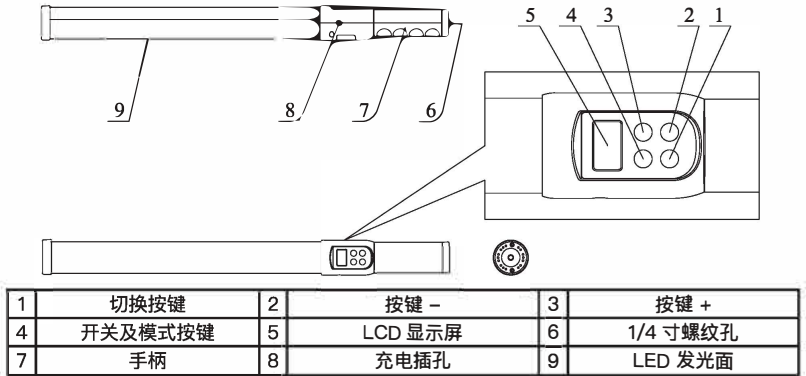


单页120*180MM

Mettl[®]
LS 系列全光谱 LED 摄影棒灯使用说明书

感谢选用美图 LS 系列全光谱（RGB）LED 摄影棒灯。
美图 LS 系列全光谱（RGB）LED 摄影棒灯具有光线柔和，光效高，寿命长，色彩还原好等优点。同时具有多种特效功能，并可通过手机 APP 进行控制。
本灯可广泛应用于数码摄影及电影电视拍摄，演播室拍摄等摄影摄像创作中。

一、 产品结构



二、 规格参数

型号	LS-400C			LS-800C		
光源	52*0.5W RGB LED 灯珠			96*0.5W RGB LED 灯珠		
	192*0.2W W/Y LED 灯珠			384*0.2W W/Y LED 灯珠		
最大功率	20W			36W		
色温	2800K-8000K					
照度 (Lux@1m)	580			900		
CRI				95%		
TLCI				95%		
彩色照度 (RGB Lux@1m)	R	G	B	R	G	B
	212	410	80	333	654	128
遥控距离	>10m					
支持模式	色温 / 彩色 / 滤镜 / 特效 / 设置					
主从模式	是					
手机 APP 控制	是					
内置锂电池	2600mAh/14.8V					
尺寸	50*582mm			50*982mm		
重量	600g			850g		

三、 使用方法

1. 开关机
长按开关及模式按键 (4) 约 2 秒，可点亮 LED 灯，再次长按约 2 秒可关机。短按开关及模式按键 (4) 可选择灯光模式。

2.1 色温模式（CCT）
短按开关及模式按键 (4)，至屏幕左上角进入“CCT”色温模式。
按动切换按键 (1) 可选择屏幕参数，按动按键 +(3) 和按键 -(2)，可调节相应色温或功率。

- ① 功率调节显示

② 色温显示

③ 菜单显示 – 色温模式

④ 组号显示

⑤ 灯号显示

⑥ 主从模式显示

⑦ 电池电量显示（可工作时间显示）

2.2 彩色模式（HSI）
短按开关及模式按键 (4)，至屏幕左上角进入“HSI”彩色模式。
按动切换按键 (2) 可选择屏幕参数，按动按键 +(3) 和按键 -(2)，可调节相应颜色、饱和度和功率。

2.3 滤镜模式（GEL）
短按开关及模式按键 (4)，至屏幕左上角进入“GEL”滤镜模式。
按动切换按键 (1) 可选择屏幕参数，按动按键 +(3) 和按键 -(2)，可选择所对应的滤镜模式和功率。

2.4 特效模式（EFX）
短按开关及模式按键 (4)，至屏幕左上角进入“EFX”特效模式。
按动按键 +(3) 和按键 -(2)，可选择所对应的特效模式，按动切换按键 (1)，可开始或停止特效模式。

2.5 设置模式（SET）
短按开关及模式按键 (4)，至屏幕左上角进入“SET”设置模式。
按动切换按键 (1)，可选择所对应的设置参数，按动按键 +(3) 和按键 -(2) 可选择相应设置。

- A) 组号：可设置各灯的组号。

B) 灯号：可设置各灯的灯号，此灯即可形成自己的编号。

C) 主从
主动模式（MASTER）：既可发射也可接收信号，实现同组灯光控制。当同组灯光中有参数调整时，可同步变更为相同参数。调节主灯时，同时发射信号，让其他同组灯光变更为与之参数相同。
从动模式（SLAVE）：只可接收信号，接受同组灯发射的信号，实现同步。当同组主动模式灯光中有参数调整时，可同步变更为相同参数。
主从模式关闭：此时灯光既不接收也不发射同组信号。

