 LEE Fluorescent Green 219 46-47 Super Correction L.C.T. 230 48-49 Yellow Super Correction 232 50-51 W.F. Green 236 52-53 H.M.I. (to Tungsten) 237 54-55 C.I.D. (to Tungsten) 238 56-57 C.S.I. (to Tungsten) 241 58-59 LEE Fluorescent 6700 Kelvin 242 60-61 LEE Fluorescent 4300 Kelvin 243 62-63 LEE Fluorescent 3600 Kelvin 244 64-65 LEE Plus Green 245 66-67 1/2 Plus Green 246 68-69 1/4 Plus Green 276 70-71 1/8 Plus Green 247 72-73 LEE Minus Green 248 74-75 1/2 Minus Green 249 76-77 1/4 Minus Green 279

DMX通道 COLOR. (总数89) 色纸名称 型号 0-1 Rose Pink 2 2-3 Lavender Tint 3 4-5 Medium Bastard Amber 4 6-7 Pale Yellow 7 8-9 Dark Salmon 8 10-11 Pale Amber Gold 9 12-13 Medium Yellow 10 14-15 Straw Tint 13 16-17 Surprise Peach 17 18-19 Fire 19 20-21 Medium Amber 20 22-23 Gold Amber 21 24-25 Dark Amber 22 26-27 Scarlet 24 28-29 Sunset Red 25 30-31 Bright Red 26 32-33 Light Pink 35 34-35 Medium Pink 36 36-37 Dark Magenta 46 38-39 Rose Purple 48 40-41 Light Lavender 52 42-43 Paler Lavender 63 44-45 Lavender 58 46-47 Milet Blue 61 48-49 Pale Blue 63 50-51 Sky Blue 68 52-53 Evening Blue 76 54-55 Just Blue 79 56-57 Deepar Blue 85 58-59 Lime Green 88 60-61 Moss Green 89 62-63 Dark Yellow Green 90 64-65 Spring Yellow 100 66-67 Yellow 101 68-69 Light Amber 102 70-71 Straw 103 72-73 Deep Amber 104 74-76 Primary Red 106 76-77 Light Rose 107 78-79 English Rose 108 80-81 Light Salmon 109 82-83 Middle Rose 110 84-85 Dark Pink 111 86-87 Magenta 113 88-89 Peacock Blue 115 90-91 Steel Blue 117 92-93 Light Blue 118 94-96 Deep Blue 120 96-97 LEE Green 121 98-99 Fern Green 122 100-101 Dark Green 124 102-103 Smokey Pink 127 104-105 Bright Pink 128 106-107 Marine Blue 131 108-109 Golden Amber 134 110-111 Deep Golden Amber 136 112-113 Pale Lavender 136 114-116 Special Lavender 137 116-117 Pale Green 138 118-119 Summer Blue 140 120-121 Pale Violet 142 122-123 Pale Navy Blue 143 124-125 No Color Blue 144 126-127 Apricot 147 128-129 Bright Rose 148 130-131 Gold Tint 151 132-133 Pale Gold 152 134-135 Pale Salmon 153 136-137 Pale Rose 154 138-139 Chocolate 156 140-141 Pink 167 142-143 No Color Straw 169 144-146 Slate Blue 161 146-147 Bastard Amber 162 148-149 Flame Red 164 150-151 Daylight Blue 165 152-153 Lila Tint 169 154-155 Deep Lavender 170 156-157 Dark Steel Blue 174 158-159 Loving Amber 176 160-161 Dark Lavender 180 162-163 Light Red 182 164-165 Flesh Pink 192 166-167 Surprise Pink 194 168-169 Zenith Blue 196 170-171 True Blue 196 172-173 Alice Blue 197 174-175 Palace Blue 198 176-177 Regal Blue 199

DMX通道 600 (总数9) 色纸名称 型号 0-1 Arctic White 600 2-3 Silver 601 4-5 Platinum 602 6-7 Moonlight White 603 8-9 Full CT 85 604 10-11 Industry Sodium 660 12-13 Hi Sodium 661 14-15 Urban Sodium 662 16-17 LO Sodium 653

