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专注影像器材研发与制造 23 年  
Specialized in R&D and manufacturing photo video equipment for 23 years

掌之宝  
PALM LED  
PL-100RGB

说明书  
User Manual

国家高新技术企业

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Made in China

6.2. 长按 (4/5) 键, 显示屏闪烁时, 可进行蓝牙重置。(详见蓝牙操作说明)

7. 增强模式

7.1. 开机后, 长按增强模式 (MAX), 亮度百分比闪烁, HSI模式下无效, 此时灯具增强模式开启, 此时灯具的100%亮度, 2700K-6500K范围内, 整机功率为790W (即总最大功率1000W); 再次短按增强模式, 灯具转为普通功率模式, 此时灯具的100%亮度, 2700K-6500K范围内, 功率为约60W。

五、产品参数

型号	PL-100RGB
整机功率	90W
带选配功率	100W
色温调节	2700K-6500K ±200K
CRI	≥95
色租	0-360°
调光范围	0%-100%
饱和度	0%-100%
光源	5色COB灯珠
特效	20
特效速度	1-9
APP控制	LinkLike (基于蓝牙)
蓝牙控制距离	≤60M
电池	14.8V ± 4500mAh 66.6Wh (相当于3.7V ± 18000mAh)
电池续航时间	普通模式: 约66分钟 / 增强模式: 约45分钟
Type C充电	支持PD3.0协议 9V/12V/15V/20V 充电功率30
过热保护	灯头温度达到90℃时, 将灯关闭输出, 显示代码E1
工作电压	DC19V
适配器 (选配)	DC19V ± 4.73A
尺寸	145*86*100mm

III. Parts Overview

01. Reflector Latch / Release 02. COB LED 03. Vents 04. LCD Screen  
05. Bluetooth Connection Reset 06. FX Mode 07. HSI Mode / CCT Mode  
08. Max Mode 09. Adjustment Knob (CCT/FX) 10. Dimmer 11. Power Switch  
12. Type C Charging Port 13. DC Power Socket 14. 1/4" 30 Threads

IV. Operating Instruction

1. Power On / Off  
Reminder: Before you start to use the light, please charge the battery.  
1.1. Power On - Hold the power button for 1 second till the display is turned on, and turn any of the knobs clockwise till it shown on display then the device is powered on.

1.2. Cooling Fan  
When the light is switched on, the cooling fan will be running for a little while and then stops to make sure the light is working quietly.  
Once the working temperature of ventilator reaches 120°F (50°C), the cooling fan will be activated on.

2. CCT Control  
2.1. Turn the Adjustment Knob (COLOR/FX) as shown by the arrow to change the color temperature from 2700K-6500K.  
2.2. Shortly press the Adjustment Knob (COLOR/FX) to quickly select the color temperature 2700K | 3200K | 4500K | 5000K | 5600K | 6500K.

一、前言

感谢您购买此产品  
PALM LED是一款性价比极高的常亮灯, 可自由切换多种模式, 适合于任何场景: 直播、野外露营、自拍、景物拍摄、化妆照明、视频拍摄、婚纱摄影、儿童拍摄及有高空补光、轻松补光等, 可APP控制调光, 操作简便, 轻巧便捷。

主要特点:

- 一灯多用, 随心切换双色温, 彩光模式和20种特效增强模式
- 自由调节色温、亮度
- 小巧显示屏, 精确显示参数
- 内置锂电池
- 操作简单, 适用范围广泛
- 迷你设计, 方便携带

二、保养及注意事项

1. 请保持干燥: 请勿用湿手接触产品, 亦不可以将产品浸入水中或暴露于雨中。  
2. 请勿私自拆卸产品, 如产品出现故障由本公司或授权的维修人员进行检查维修。  
3. 请勿让儿童接触本产品。  
4. 本产品不防水, 在雨天及潮湿环境下请注意防水。  
5. 请勿在化学品、可燃性气体或其他特殊物质附近使用摄影灯, 在这些场合下, 请注意相关警告标识。  
6. 请用于软布来清洁摄影灯, 您可以用布蘸附上一些中性的清洁剂来擦去较难去除的污渍, 然后轻轻布擦即可。  
7. 勿置锂电、禁止拆卸、撞击、挤压或投入火中, 若出现严重膨胀, 请勿继续使用, 请勿放置在超过40°C的高温环境中, 使用专用的充电器进行充电, 并且正确的按照操作说明, 在规定的电压、温度范围内使用。  
8. 摄影灯长时间不用时请切断电源。  
9. 长时间不用时, 请充满电存放, 每3个月充一次电, 长期亏电存放, 可能导致内部电池损坏。  
10. 请遵守此注意事项, 否则将可能导致危害。

