Godox

RGB 条灯
RGB Tube Light

TL60

说 明 手 册
Instruction Manual

前言

感谢您购买神牛产品！

RGB条灯TL60是一款双色温，高亮度，无线调控的RGB常亮灯，适用于任何场景：直播、野外露营、自拍、静物拍摄、化妆照明、视频录播、婚纱摄影、儿童拍摄及有限空间内补光、轻松动感补光等。多种遥控方式，操作便捷。

**产品有以下亮点：**

• 一灯多用，随心切换LED双色温模式、彩光模式和39种情景特效模式
• 自由调节色温、亮度、色相和色彩饱和度
• 跟随音乐跳动并变换颜色，营造多彩氛围
• 多灯联控，手机APP/2.4G无线/DMX控制台智能遥控
• 随心组合，打造各类创意灯光造型组

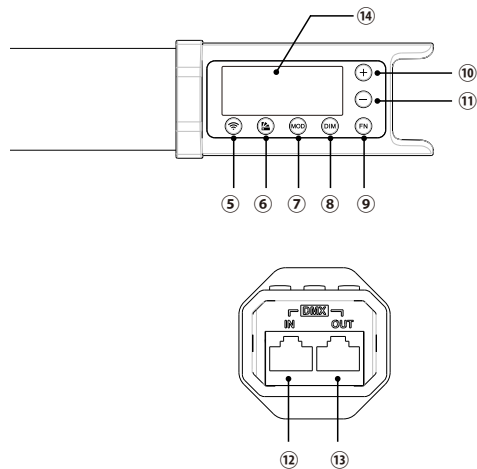# ⚠ 警告

⚠ 请保持干燥：请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中。
⚠ 请勿私自拆卸产品，如产品出现故障须由本公司或授权的维修人员进行检查维修。
⚠ 请勿让儿童接触本产品。
⚠ 本产品不能防水，在雨天及潮湿环境下请注意防水。
⚠ 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。
⚠ 内置锂电池，禁止拆卸、撞击、挤压或投入火中，若出现严重鼓胀，请勿继续使用。请勿放置在超过40℃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。

部件名称
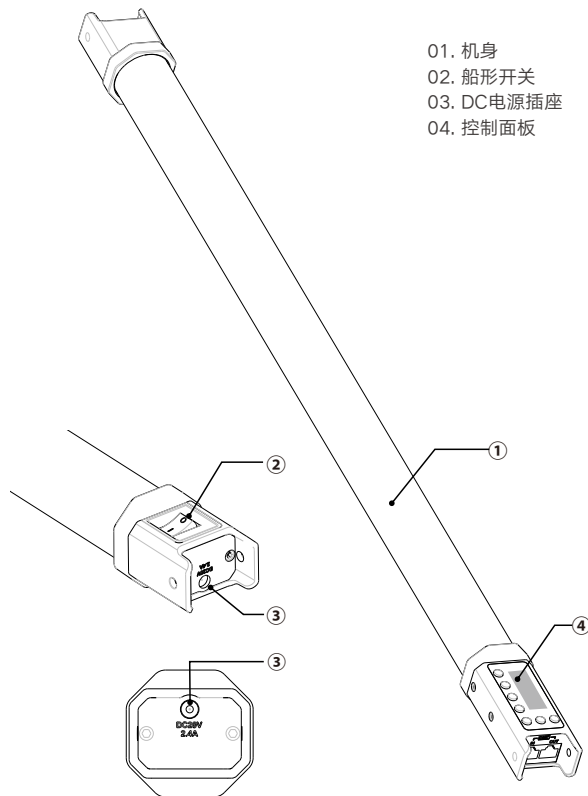
01. 机身
02. 船形开关
03. DC电源插座
04. 控制面板

05. 无线按键　　　　10. +按键
06. 色纸按键　　　　11. − 按键
07. MOD按键　　　　12. DMX输入口
08. DIM按键　　　　13. DMX输出口
09. FN按键　　　　　14. 显示屏
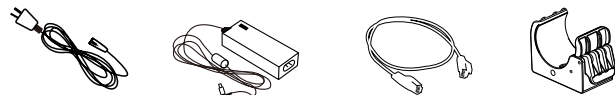
标配物品