DMX通道 COS. (总数18) 色纸名称 型号 0-1 Cosmetic Peach 184 2-3 Cosmetic Silver Rose 186 4-6 Cosmetic Rouge 187 6-7 Cosmetic Highlight 188 8-9 Cosmetic Silver Moss 189 10-11 Cosmetic Aqua Blue 191 12-13 Lily Frost 705 14-15 Shanklin Frost 717 16-17 Half Shanklin Frost 718 18-19 Durham Daylight Frost 720 20-21 Hampshire Rose 749 22-23 Durham Frost 760 24-25 Soft Amber Key 1 774 26-27 Soft Amber Key 2 776 28-29 Moroccan Frost 791 30-31 Blue Diffusion 217 32-33 Blue Frost 221 34-36 Daylight Blue frost 224

DMX通道 700 (总数41) 色纸名称 型号 0-1 Perfect Lavender 700 2-3 Provence 701 4-5 Special Pale Lavender 702 6-7 Cold Lavender 703 8-9 Lily 704 10-11 King Falls Lavender 706 12-13 Cool Lavender 708 14-15 Electric Lilac 709 16-17 Splr Special Blue 710 18-19 Cold Blue 711 20-21 Bedford Blue 712 22-23 Elysian Blue 714 24-25 Cabana Blue 716 26-27 Mikkel Blue 716 28-29 Colour Wash Blue 719 30-31 Berry Blue 721 32-33 Virgin Blue 723 34-35 Ocean Blue 724 36-37 Old Steel Blue 725 38-39 Steel Green 728 40-41 Liberty Green 730 42-43 Dirty Ice 731 44-45 Damp Squib 733 46-47 JAS Green 738 48-49 Bram Brown 742 50-51 Dirty White 744 52-53 Brown 746 54-55 Easy White 747 56-57 Seedy Pink 748 58-59 Wheat 763 60-61 Sun Colour Straw 764 62-63 LEE Yellow 765 64-65 Cardbox Amber 773 66-67 Nectarine 776 68-69 Millenium Gold 778 70-71 Bastard Pink 779 72-73 Terry Red 781 74-76 Blood Red 789 76-77 Moroccan Pink 790 78-79 Pretty n'Pink 794 80-81 Magical Magenta 795

## 14: X-Y 16Bit 模式

DMX 通道	功能	参数名	DMX值 16Bit		实际参数值 16Bit	
			起始值	结束值	起始值	结束值
16Bit	X-Y	亮度	0	65535	0.0%	100.0%
1-2		X	0	65535	0	0.85
3-4		Y	0	65535	0	0.85
5-6						

增强通道: 用户打开该功能后 DMX 模式将新增扩展功能通道, 具体新增如下表。打开增强通道将占用更多通道, 默认该设置为关闭状态。

DMX 通道	功能	参数名	DMX值 16Bit		实际参数值 16Bit
7	X-Y	模式	0	9	常闭模式
			10	19	高速模式
			20	29	任意模式
			30	255	预留
			0	9	1
8	X-Y	频率	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
			100	109	11
			110	255	预留
9	平滑度	0	9	默认	
		10	19	平滑	
		20	29	关闭	
		30	255	预留	

## 计算公式

### 计算亮度

8 Bit

$$\text{DMX 数值} = \frac{\text{亮度数值}}{0.3922}$$

$$\text{亮度数值} = \text{DMX 数值} \times 0.3922$$

16 Bit

$$\text{DMX 数值} = \frac{\text{亮度数值}}{0.001526}$$

$$\text{亮度数值} = \text{DMX 数值} \times 0.001526$$

### 计算色温

8 Bit

$$\text{DMX 数值} = \frac{\text{色温数值} - 1800}{32.1568}$$

$$\text{色温数值} = \text{DMX 数值} \times 32.1568 + 1800$$

16 Bit

$$\text{DMX 数值} = \frac{\text{色温数值} - 1800}{0.1251}$$

$$\text{色温数值} = \text{DMX 数值} \times 0.1251 + 1800$$

## 01: CCT 8Bit Mode & 10: CCT 16Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
1	1-2	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4	CCT	0	255	1800K	10000K	0	65535	1800K	10000K
3	5-6	GM	0	10	Neutral/No Effect		0	04587	Neutral/No Effect	
			11	20	Full Minus Green-100%		04588	09830	Full Minus Green-100%	
			21	119	-99%~-1%		09831	30145	-99%~-1%	
			120	145	Neutral/No Effect		30146	39976	Neutral/No Effect	
			146	244	1%-99%		39977	60292	1%-99%	
			245	255	Full Plus Green 100%		60293	65535	Full Plus Green 100%	