D) 语言：可选择屏幕所显示语言。

E) 恢复：可选择是否恢复出厂设置。

F) 版本：显示当前灯光的软件版本号。

下载手机软件“METTLE”，可在手机上实现灯光调控。

可在 AppStore 或 Google Play Store 以及热门应用商店，如腾讯应用宝，华为应用市场，小米应用市场等，搜索“METTLE”进行下载。也可通过扫描右侧二维码进行下载。



2.6 电量显示

LCD 显示屏中有电量显示⑦，显示在当前功率下，可持续工作剩余时间。如可持续工作期间过短时，应及时给灯充电；如继续使用，当电池电量耗尽时，本灯会自动熄灭。

2. 处置（寿命终止）

为了尽量减少对健康和环境的危害，并确保材料可以回收利用，本产品应在一个独立的收集设施中处理废弃的电气和电子设备。

四、 注意事项

1. 请勿将灯体覆盖，影响灯体散热。

2. 保持清洁，擦拭时请关闭电源。

3. 使用完毕后，请将本灯置于干燥的地方。

4. 不要将本产品放置于阳光直射或高温、潮湿、多尘处，切忌使本产品受雨淋或水溅。

5. 请勿将溶剂、汽油、油漆及杀虫剂等用于本产品。

6. 请勿将金属物件插入灯壳内。

7. 请勿试图自行修理本产品。如有故障，请关闭电源，并与经销商或本公司联系。

五、 装箱单

1. 灯体

2. 说明书 / 保修卡

3. 充电器

4. 收纳袋

故障现象	原因	处理方法
打开电源开关无反应	功率显示 0%	按动按键 +(6) 调节功率
	电池缺水	电池充电后使用
	电路板损坏	返厂维修
LCD 显示不全或背光灭	LCD 屏损坏	返厂维修

FCC 声明：
本设备符合 FCC 规则第 15 部分。操作时需满足以下两个条件：
(1) 本设备不得产生有害的干扰；
(2) 本设备必须接受任何接收到的干扰，包括可能导致不希望操作的干扰。
警告：未经合规方明确批准的更换或修改可能会使用户失去操作设备的权限。

注：该设备已经过测试，符合 B 类数字设备的限制，符合 FCC 规则第 15 部分。这些限制旨在提供合理的保护，防止有害干扰的住宅安装。本设备产生和使用无线电频率能量，如果不按照说明安装和使用，可能会对无线电通信造成有害的干扰。但是，不能保证在特定的安装中不会发生干扰。如果该设备确实对无线电或电视接收造成有害干扰，可以通过关闭或打开设备来确定，则鼓励用户尝试通过以下一种或多种措施来纠正干扰：重新定向或重新定位接收天线 / 增加设备和接收器之间的距离 / 将设备连接到不同于接收器所连接的电路上的插座 / 向经销商或有经验的无线电 / 电视技术人员咨询帮助。

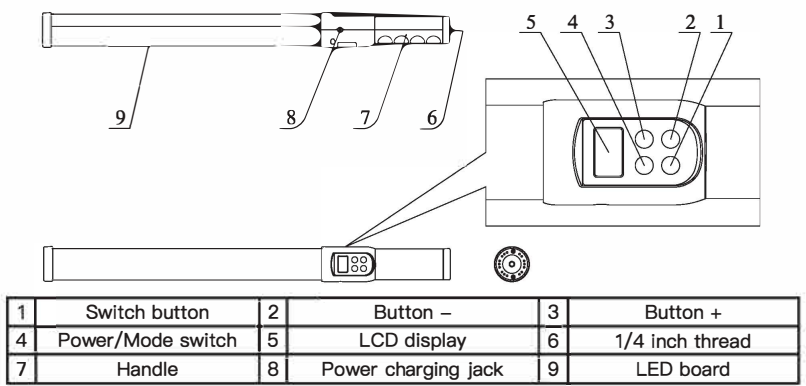
FCC 辐射暴露声明：
该设备已经过评估，以满足一般的射频暴露要求。该装置可在不受限制的便携式曝光条件下使用。

常州美图摄影器材有限公司
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网 址：Http://www.mettlec corp.cn 电子邮件：mail@mettlec corp.cn

Mettl[®]
LS Series RGB LED Light Stick Manual

Thanks for choosing Mettlet LS Series RGB LED light stick.
Mettlet LS Series RGB LED light stick has advantages of soften light, high luminous efficiency, long life, outstanding color rendition.
Meanwhile it has a variety of effects function, and can be controlled by mobile phone APP.