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三、部件

01. 卡口解锁键 02. 灯珠 03. 散热孔 04. LCD屏  
05. 蓝牙重置/风扇 06. 特效 07. 彩光模式 08. 增强模式  
09. 色温/特效调节旋钮 10. 亮度旋钮 11. 电源按键  
12. Type C充电口 13. DC电源孔 14. 1/4-20螺孔

四、使用说明

1. 首次使用, 建议先充电  
1.1 开关: 电源按键(4)秒后, 显示屏点亮, 此时将旋钮任意旋转到开机。

1.2 静音风扇: 当灯具点亮后, 静音风扇会自动一小会然后停止工作以确保静音工作。一旦散热器工作温度达到120°F (50°C), 静音风扇开始工作。

2. 色温模式  
2.1. 在色温模式下, 旋转色温旋钮以调节 2700-6500K。  
2.2. 短按色温旋钮按键, 可快速切换, 2700K/3200K/4500K/5000K/5600K/6500K。

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- 04 -

3. 彩光模式  
3.1. 将 (HSI) 按键进入彩光模式。  
3.2. 旋转 (HMMER) 亮度旋钮, 可调整亮度0-100%, 短按可快速切换, 25%, 50%, 75%, 100%, 短按 (COLOR / FX) 按钮, 调整0-360, 再次短按 (COLOR / FX) 可调整饱和度0%-100%。

4. 亮度调节  
4.1. 在亮度模式下, 旋转亮度旋钮可以调节0-100%。  
4.2. 短按亮度旋钮按键, 可快速切换, 0%/25%/50%/75%/100%。

5. 特效模式  
5.1. 在色温/彩光模式控制状态下, 按 (FX) 键进入特效。  
5.2. 旋转 (COLOR/FX) 键可选择20种不同特效, 短按 (COLOR/FX) 可调整频率1-9, 旋转 (DIMMER) 调整亮度0-100%。

6. 蓝牙重置/静音模式  
6.1. 长按 (4/5) 键可关闭风扇, 再次短按可打开风扇。  
**温馨提示:**  
如果静音模式关闭, 亮度允许调节范围为0-15%。  
如果灯头温度达到50°C, 会自动启动静音模式。

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MAX模式灯珠照度

	1M	2M	3M
2700K	3300Lx	960Lx	485Lx
3200K	3520Lx	1020Lx	514Lx
5600K	4050Lx	1170Lx	585Lx
6500K	4130Lx	1210Lx	600Lx

MAX模式配0108鱼眼灯罩照度

	1M	2M	3M
2700K	13000Lx	3200Lx	1450Lx
3200K	12500Lx	3160Lx	1430Lx
5600K	10800Lx	2870Lx	1340Lx
6500K	10200Lx	2780Lx	1320Lx

六、电池充电

1. 电量显示  
1.1. 如果电量过低, 屏幕显示LO并自动关机。  
2. 为电池充电  
2.1. TYPE C充电电压5-20V, 最大充电功率30W, 大约需要充电3小时。  
2.2. 电池状态指示

3. TYPE C和适配器 (选配) 充电  
3.1. TYPE C供电: 支持PD3.0协议 9V/12V/15V/20V 充电功率30W。  
3.2. 适配器 (选配): 19V ± 4.73A 90W。  
**温馨提示:** 请在普通模式下为电池充电, 如果启用MAX增强模式, 请确保亮度小于60%, 若在增强模式下大于60%亮度, 电池将自动关闭充电。

\* 以上数据出自独立方实验室, 最终解释权归鼎立方公司所有, 设计和规格如有变更, 恕不另行通知。

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七、故障及解决方法

显示E1	过热保护, 检查风扇是否运转, 上下进风风口是否堵塞, 需保证进风风口散热通畅。
显示E2	温度传感器开路, 需返厂。
显示E3	DC输入电压过高, 请更换标准适配器, DC输入电压为DC19V ± 1V。 DC孔插入电源后, 只充电, 不能点灯; DC连接电压过高后, 只能充电, 更换标准适配器后将能正常工作。 100瓦充电插接口不能供电只能充电; 需要205A c11 PDC 5521 插线, 从灯到DC孔插入。

八、标配物品

1. 主机 \* 1 2. 灯罩 \* 1 3. 柔光帽 \* 1 4. 手柄 \* 1 5. Type C线 \* 1  
**选配配件另行购买**

6. 适配器 (选配) \* 1 7. 电源线 (选配) \* 1 8. PD诱骗线 (选配) \* 1  
9. 快充 (选配) \* 1 10. 布包 (选配) \* 1