Extend DMX Channels: The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	DMX value 16Bit		Actual value 16Bit	
4	7	Mode	0	9	Normal	0	9	Normal	
			10	19	Highspeed	10	19	Highspeed	
			20	29	Low End	20	29	Low End	
			30	255	Preset	30	255	Preset	
			0	9	1	0	9	1	
5	8	CCT	Frequency	10	19	2	10	19	2
				20	29	3	20	29	3
				30	39	4	30	39	4
				40	49	5	40	49	5
				50	59	6	50	59	6
				60	69	7	60	69	7
				70	79	8	70	79	8
				80	89	9	80	89	9
				90	99	10	90	99	10
				100	109	11	100	109	11
				110	255	Preset	110	255	Preset
6	9	Smoothing	0	9	Default	0	9	Default	
			10	19	Smooth	10	19	Smooth	
			20	29	Off	20	29	Off	
			30	255	Preset	30	255	Preset	

## 02: HSI 8Bit Mode & 11: HSI 16Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
1	1-2	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4	Hue	0	255	0	360	0	65535	0	360
3	5-6	Saturation	0	255	0	100	0	65535	0	100

Extend DMX Channels: The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	DMX value 16Bit		Actual value 16Bit	
4	7	Mode	0	9	Normal	0	9	Normal	
			10	19	Highspeed	10	19	Highspeed	
			20	29	Low End	20	29	Low End	
			30	255	Preset	30	255	Preset	
5	8	HSI	Frequency	0	9	1	0	9	1
				10	19	2	10	19	2
				20	29	3	20	29	3
				30	39	4	30	39	4
				40	49	5	40	49	5
				50	59	6	50	59	6
				60	69	7	60	69	7
				70	79	8	70	79	8
				80	89	9	80	89	9
				90	99	10	90	99	10
				100	109	11	100	109	11
6	9	Smoothing	0	9	Default	0	9	Default	
			10	19	Smooth	10	19	Smooth	
			20	29	Off	20	29	Off	
			30	255	Preset	30	255	Preset	

### 03: RGB 8Bit Mode & 12: RGB 16Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
8Bit	16Bit									
1	1-2	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4	R (Red light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
3	5-6	G (Green light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
4	7-8	B (Blue light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
5	9	Mode	0	9	Normal		0	9	Normal	
			10	19	Highspeed		10	19	Highspeed	
			20	29	Low End		20	29	Low End	
			30	255	Preset		30	255	Preset	
6	10	Frequency	0	9	1		0	9	1	
			10	19	2		10	19	2	
			20	29	3		20	29	3	
			30	39	4		30	39	4	
			40	49	5		40	49	5	
			50	59	6		50	59	6	
			60	69	7		60	69	7	
			70	79	8		70	79	8	
			80	89	9		80	89	9	
			90	99	10		90	99	10	
			100	109	11		100	109	11	
7	11	Smoothing	0	9	Default		0	9	Default	
			10	19	Smooth		10	19	Smooth	
			20	29	Off		20	29	Off	
			30	255	Preset		30	255	Preset	

### 04: RGBW 8Bit Mode & 13: RGBW 16 Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
8Bit	16Bit									
1	1-2	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3-4	R (Red light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
3	5-6	G (Green light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
4	7-8	B (Blue light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
5	9-10	W (White light)	0	255	0.0%	100.0%	0	65535	0.0%	100.0%

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
6	11	Mode	0	9	Normal		0	9	Normal	
			10	19	Highspeed		10	19	Highspeed	
			20	29	Low End		20	29	Low End	
			30	255	Preset		30	255	Preset	
7	12	Frequency	0	9	1		0	9	1	
			10	19	2		10	19	2	
			20	29	3		20	29	3	
			30	39	4		30	39	4	
			40	49	5		40	49	5	
			50	59	6		50	59	6	
			60	69	7		60	69	7	
			70	79	8		70	79	8	
			80	89	9		80	89	9	
			90	99	10		90	99	10	
			100	109	11		100	109	11	
8	13	Smoothing	0	9	Default		0	9	Default	
			10	19	Smooth		10	19	Smooth	
			20	29	Off		20	29	Off	
			30	255	Preset		30	255	Preset	

### 05: RGBWW 8Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
8Bit						
1	RGBWW	Brightness	0	255	0.0%	100.0%
2		R (Red light)	0	255	0.0%	100.0%
3		G (Green light)	0	255	0.0%	100.0%
4		B (Blue light)	0	255	0.0%	100.0%
5		W (Cool white light)	0	255	0.0%	100.0%
6		W (Warm white light)	0	255	0.0%	100.0%