单灯套装标配物品：

灯体 x1
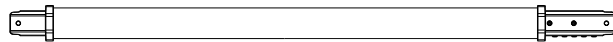
5米电源线 x1　　　适配器 x1　　　RJ45接口主从线 x1　　固定夹 x1

钢丝绳 x2　　　　　便携包 x1　　　说明书 x1

电源管理

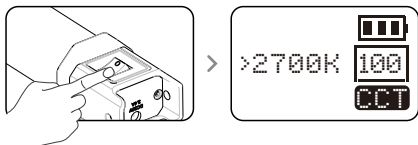## 1. 供电

内置锂聚电池，充满一次电100%亮度持续常亮约2H。 也能直接用适配器连接电源使用。

2. 充电

充电时间约2.5H。充电时显示屏电池符号格数跳动，充满电电池显示满格。
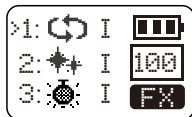
功能使用操作说明

1. 开关机

使用船形开关控制机子的打开和关闭，LCD显示主机当前信息。

 > `>2700K 100 CCT`

2. 模式选择：双色温模式/彩光模式/情景模式

按MOD按钮切换模式：

`>2700K 100 CCT`　`>H:354 100 S:99 HSI`　`>1: ↻ I / 2: ✳ I 100 / 3: ☀ I FX`

显示屏上显示为CCT
即为双色温模式。　显示HSI即为彩光模式。　显示FX即为情景特效
模式。

2.1双色温模式：

2.1.1 色温调节：直接按**"＋"**或**"－"**调节色温，调节范围2700K～6500K。

 > `>2700K 100 CCT`
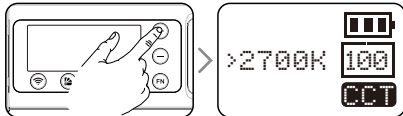
2.1.2 亮度调节：按DIM后按"＋"或"－"调节亮度，调节范围0～100。

 > > `2700K 20 CCT`
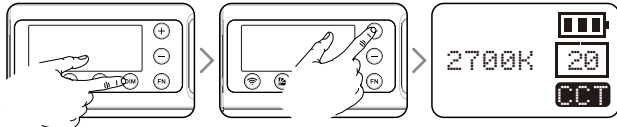
2.2 彩光模式：

2.2.1调节色相H：按多功能按键FN选中H, 再按"＋"或"－"调节色相，色
相调节范围0～360°。

 > > `>H:354 100 S:99 HSI`
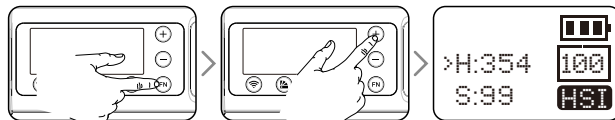
2.2.2调节饱和度S：按多功能按键FN选中S, 再按"＋"或"－"调节饱和度，
饱和度调节范围0-100。

 > > `H:354 100 >S:99 HSI`
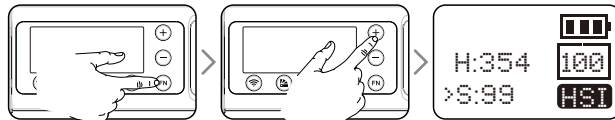
3. 情景特效模式(39种)：

3.1 按"＋"或"－"选择特效模式类别，1～14类可选，拨动拨轮循环出现。

 > `>1: ↻ I / 2: ✳ I 100 / 3: ☀ I FX`
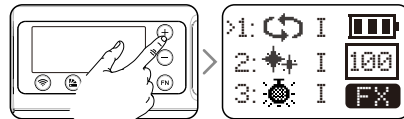
3.2 选中后按多功能按键FN可选择当前类别中的模式：Ⅰ、Ⅱ、Ⅲ 3种模式，
按多功能按键FN循环出现。

