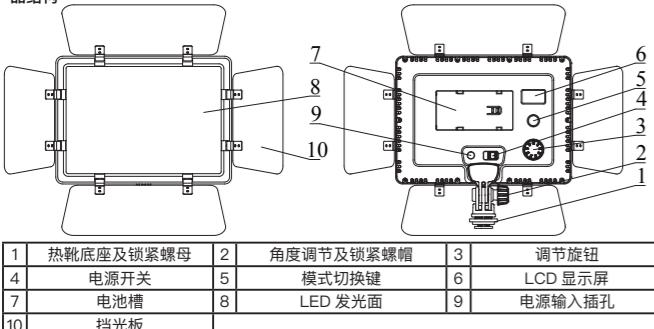


## SL-240C 全光谱 LED 摄影灯使用说明书

感谢选用美图 SL-240C 全光谱 (RGB) LED 摄影灯。  
美图 SL-240C 摄影灯具有光线柔和，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

光源	84 颗 RGB LED 灯珠	彩色照度 (Lux@1m)	R	G	B
	160 颗 W/Y LED 灯珠		248	419	92
最大功率	15W	遥控距离	>10m		
色温	2800-8000K	支持模式	色温	彩色	滤镜
照度 (Lux@1m)	467	主从模式	是		
显色性 CRI	95+	手机 APP 控制	是		
TLCI	97+	适配电池	索尼 NP-F 系列		
体积	175x173x33mm	重量	350 g		

## 三. 使用方法

## 1. 安装电池 (两种电源输入方式, 但不可同时使用)

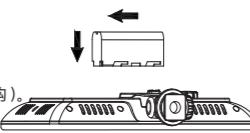
a. 电源输入: 适用电池: 索尼 NP-F 系列。

附: 安装锂电池时按箭头方向将电池装入卡槽。

拆卸锂电池时, 请按相反方向取出锂电池。

b. 适配器输入: 使用 9V/2.5A 的直流电源适配器 (选购)。

注意: 禁止同时使用电池和适配器直连输入!



## 2. 安装摄像灯

a. 固定在单反相机、摄像机热靴上使用: 将摄像灯推入相机或摄像机热靴座, 并且拧紧锁紧螺母 (1)。

b. 固定在灯架、三脚架上使用: 摄像灯热靴底座下方配有 1/4 英寸螺纹, 可直接旋紧在灯架或三脚架上。



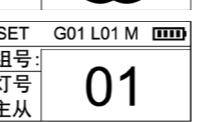
## 3.2 彩色模式 (HSI)

按动模式切换键 (5), 至屏幕左上角进入“HSI”彩色模式。  
按动调节旋钮 (3) 可选择屏幕参数, 旋转调节旋钮 (3), 可调节相应颜色、饱和度和功率。



## 3.4 特效模式 (EFX)

按动模式切换键 (5), 至屏幕左上角进入“EFX”特效模式。  
旋转调节旋钮 (3), 可选择所对应的特效模式, 按动调节旋钮 (3), 可开始或停止特效模式。



## 3.5 设置模式 (SET)

按动模式切换键 (5), 至屏幕左上角进入“SET”设置模式。  
旋转调节旋钮 (3), 可选择所对应的设置参数, 按动调节旋钮 (3) 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, 可同步变为相同参数。调节主灯时, 同时发射信号, 让其他同组灯光变为与之参数相同。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, 可同步变为相同参数。

主从模式关闭: 此时灯光既不接收也不发射信号。  
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。



## 3.6 电量显示

LCD 显示屏中有电量显示 (7), 当电池电压不足时, 电量显示将下降。如电量显示为一格时, 表明此时需要给电池充电; 如继续使用, 当电池电量耗尽时, 本灯会自动熄灭。