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
7		Mode	0	9	Normal	
			10	19	Highspeed	
			20	29	Low End	
			30	255	Preset	
8	RGBWW	Frequency	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	
			100	109	11	
9		Smoothing	0	9	Default	
			10	19	Smooth	
			20	29	Off	
			30	255	Preset	

### 06: CCT+HSI 8Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
8Bit						
1	CCT+HSI	Brightness	0	255	0.0%	100.0%
2		CCT	0	255	1800K	10000K
3		GM	0	10	Neutral/No Effect	
			11	20	Full Minus Green-100%	
			21	119	-99%--1%	
			120	145	Neutral/No Effect	
	146		244	1%--99%		
245	255	Full Plus Green 100%				
4	Disolve	0	255	0	100	
5	Hue	0	255	0	360	
6	Saturation	0	255	0	100	

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
7		Mode	0	9	Normal	
			10	19	Highspeed	
			20	29	Low End	
			30	255	Preset	
8	CCT+HSI	Frequency	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	
			100	109	11	
9		Smoothing	0	9	Default	
			10	19	Smooth	
			20	29	Off	
			30	255	Preset	



### 07: CCT+RGBW 8Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
1	CCT+RGBW	Brightness	0	255	0.0%	100.0%
2		CCT	0	255	1800K	10000K
3		GM	0	10	Neutral/No Effect	
			11	20	Full Minus Green-100%	
			21	119	-99%~-1%	
			120	145	Neutral/No Effect	
			146	244	1%-99%	
4		Dissolve	0	255	0	100
5		R (Red light)	0	255	0.0%	100.0%
6		G (Green light)	0	255	0.0%	100.0%
7	B (Blue light)	0	255	0.0%	100.0%	
8	W (White light)	0	255	0.0%	100.0%	

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit	
			Starting	Ending	Starting	Ending
9		Mode	0	9	Normal	
			10	19	Highspeed	
			20	29	Low End	
			30	255	Preset	
10	CCT+RGBW	Frequency	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	
			100	109	11	
11		Smoothing	0	9	Default	
			10	19	Smooth	
			20	29	Off	
			30	255	Preset	

### 08: FX 8Bit Mode & 15: FX 16Bit Mode

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit			
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending		
1	FX	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%		
2			3	0	9	FX Off		0	9	FX Off		
				10	19	Flash		10	19	Flash		
				20	29	Lightning		20	29	Lightning		
				30	39	Cloudy		30	39	Cloudy		
				40	49	Broken Bulb		40	49	Broken Bulb		
				50	59	TV		50	59	TV		
				60	69	Candle		60	69	Candle		
				70	79	Fire		70	79	Fire		
				80	89	Firework		80	89	Firework		
				90	99	Explosion		90	99	Explosion		
				100	109	Welding		100	109	Welding		
				110	119	Police Car		110	119	Police Car		
				120	129	SOS		120	129	SOS		
				130	139	RGB Cycle		130	139	RGB Cycle		
140			149	Party		140	149	Party				
3			4	Flash	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)
4	5-6	CCT/Hue			0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5	7-8	Flash	Speed	0	255	1	100	0	65535	1	100	
6			9-10	Mode	0	255	0 Camera flash	1 Flash bulb	0	255	0 Camera flash	1 Flash bulb
3	4	Lightning	CCT	0	255	1800K	10000K	0	65535	1800K	10000K	
4			5-6	Frequency	0	255	0	20	0	65535	0	20
5			7-8	Times	0	255	0	10	0	65535	0	10
3	4-5	Cloudy	Ratio	0	255	10%	90%	0	65535	10%	90%	
4			6-7	Speed	0	255	0	100	0	65535	0	100
3	4	Broken Bulb	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)	HSI(128-255)	
4			5-6	CCT/Hue	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5			7-8	Speed	0	255	1	100	0	65535	1	100
3	4	TV	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)	HSI(128-255)	
4			5-6	Speed	0	255	1	100	0	65535	1	100
3	4-5	Candle	Speed	0	255	1	100	0	65535	1	100	
3			4-5	Fire	Speed	0	255	1	100	0	65535	1
3	4-5	Firework	Speed	0	255	1	100	0	65535	1	100	
4			6-7	Embers	0	255	1	100	0	65535	1	100
3	4	Explosion	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)	HSI(128-255)	
4			5-6	CCT/Hue	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5			7-8	Speed	0	255	1	100	0	65535	1	100
6	9-10	Embers	0	255	1	100	0	65535	1	100		
3	4	Welding	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)	HSI(128-255)	
4			5-6	CCT/Hue	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
5			7-8	Speed	0	255	1	100	0	65535	1	100
3	4	SOS	Type	0	255	CCT (0-127)	HSI(128-255)	0	255	CCT (0-127)	HSI(128-255)	
4			5-6	CCT/Hue	0	255	1800K/0	10000K/360	0	65535	1800K/0	10000K/360
3	4	Police Car	Color	0	255	0	7	0	255	0	7	
4			5	Mode	0	255	0	4	0	255	0	4
3	4-5	RGB Cycle	Saturation	0	255	0	100	0	65535	0	100	
4			6-7	Speed	0	255	1	100	0	65535	1	100
3	4-5	Party	Saturation	0	255	0	100	0	65535	0	100	
4			6-7	Speed	0	255	1	100	0	65535	1	100