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FCC声明  
FCC ID: 284FB-PL-100RGB  
Model: PL-100RGB  
该设备经过测试, 符合美国联邦通信委员会FCC规则第15部分, 数字设备, 这些限制旨在为无线电设备提供合理的保护, 防止有害干扰。该设备产生、使用并可以辐射射频能量, 如果未按说明安装和使用可能会造成有害于无线电通信。然而, 不能保证干扰不会发生在特定的安装中。如果该设备确定对以下设备造成有害于无线电通信或接收, 可以通过关闭设备或重新配置, 防止有害干扰。该设备符合以下指南:  
- 重新定向或重新定位接收天线。  
- 请设置和接收设备之间的间隔。  
- 将设备连接到与电源不同的电路上的连接接收器已连接。  
- 请咨询经销商或经验丰富的无线电/电路技术人员以获取帮助。  
为确保符合规定, 任何未声明的修改或更改均经过批准。  
负责方可能会使用户无法停止此操作设备。 (示例: 连接时仅使用屏幕接口电缆/计算机或外部设备)。  
该设备符合FCC规则第15部分, 操作取决于以下两个条件:  
(1) 该设备可能不会造成有害干扰, 以及;  
(2) 该设备必须接受到任何干扰, 包括可能导致不希望的操作。  
**FCC辐射暴露声明:**  
该设备符合FCC规定的辐射暴露限值  
不受控制的环境, 安装和操作此设备时, 散热器和身体之间的最小距离应为20cm。

II. Maintenance and Precautions

1. Please keep it dry. Do not touch the product with wet hands, and do not immerse it in water or expose it to rain.  
2. Do not disassemble the product yourself. If the product malfunctions, have it inspected and repaired by our company or authorized personnel.  
3. Keep this product out of the reach of children.  
4. This product is not waterproof. Please be cautious in rainy and humid environments.  
5. Do not use the photographic light near chemicals, flammable gases, or other special substances. Pay attention to relevant warning signs in such situations.  
6. Use a dry, soft cloth to clean the photographic light. You can slightly dampen the cloth with neutral cleaning agent to remove stubborn dirt, and then wipe it dry with a soft cloth.  
7. It contains a built-in lithium battery. Do not disassemble, impact, crush, or expose it to fire. If severe swelling occurs, do not continue to use it. Do not place it in a high-temperature environment exceeding 40°C. Use a dedicated charger for charging and follow the operating instructions within the specified voltage and temperature range.  
8. When the photographic light is not in use for an extended period, please disconnect the power.  
9. If the light device wont be used for long time, please make sure it is fully charged, otherwise to charge the light once every 3 months. There might be battery life reduction if the light is out of any power in storage.  
10. Please adhere to these precautions to avoid potential injuries.

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VII. Trouble Shooting

Display E1	Overheat protection. Please check whether the fan is running, whether the upper and lower air inlets and outlets are blocked, and ensure that the air inlets and outlets are unobstructed.
Display E2	The temperature sensor is open and needs to be repaired by professional staff.
Display E3	The DC socket input voltage is too high, please replace the standard adapter, the DC port input voltage is DC19V ± 1V.

**After the DC port is plugged into the power supply, it can only charge and cannot light up:**  
the DC socket input voltage is too low, it can only charge, and it will be able to start normally after replacing the standard power adapter.  
**If the lamp can not be powered via type C port from 100-watt charging stick or extra power bank, but can only be charged:**  
a 205A type C port to DC 5521 conversion cable is required to plug into DC port of the lamp.

VIII. What's Included

1. Lamp \* 1 2. Reflector \* 1 3. Silicon Diffuser \* 1 4. Handle Grip \* 1 5. Type C \* 1  
**Accessories Separated to Buy**

6. Power Adapter (Optional) \* 1 7. Power Cord (Optional) \* 1  
8. Type C to DC 5.5mm X 2.1mm Power Cord (Optional) \* 1  
9. Quick Charger (Optional) \* 1 10. Carry Bag (Optional) \* 1

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FCC Statement

FCC ID: 284FB-PL-100RGB  
Model: PL-100RGB  
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.  
To assure continued compliance, any changes or modifications not expressly approved by the party.  
Responsible for compliance could void the user's authority to operate the equipment. (Example: use only shielded interface cables when connecting to computer or peripheral devices).  
This equipment 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.  
**FCC Radiation Exposure Statement:**  
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

318. This device may not cause harmful interference, and  
(2) This device must accept any interference received, including interference that may cause undesired operation.

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