## 4. 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

## 六. 故障分析及排除

故障现象	原因	处理方法
打开电源开关无反应	功率显示 0%	顺时针旋转功率调节旋钮
	电源适配器不匹配	使用额定标配电源适配器
	电池缺电	电池充电后使用
	电路板损坏	返厂维修
开机时测试电量不准确, 调高亮度下能使用的时间长短。后电量又满了	电池电量测试所指示的, 是当当前亮度下能使用的时间长短。调高亮度后, 需要的电量更多, 所使用的时间变短, 故电量显示变少了	属于正常现象
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, 防止对住宅安装的干扰。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:

该设备符合 FCC 规定的无控制环境下的辐射暴露限值。安装和操作该设备时, 散热器与身体之间的距离至少为 20cm。

## 常州美图摄影器材有限公司

地 址: 江苏省常州市新北区新苑五路 90 号 213031

电 话: 0519-85087171 85087172 传 真: 0519-85017503

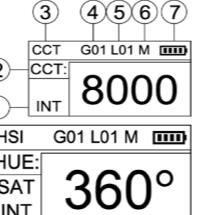
网 址: [Http://www.mettlecorp.cn](http://www.mettlecorp.cn) 电子邮箱: [mail@mettlecorp.cn](mailto:mail@mettlecorp.cn)

## 3. Operation

Turn on the Power switch (4) to lighten light. Press Mode switch (5) to choose light mode.

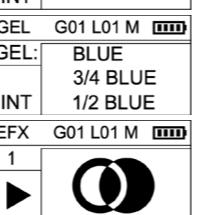
## 3.1 CCT mode

Press Mode switch (5), enter “CCT” mode on the upper left corner of the screen.  
Press Adjust button (3) to select parameter on screen. Rotate Adjust button (3) to adjust CCT or power.



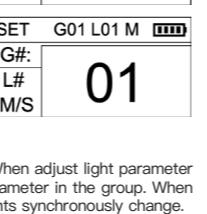
## 3.2 HSI mode

Press Mode switch (5), enter “HSI” mode on the upper left corner of the screen.  
Press Adjust button (3) to select parameter on screen. Rotate Adjust button (3) to adjust Hue, Saturation and Intensity.



## 3.3 GEL mode

Press Mode switch (5), enter “GEL” mode on the upper left corner of the screen.  
Press Adjust button (3) to select parameter on screen. Rotate Adjust button (3) to select the corresponding “GEL” mode and Intensity.



## 3.4 EFX mode

Press Mode switch (5), enter “EFX” mode on the upper left corner of the screen.  
Rotate Adjust button (3) to select corresponding “EFX” mode.  
Press Adjust button (3) to turn on or turn off “EFX” mode.

## 3.5 SET mode

Press Mode switch (5), enter “SET” mode on the upper left corner of the screen. Rotate Adjust button (3) to select corresponding “SET” parameter. Press Adjust 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.

## 3.6 Power indicator

The LCD display shows power indicator (7). If battery is low, the power indicator decrease. When there is only one grid on indicator, battery needs to be recharged.

## 4. 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

Description	Cause	Trouble-shooting
No reaction after power on	Dimmer knob on 0% Power adapter not match Low battery	Rotate dimmer knob clockwise Use standard adapter Charge the batteries before use
Battery power test inaccurate when power switch is on, Display low battery when you increase the brightness	Battery capacity shown indicated the length of time available for use in the current luminance	Normal
LCD error or backlight off	LCD display damage	Return factory for repair



## Mettle Photographic Equipment Corporation

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E-mail: [mail@mettlecorp.cn](mailto:mail@mettlecorp.cn)

LED video light Installation  
a.Fixed to SLR cameras/camcorders hot shoe: Insert the LED video light into the SLR cameras, camcorders hot shoe, tighten the locking nut (1).  
b.Fixed to Light Stand/Tripod: Screw the 1/4 inch thread which at the bottom of the LED video light hot shoe base to light stand/tripod directly.  
Attention: Do not use the battery and DC input at the same time!



LED video light Installation  
a.Fixed to SLR cameras/camcorders hot shoe: Insert the LED video light into the SLR cameras, camcorders hot shoe, tighten the locking nut (1).  
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Attention: Do not use the battery and DC input at the same time!

## **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.

## **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.