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
7	11	Mode	0	9	Normal		0	9	Normal	
			10	19	Highspeed		10	19	Highspeed	
			20	29	Low End		20	29	Low End	
			30	255	Preset		30	255	Preset	
8	12	Frequency	0	9	1		0	9	1	
			10	19	2		10	19	2	
			20	29	3		20	29	3	
			30	39	4		30	39	4	
			40	49	5		40	49	5	
			50	59	6		50	59	6	
			60	69	7		60	69	7	
			70	79	8		70	79	8	
			80	89	9		80	89	9	
			90	99	10		90	99	10	
			100	109	11		100	109	11	
9	13	Smoothing	0	9	Default		0	9	Default	
			10	19	Smooth		10	19	Smooth	
			20	29	Off		20	29	Off	
			30	255	Preset		30	255	Preset	



**09: GEL 8Bit Mode & 16: GEL 16Bit Mode**

DMX channel	Function	Parameter	DMX value 8 Bit		Actual value 8Bit		DMX value 16 Bit		Actual value 16 Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
1	1-2	Brightness	0	255	0.0%	100.0%	0	65535	0.0%	100.0%
2	3	R-GEL/L-GEL	0	255	≤128: R-GEL >128: L-GEL		0	65535	≤128: R-GEL >128: L-GEL	
3	4	Type	0	50	R-GEL: COR. L-GEL: COR.		0	50	R-GEL: COR. L-GEL: COR.	
			51	101	R-GEL: CAL. L-GEL: COLOR.		51	101	R-GEL: CAL. L-GEL: COLOR.	
			102	152	R-GEL: SPC. L-GEL: 600		102	152	R-GEL: SPC. L-GEL: 600	
			153	203	R-GEL: CINE. L-GEL: COS.		153	203	R-GEL: CINE. L-GEL: COS.	
			204	255	L-GEL: 700		204	255	L-GEL: 700	
4	5	CCT	0	255	≤128: 3200K >128: 5600K		0	65535	≤128: 3200K >128: 5600K	
5	6-7	Color number	0	255	0	Total color numbers for different categories(refer to the table below)	0	65535	0	Total color numbers for different categories(refer to the table below)
6	8	Fine-tune hue	0	255	0-10 Hue=0; 11-255 Hue (-10--+10)		0	255	0-10 Hue=0; 11-255 Hue (-10--+10)	
7	9	Fine-tune saturation	0	255	0-10 Sat=0; 11-255 Sat (-20--+20)		0	255	0-10 Sat=0; 11-255 Sat (-20--+20)	

**Extend DMX Channels:** The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 8Bit		Actual value 8Bit		DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending	Starting	Ending	Starting	Ending
8	10	Mode	0	9	Normal		0	9	Normal	
			10	19	Highspeed		10	19	Highspeed	
			20	29	Low End		20	29	Low End	
			30	255	Preset		30	255	Preset	
9	11	Frequency	0	9	1		0	9	1	
			10	19	2		10	19	2	
			20	29	3		20	29	3	
			30	39	4		30	39	4	
			40	49	5		40	49	5	
			50	59	6		50	59	6	
			60	69	7		60	69	7	
			70	79	8		70	79	8	
			80	89	9		80	89	9	
			90	99	10		90	99	10	
			100	109	11		100	109	11	
		110	255	Preset		110	255	Preset		
10	12	Smoothing	0	9	Default		0	9	Default	
			10	19	Smooth		10	19	Smooth	
			20	29	Off		20	29	Off	
			30	255	Preset		30	255	Preset	

