

# LED Flat Lamp Instruction Manual

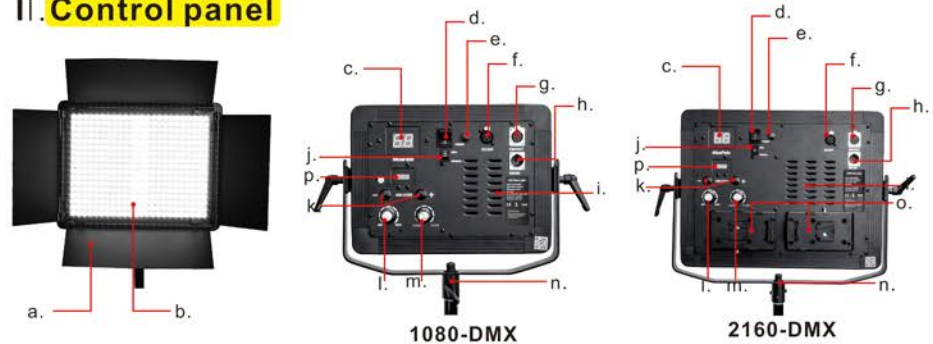
## DMX Series



### I. Specification

Model	LED-1080DMX	LED-2160DMX
Output power	100W	200W
LED bead qty	192pcs	384pcs
LM	10000LM	20000LM
Lumination angle	60°	
Power adjust	00~10	
Color temperature	3200K~6500K±200K	
CRI	≥93%	
Power adapter	Input : AC90~240V Output : DC24V	
Working voltage range	DC20V~31V	
Cooling way	aluminum with natural cooling	
DMX512 control	Support	
Fuse	5A	10A
Battery V mount	No	2 V mounts
Size/weight	34x30x8cm 2.6kg	43x39x8cm 3.9kg

### II. Control panel



- a. Barn door
- b. LED bead
- c. Digital display
- d. Power switch
- e. Fuse
- f. Input power socket
- g. DMXOUT
- h. DMXIN
- i. Cooling grid
- j. Manual/DMX ON/OFF
- k. Address code up/down
- l. Power adjustment
- m. Color temperature adjustment
- n. Stand holder
- o. Battery V mount
- p. Address code

### III. Package configuration

- 1. LED Flat lamp=1 pc
- 2. White diffuser=1 pc
- 3. Power adapter=1 pc  
1080DMX:PW-05(24V-6A)  
2160DMX:PW-06(24V-10A)
- 4. Power cable 5M=1 pc

### IV. How to use



1. Open the package, take out the light head and install it onto the light stand.



2. Adjust the barn door angle according to your need.



3. Mounted the white diffuser onto the LED light front according to your need.

Thank you very much for buying our products.

Our LED flat lamp is specially designed for video recording and professional photography. Its soft light and moderate brightness can be used in many video field. Its 60 degrees light angle can gather the light very well.

This LED flat lamp adopts the latest LED constant current drive technology, ensure the color temperature performance stable and the brightness decrease as zero. It adopts international DMX512 protocol(1990), excellent compatibility; RS485 differential easy to transmission has many advantages like high anti-interference, far transmission distance, connect etc. It comes with inner cooling fan which ensure fast radiating and long lifespan more than 100,000h. It is widely used for children photography, studio and wedding photography and commodity photography.

**Warn tips:** please read the instruction manual carefully, as the products will be updated continuously, there will be nuance between different batched, all in kind prevail.



LED-1080DMX, connect the power source, turn on the LED light to start working.



LED-2160DMX, there are 3 gears on the power switch. Turn to "-" gear to use power adapter; "=" to use battery and "o" to shut off.

4. Connect the power source, turn on the LED light to start working. Follow the following setting method to use it. Please cut off the power after using

### V. How to manual control the LED light on the DMX console

- ① Connect the LED light to the DMX console after setting the address code, turn on the DMX console power, the BLACKOUT key indicator will be flicking;
- ② Press the BLACKOUT key to turn off the indicator;
- ③ Press SCANNERS key to select the LED light (can select only one or several lights), the matching light will be power on;
- ④ Press PAFE SELECT ket to select page A or B, push the rod potentiometer to choose your required data (the data will be display on the console LCD).

Follow the above instructions then can manual control the LED light.