 > `>1: ↻ III / 2: ✳ I 100 / 3: ☀ I FX`
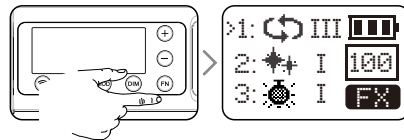
3.3 情景特效模式有14类共39种：可根据需求选择

序号	显示	场景	显示Ⅰ	显示Ⅱ	显示Ⅲ
1	↺	彩光循环	慢速	中速	快速
2	☀	闪光灯	闪光	发布会	狗仔队
3	☀	激光彩灯	生日会	KTV	迪斯科
4	⚡	雷闪电	间歇	频繁	持续
5	⑨	坏灯泡	间歇	频繁	持续
6	TV	电视机	慢速	中速	快速
7	⑨	蜡烛	间歇	频繁	持续
8	✹	火	柴火	篝火	火灾
9	✷	烟花	短暂	连续	演出
10	🚓	警车	暴闪	频闪	快闪
11	🚒	消防车	暴闪	频闪	快闪
12	🚑	救护车	暴闪	频闪	快闪
13	♬	音乐	音乐Ⅰ	音乐Ⅱ	
14	SOS	SOS			

4. 控制模式选择：

蓝牙控制/2.4G无线遥控/DMX控制

按无线按钮，再按"＋"或"－"按键选择控制模式，选好模式后按FN或无线按钮进入对应的设置界面，按无线按钮或其他按钮退出设置界面。

4.1 蓝牙设置：

4.1.1开关蓝牙：按FN选中蓝牙，按"＋"或"－"按键开关蓝牙，显示ON为开，显示OFF为关。

4.1.2蓝牙密码初始化：按FN选中RESET，按"＋"或"－"按键蓝牙密码初始化，初始化密码为000000。

4.1.3蓝牙号：MAC：XXXX，为本机蓝牙号。

4.2 2.4G无线设置：

4.2.1 开关2.4G无线：按FN选中无线图标，按"＋"或"－"按键开关2.4G无线，ON为打开(无线指示灯亮)，OFF为关闭(无线指示灯灭)。

4.2.2 频道设置：按FN选中CH，按"＋"或"－"按键设置频道，可选频道32个(1～32)。

4.2.3 组别设置：按FN选中GR，按"＋"或"－"按键设置的组别，可选组别6组(A～F)。

4.2.4 ID设置：按FN选中ID，按"＋"或"－"按键设置的ID，可选ID有99个(OFF,1～99)。
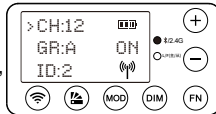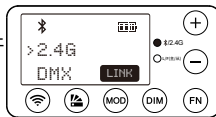
4.3 DMX控制设置：

4.3.1按"＋"或"－"按键选择丛属模式"FOLLOW"，按FN选择ADD，再按"＋"或"－"按键设置ADD,可选ADD有512个(001～512)，此时主从灯指示灯显示为蓝色,在从属模式下可以接收DMX或主灯发送的的信息。

4.3.2按"＋"或"－"按键选择主灯模式"LEAD"，此时主从灯指示灯显示为绿色,在主灯模式下，主灯可以代替控制台控制从灯。
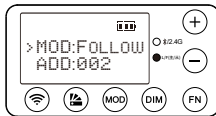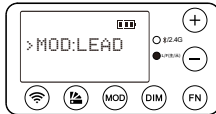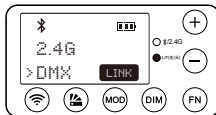
5.色纸设置：

按色纸(色)按钮进入色纸设置界面，按"＋"或"－"按键选择ROSCO色纸组或LEE色纸组，再按(FN)进入色纸组里面选相应的色纸，ROSCO和LEE色纸组里面分别有20种色纸可选，总共40种。
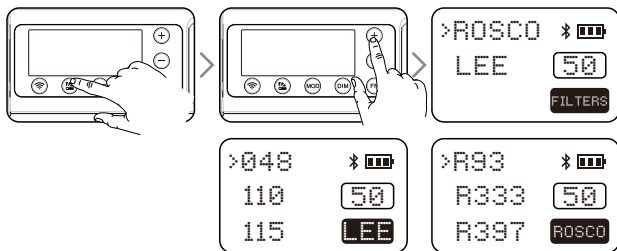
6. 连接手机APP