**R-GEL**

DMX channel	COR. (In total 33)	
	Name	Model
0-1	Full CTB	3202
2-3	3/4 CTB	3203
4-5	1/2 CTB	3204
6-7	1/3 CTB	3205
8-9	1/4 CTB	3208
10-11	1/8 CTB	3216
12-13	Double	3220
14-15	CTB Full	3407
16-17	CTO 3/4 CTO	3411
18-19	1/2 CTO	3408
20-21	1/4 CTO	3409
22-23	1/8 CTO	3410
24-25	Double CTO	3420
26-27	Full CTS	3441
28-29	1/2 CTS	3442
30-31	1/4 CTS	3443
32-33	1/8 CTS	3444
34-35	Full Plusgreen	3304
36-37	1/2 Plusgreen	3315
38-39	1/4 Plusgreen	3316
40-41	1/8 Plusgreen	3317
42-43	Full Minusgreen	3308
44-45	3/4 Minusgrn	3309
46-47	1/2 Minusgreen	3313
48-49	1/4 Minusgreen	3314
50-51	1/8 Minusgreen	3318
52-53	Fluorofilter	3310
54-55	Industrial Vapor	3160
56-57	Urban Vapor	3152
58-59	Tough Y-1	3107
60-61	Tough MT 54	3134
62-63	Tough MTY	3106
64-65	Tough MT2	3102

DMX channel	CAL. (In total 33)	
	Name	Model
0-1	16 Blue	4215
2-3	30 Blue	4230
4-5	60 Blue	4260
6-7	90 Blue	4290
8-9	7 Cyan	4307
10-11	15 Cyan	4315
12-13	30 Cyan	4330
14-15	60 Cyan	4360
16-17	90 Cyan	4390
18-19	15 Green	4415
20-21	30 Green	4430
22-23	60 Green	4460
24-25	90 Green	4490
26-27	15 Yellow	4515
28-29	30 Yellow	4530
30-31	60 Yellow	4560
32-33	90 Yellow	4590
34-35	15 Red	4615
36-37	30 Red	4630
38-39	60 Red	4660
40-41	90 Red	4690
42-43	15 Magenta	4715
44-45	30 Magenta	4730
46-47	60 Magenta	4760
48-49	90 Magenta	4790
50-51	15 Pink	4815
52-53	30 Pink	4830
54-55	60 Pink	4860
56-57	90 Pink	4890
58-59	15 Lavender	4915
60-61	30 Lavender	4930
62-63	60 Lavender	4960
64-65	90 Lavender	4990

DMX channel	SPC. (In total 10)	
	Name	Model
0-1	VS Red	2001
2-3	VS Orange	2002
4-5	VS Yellow	2003
6-7	VS Green	2004
8-9	VS Cyan	2005
10-11	VS Azure	2006
12-13	VS Blue	2007
14-15	VS Indigo	2008
16-17	VS Violet	2009
18-19	VS Magenta	2010

DMX channel	CINE. (In total 46)	
	Name	Model
0-1	Bastard Amber	2
2-3	Pale Bastard Amber	302
4-5	No Color Straw	6
6-7	Pale Gold	8
8-9	Daffodil	310
10-11	Straw	12
12-13	Light Amber	15
14-15	Gallo Gold	316
16-17	Light Flame	17
18-19	Flame	18
20-21	Mayan Sun	318
22-23	Golden Amber	21
24-25	Soft Golden Amber	321
26-27	Orange	23
28-29	Henna Sky	325
30-31	Light Red	26
32-33	No Color Pink	33
34-35	Blush Pink	333
36-37	Flesh Pink	34
38-39	Pale Rose Pink	37
40-41	Salmon	41
42-43	Deep Salmon	42
44-45	Middle Rose	44
46-47	Light Rose Purple	47
48-49	Surprise Pink	51
50-51	No Color Blue	60
52-53	Clearwater	360
54-55	Booster Blue	62
56-57	Tipton Blue	362
58-59	Blue Bell	364
60-61	Daylight Blue	65
62-63	Tharon Delft Blue	365
64-65	Caribbean Blue	375
66-67	Bermuda Blue	376
68-69	Green Blue	77
70-71	Alice Blue	378
72-73	Primary Blue	80
74-75	Baldassari Blue	381
76-77	Medium Blue	83
78-79	Pale Yellow Green	87
80-81	Light Green	88
82-83	Moss Green	89
84-85	Primary Green	91
86-87	Turquoise	92
88-89	Blue Green	93
90-91	Chocolate	99