### VI. Warning

※ **Must cut off the power source firstly (pull the power cable out of the socket), then start to change the accessories or maintain the equipment.**

1. Please use good earth-connection power source, and cut off the power source when don't use.
2. Please use high quality and over-heating resistant accessories.
3. Please don't use it in a damp, frigid or high temperature environment.
4. As there is high voltage inside, non-professional person must not disassemble it.
5. The product should be overhauled by professional person before using when it is in trouble or get wet.

### VI. How to solve the common faults

Fault phenomenon	Fault reason	How to solve
Digital display and light is off with the AC power source connected and switch on.	Have not turned on the main power switch.	Turn on the main power switch.
	The fuse has burnt.	Change a new fuse.
	Power cable is damaged.	Change a new power cable.
	Power adapter is damaged.	Change a new power adapter.
Digital display is on but rotate the dimmer the LED light is still off with the AC power source connected and switch on.	Battery power is too low.	Change a new battery or finish fully charged.
	LED beads are damaged.	Ask for help from professional person to test and solve.
The LED light is shut off automatically and can not be turned on.	The inner over-heating protection is on, power source is cut off automatically.	Power off and let the light body cool down, then restart it.

### Optical accessories



Note: the technical parameters in the instruction manual refer to the calculation data tested under a specific working environment and the normal temperature (23°C). The company reserves the interpretation right of the instruction manual and the right of improving the products described in the instruction manual without the prior notice. The document has been carefully checked for accuracy. The company isn't liable to any consequences due to the differences caused by printing or translation. The products' photos in the document maybe a little different from the appearance of actual products and thus the actual products shall prevail.



# LED平板摄像灯说明书

## DMX系列



LED平板摄像灯，专为视频录制和专业摄影，适用于多种拍摄领域。

60°照射角度的设计，具有很好的聚光效果，有效的把光聚集在一起，以产生最大光效。避免了光散、亮度不够等缺点。

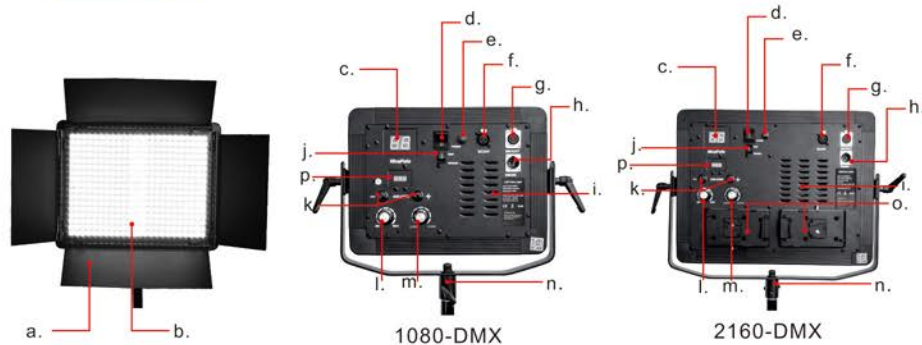
本摄像灯采用最新的LED恒流驱动技术，确保了LED色温准确、亮度衰减为零。并设计有DMX线控功能，大大拓展了聚光灯的使用范围。采用国际标准DMX512协议（1990），兼容性强；RS485差分传输，具有高抗干扰、传输距离远、接线方便等特点。具有散热快、寿命长、显色指数高、亮度高、寿命长等特点。特制的功率数码显示使您更直观更方便的根据需求调节光亮度。本产品用范围广，适用于儿童摄影、影楼婚纱摄影、商业产品拍摄等。

温馨提示：使用前请仔细阅读此说明书。因产品不断升级，不同批次产品可能有细微变化，请以最新实物为准，敬请谅解。

### 一、基本参数

型号	LED-1080DMX	LED-2160DMX
输出功率	100W	200W
灯珠数量	192颗	384颗
光通量(LM)	10000LM	20000LM
照射角度	60°	
功率调节显示	00~10	
色温	3200K~6500K±200K	
显色指数	≥93%	
电源转换器	输入：AC90~240V 输出：DC24V	
工作电压	DC20V~31V	
散热	铝材自然散热	
DMX 512控制	支持	
保险管	5A	10A
V型电池扣板	无	有2个电池扣板
灯头体积/重量	34x30x8cm 2.6kg/台	43x39x8cm 3.9kg/台