I Product Structure



II Product Specification

Model	LS-400C			LS-800C		
Light Source	52*0.5W RGB LED			96*0.5W RGB LED		
	192*0.2W W/Y LED			384*0.2W W/Y LED		
Max Output	20W			36W		
Color Temperature	2800K-8000K					
Lux@1m	580			900		
CRI	95%					
TLCI	95%					
RGB Lux@1m	R	G	B	R	G	B
	212	410	80	333	654	128
Remote Distance	>10m					
Mode Switch	CCT/ HSI / GEL / EFX / SET					
Master Slave Mode	Available					
Mobile APP Control	Available					
Power Supply	2600mAh/14.8V Battery built in					
Housing Size	50*582mm			50*982mm		
Weight	600g			850g		

III Method of Application

1. Operation
Long press the Power/Mode switch button (4) 2 seconds to turn on. Long press 2 seconds again to turn off. Short press Power/Mode switch (4) to choose light mode.

2.1 CCT mode
Short press Power/Mode switch (4), enter “CCT” mode on the upper left corner of the screen.

- Press Switch button (1) to select parameter on screen.

Press Button-(2) Button+(3) to adjust CCT or power.

① Power adjustment

② Color temperature adjustment

③ Mode –CCT mode

④ Group No.

⑤ Light No.

⑥ Master/Slave

⑦ Battery indicator(work time remaining)

2.2 HSI mode
Short press Power/Mode switch (4), enter “HSI” mode on the upper left corner of the screen.
Press Switch button (1) to select parameter on screen. Press Button-(2) Button+(3) to adjust Hue, Saturation and Intensity.

2.3 GEL Mode
Short press Power/Mode switch (4), enter “GEL” mode on the upper left corner of the screen.
Press Switch button (1) to select parameter on screen. Press Button-(2) Button+(3) to adjust the corresponding “GEL” mode and Intensity.

2.4 EFX mode
Short press Power/Mode switch(4), enter “EFX” mode on the upper left corner of the screen.
Press Button-(2) Button+(3) to adjust the corresponding “EFX” mode. Press Switch button (1) to turn on/off “EFX” mode.

2.5 SET mode
Short press Power/Mode switch(4), enter “SET” mode on the upper left corner of the screen.Press Switch button (1) to select corresponding “SET” parameter. Press Button-(2) Button+(3) to select corresponding “SET”.

- A) G # Mode:Set Group No of each light.

B) L # Mode:Set light No of each light.

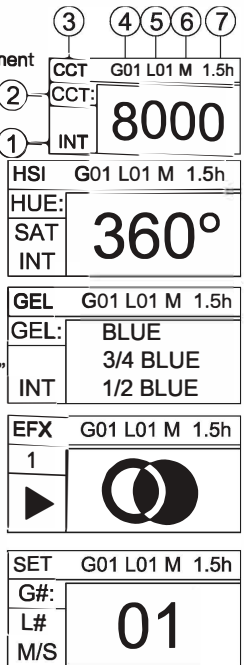
C) M/S Mode
MASTER: Transmitter and receiver to control same group lights. When adjust light parameter in one group, can synchronously change all lights to the same parameter in the group. When adjust main light and transmitter in the same time, other group lights synchronously change.
SLAVE: Only receiver to control same group lights. When adjust Master light parameter in one group, can synchronously change all lights to the same parameter in the group.
NONE: When there is NONE Mode on the LCD display, means turn off Master/Slave mode.

D) LAG:Select system language.

E) RFD:Select whether to restore factory settings.

F) VER:Display the current system version.

Download mobile phone software “METTLE” to control light.
You may simply search “METTLE” on AppStore or Google Play Store to download the APP. Or you may scan the QR code beside to download the APP.



2.6 Power indicator

The LCD display shows power indicator⑦. It shows the work time remaining under current power output. If remaining work time too short, please charge the light in time.

3. Disposal (end of life)

In order to minimize hazards to health and the environment and ensure that materials can be recycled, this product should be disposed of at a separate collection facility.

IV Attention

1. Do not cover light body in case effecting thermal dissipation.

2. Keep clean, turn off the light when cleaning.

3. After using, keep the light in a safe and dry place.

4. Do not keep the light in sunlight or in high temperature.

5. Do not use solvents, gasoline, paints and pesticides in the product.

6. Do not insert metal objects into lamp housing.

7. Do not attempt to repair the light. If there are some problems, turn off the light and contact your dealer or our company.

V Attention

1. Light body

2. Manual/Warranty

3. Charger

4. Carry Bag

Description	Cause	Trouble-shooting
No reaction after power on	Dimmer knob on 0%	Rotate dimmer knob clockwise
	Low battery	Charge the batteries before use
	Circuit board damaged	Return factory for repair
LCD error or backlight off	LCD display damage	Return factory for repair

FCC Statement:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation. Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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