L-GEL

DMX channel	COR. (In total 39)	
	Name	Model
0-1	Double CTB	200
2-3	Full CTB	201
4-5	3/4 CTB	281
6-7	1/2 CTB	202
8-9	1/4 CTB	203
10-11	1/8 CTB	218
12-13	Double CTO	287
14-15	CTO Full	204
16-17	CTO 3/4 CTO	285
18-19	1/2 CTO	205
20-21	1/4 CTO	206
22-23	1/8 CTO	223
24-25	1 1/2 CTB	283
26-27	1 1/2 CTO	286
28-29	Full CTS	441
30-31	1/2 CTS	442
32-33	1/4 CTS	443
34-35	1/8 CTS	444
36-37	Full CTO + .3 ND	207
38-39	Full CTO + .6 ND	208
40-41	L.C.T. Yellow (Y1)	212
42-43	White Flame Green	213
44-45	LEE Fluorescent Green	219
46-47	Super Correction L.C.T.	230
48-49	Yellow Super Correction	232
50-51	W.F. Green	236
52-53	H.M.I. (to Tungsten)	237
54-55	C.L.D. (to Tungsten)	238
56-57	C.S.I. (to Tungsten)	241
58-59	LEE Fluorescent 5700 Kelvin	242
60-61	LEE Fluorescent 4300 Kelvin	243
62-63	LEE Fluorescent 3600 Kelvin	244
64-65	LEE Plus Green	245
66-67	1/2 Plus Green	246
68-69	1/4 Plus Green	278
70-71	1/8 Plus Green	247
72-73	LEE Minus Green	248
74-75	1/2 Minus Green	249
76-77	1/4 Minus Green	279

DMX channel	COLOR. (In total 89)	
	Name	Model
0-1	Rose Pink	2
2-3	Lavender Tint	3
4-5	Medium Bastard Amber	4
6-7	Pale Yellow	7
8-9	Dark Salmon	8
10-11	Pale Amber Gold	9
12-13	Medium Yellow	10
14-15	Straw Tint	13
16-17	Surprise Peach	17
18-19	Fire	19
20-21	Medium Amber	20
22-23	Gold Amber	21
24-25	Dark Amber	22
26-27	Scarlet	24
28-29	Sunset Red	25
30-31	Bright Red	26
32-33	Light Pink	35
34-35	Medium Pink	36
36-37	Dark Magenta	46
38-39	Rose Purple	48
40-41	Light Lavender	52
42-43	Paler Lavender	53
44-45	Lavender	58
46-47	Mist Blue	61
48-49	Pale Blue	63
50-51	Sky Blue	68
52-53	Evening Blue	76
54-55	Just Blue	79
56-57	Deeper Blue	85
58-59	Lime Green	88
60-61	Moss Green	89
62-63	Dark Yellow Green	90
64-65	Spring Yellow	100
66-67	Yellow	101
68-69	Light Amber	102
70-71	Straw	103
72-73	Deep Amber	104
74-75	Primary Red	105
76-77	Light Rose	107
78-79	English Rose	108
80-81	Light Salmon	109
82-83	Middle Rose	110
84-85	Dark Pink	111
86-87	Magenta	113
88-89	Peacock Blue	116
90-91	Steel Blue	117
92-93	Light Blue	118
94-95	Deep Blue	120
96-97	LEE Green	121
98-99	Fern Green	122
100-101	Dark Green	124
102-103	Smokey Pink	127
104-105	Bright Pink	128
106-107	Marina Blue	131
108-109	Golden Amber	134
110-111	Deep Golden Amber	135
112-113	Pale Lavender	136
114-115	Special Lavender	137
116-117	Pale Green	138
118-119	Summer Blue	140
120-121	Pale Violet	142
122-123	Pale Navy Blue	143
124-125	No Color Blue	144
126-127	Apricot	147
128-129	Bright Rose	148
130-131	Gold Tint	151
132-133	Pale Gold	162
134-135	Pale Salmon	163
136-137	Pale Rose	164
138-139	Chocolate	166
140-141	Pink	167
142-143	No Color Straw	159
144-145	Slate Blue	161
146-147	Bastard Amber	162
148-149	Flame Red	164
160-161	Daylight Blue	165
162-163	Lilac Tint	169
164-165	Deep Lavender	170
166-167	Dark Steel Blue	174
168-169	Levins Amber	176
170-171	Dark Lavender	180
172-173	Light Red	182
174-175	Flesh Pink	192
176-177	Surprise Pink	194
178-179	Zenith Blue	195
180-181	True Blue	196
182-183	Alice Blue	197
184-185	Palace Blue	198
186-187	Regal Blue	199