### 二、控制面板



- a. 挡板
- b. LED灯珠
- c. 数码显示管
- d. 电源开关
- e. 保险管
- f. 电源输入插口
- g. DMX输出插口
- h. DMX输入插口
- i. 散热孔
- j. 手动/DMX开关
- k. 调节地址码“+，-”档
- l. 功率调节旋钮
- m. 色温调节旋钮
- n. 灯架座
- o. V型电池扣板
- p. 地址码显示

### 三、包装配置

- 1. LED 摄像灯=1台
- 2. 白色柔光片=1块
- 3. 电源转换器=1个  
1080配PW-05(24V-6A)  
2160配PW--06(24V-6A)
- 4. 电源线5M=1条

## 四、使用方法



1. 安装-打开包装, 将灯安装在灯架上。



2. 根据需要调节挡光板角度。



3. 可根据需要安装柔光片。



LED-1080DMX, 接通电源打开开关即可正常工作



LED-2160DMX电源开关为三档船型开关, 不同的供电方式选择不同的开关档位。使用电源适配器供电时打在“-”档; 用电池供电时打在“=”档; 关机打在“0”档。

4. 开机-接通电源, 打开电源开关, 您的摄像灯便开始工作, 按照设置方法使用, 使用完毕后, 请关闭电源开关并拔掉插头。

## 五、DMX控制台手动控灯操作方法

- ① 设置好地址码并连接到DMX控制台, 打开DMX控制台电源, BLACKOUT键的指示灯闪动;
  - ② 按BLACKOUT键, 指示灯灭;
  - ③ 按SCANNERS键选择灯具(可以选择一个或多个), 与之对应的LED电影灯被点亮;
  - ④ 按PAGE SELECT键选择A页或B页, 推动推杆电位器, 选择所需的数据(这个数据会在控制台LCD上显示出来);
- 这样操作DMX控制台就可以手动控制平板摄像灯光效果。

## 六、注意事项

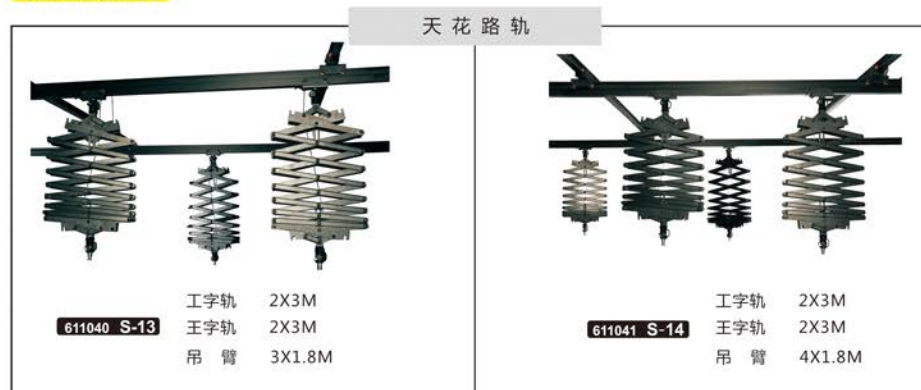
※在更换附件和保养本机时, 务必要先断开电源(电源线拔离插座/卸下电池)。

1. 请使用良好接地的电源, 不使用时应断开电源。
2. 请使用优质耐高温的附件(如柔光片)。
3. 请勿在潮湿环境下使用。
4. 本产品内有高压电, 非专业人员禁止拆卸。
5. 产品发生故障或受潮后, 经由专业人员检修后, 方可继续使用。

## 七、常见故障、原因及处理方法

故障	原因	处理方法
连接好电源后开启电源开关, 数码显示管不亮, 灯不亮	未闭合电源总开关	闭合电源总开关
	保险管已烧坏	更换新的保险管
	电源线损坏	更换电源线
	电源转换器损坏	更换电源转换器
	电池没电了	给电池充电或更换新电池
连接好AC电源后, 开启电源开关数码显示管亮, 但灯不亮	LED灯珠损坏	请专业人士检修
正常开启工作一段时间后自动关机	温度过高, 已自启过热保护装置	关闭电源开关, 自然冷却后, 可继续使用

## 可搭配附件



注: 本说明书的技术参数规格是指在特定的工作环境和常温(23℃)下, 所测出计算数据。本说明书的解释权归本公司所有, 本公司保留对使用说明书所描述的产品进行改进而不预先通知的权利; 本资料经过认真核对, 以求准确, 如有任何印刷翻译中可产生之误差, 本公司不承担因此产生之后果, 本资料的产品图片可能与实物的外观有细微差别, 以产品实物为准。