DMX channel	600 (In total 9)	
	Name	Model
0-1	Arctic White	600
2-3	Silver	601
4-5	Platinum	602
6-7	Moonlight White	603
8-9	Full CT 85	604
10-11	Industry Sodium	650
12-13	Hi Sodium	651
14-15	Urban Sodium	652
16-17	LD Sodium	653

DMX channel	CDS. (In total 18)	
	Name	Model
0-1	Cosmetic Peach	184
2-3	Cosmetic Silver Rose	185
4-5	Cosmedo Rouge	187
6-7	Cosmetic Highlight	188
8-9	Cosmetic Silver Moss	189
10-11	Cosmetic Aqua Blue	191
12-13	Lily Frost	705
14-15	Shanklin Frost	717
16-17	Half Shanklin Frost	718
18-19	Durham Daylight Frost	720
20-21	Hampshire Rose	749
22-23	Durham Frost	760
24-25	Soft Amber Key 1	774
26-27	Soft Amber Key 2	775
28-29	Moroccan Frost	791
30-31	Blue Diffusion	217
32-33	Blue Frost	221
34-35	Daylight Blue frost	224

DMX channel	700 (In total 41)	
	Name	Model
0-1	Perfect Lavender	700
2-3	Provence	701
4-5	Special Pale Lavender	702
6-7	Cold Lavender	703
8-9	Lily	704
10-11	King Pale Lavender	706
12-13	Cool Lavender	708
14-15	Electric Lilac	709
16-17	Spir Special Blue	710
18-19	Cold Blue	711
20-21	Bedford Blue	712
22-23	Elysian Blue	714
24-25	Cabana Blue	715
26-27	Mikkel Blue	716
28-29	Colour Wash Blue	719
30-31	Berry Blue	721
32-33	Virgin Blue	723
34-35	Ocean Blue	724
36-37	Old Steel Blue	726
38-39	Steel Green	728
40-41	Liberty Green	730
42-43	Dirty Ice	731
44-45	Damp Squib	733
46-47	JAS Green	738
48-49	Bram Brown	742
50-51	Dirty White	744
52-53	Brown	745
54-55	Easy White	747
56-57	Seedy Pink	748
58-59	Wheat	763
60-61	Sun Colour Straw	764
62-63	LEE Yellow	765
64-65	Cardbox Amber	773
66-67	Nectarine	776
68-69	Millenium Gold	778
70-71	Bastard Pink	779
72-73	Terry Red	781
74-75	Blood Red	789
76-77	Moroccan Pink	790
78-79	Pretty n'Pink	794
80-81	Magical Magenta	796

14: X-Y 16Bit Mode

DMX channel	Function	Parameter	DMX value 16Bit		Actual value 16Bit	
			Starting	Ending	Starting	Ending
16Bit						
1-2	X-Y	Brightness	0	65535	0.0%	100.0%
3-4		X	0	65535	0	0.85
5-6		Y	0	65535	0	0.85

Extend DMX Channels: The DMX mode will add extended channels when this function is turned on, as shown in the following table. Turning on the extend DMX channels will take up more channels, and this setting is off by default.

DMX channel	Function	Parameter	DMX value 16Bit		Actual value 16Bit	
			0	9		
7		Mode	0	9		Normal
			10	19		Highspeed
			20	29		Low End
			30	255		Preset
			30	255		Preset
8	X-Y	Frequency	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
			100	109		11
9		Smoothing	0	9		Default
			10	19		Smooth
			20	29		Off
			30	255		Preset
			30	255		Preset

Calculation Formula:

<b>Brightness</b>	<b>8 Bit</b>	<b>16 Bit</b>
$DMX\ value = \frac{Brightness\ value}{0.3922}$		$DMX\ value = \frac{Brightness\ value}{0.001526}$
<b>Brightness value = DMX value × 0.3922</b>		<b>Brightness value = DMX value × 0.001526</b>

<b>CCT</b>	<b>8 Bit</b>	<b>16 Bit</b>
$DMX\ value = \frac{CCT\ value - 1800}{32.1568}$		$DMX\ value = \frac{CCT\ value - 1800}{0.1251}$
<b>CCT value = DMX value × 32.1568 + 1800</b>		<b>CCT value = DMX value × 0.1251 + 1800</b>