1. TI60的灯体上有二维码的图片，直接 扫二维码即可下载"GodoxLight"手机APP。

2. 将TL60蓝牙设置为ON 。

3. 打开APP：点击 ，进入场景创建页面。

   点击＋号创建新的场景， 点击当前场景，可以重命名场景或删除场景。

   点击"Demo studio"，可以进入设置界面进行其他参数设置。
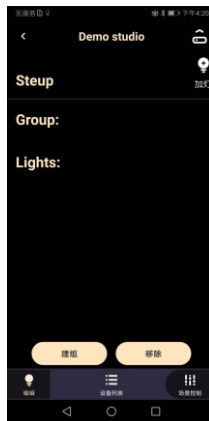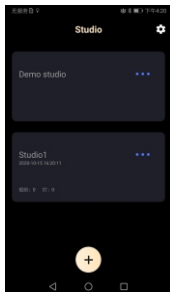
双击场景进入控制主页面。
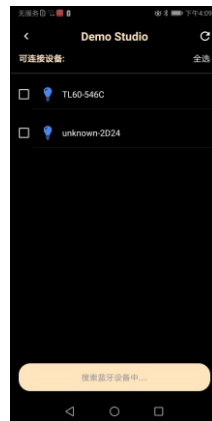
点编辑加灯，查看对应的蓝牙号打勾后，确定开始组网，组网完成退回主页面可以使用。

备注：手机APP操作，请打开APP的"帮助"，里面有详细操作教程。

7. 连接DMX控制台

将灯设置为丛属模式FOLLOW,用DMX连接线一端连接控台DMX输出口，一端连接灯DMX输入口。

8. DMX接口

将DMX连接线一端连接一灯的输出口，一端连接另一灯的输入口。

备注：DMX接口使用主从灯控制时，从灯的数量不能超过十盏灯。

产品参数

型号	TL60
内置锂电池供电	14.4V/2600mAh锂电池
适配器	输出20V 2.4A
功率	最大18W
频道	32个
组别	6组（A B C D E F）
色温范围	2700K～6500K
调光范围	0%~100%
RGB色域	0～360°
100%光照度 (LUX) (≈)	1500
CRI (≈)	96
TLCI (≈)	98
持续使用时间 (2700K或6500K 100%亮度) ≈	120分钟
工作环境温度	-10~40度
产品尺寸	Φ48*750MM
重量	0.73Kg

* 设计和规格如有变更，恕不另行通知。

维护保养

· 为了防止灰尘的堆积影响到产品的性能，请定时用干净的湿布轻轻擦拭产品外部。

· 1年保修，消耗品电池，充电器，充电器电源线等配件不在此保修范围内。

· 对于不规范操作引起的机器故障不在保修范围内。

· 所有维修概由本厂指定可供原厂配件之维修部负责。

· 经发现，擅自检修本品，将取消一年保修期，维修需要收取相关费用。

· 如果本品出现故障或者被水淋湿，在专业人员维修后方可继续使用。

· 如有技术更改，恕不另行通知。

Foreword

Thank you for purchasing this Godox Product!
This RGB Tube Light TL60 is a RGB continuous light with dual color temperature, high light brightness and wireless adjustment. Suitable for almost all shooting occasions e.g. live, camping, make up, portrait shooting, make up, video, wedding, children photography, etc. It's portable and easy to be operated.

Features:
● Freely switch LED CCT mode, RGB mode and 39 special effects modes
● Easy to adjust color temperature, light brightness, hue and color saturation
● Blink and change colors with the rhythm of music
● Remote control by smartphone APP/2.4G wireless/DMX
● Use in combination to make more creative light groups

⚠ Warning

⚠ Always keep this product dry. Do not use in rain or in damp conditions.
⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
⚠ Keep out of reach of children.
⚠ As this product do not have waterproof function, please take measures of waterproof in rainy or damp environment.
⚠ Do not use the flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstance, these materials may be sensitive to the strong light emitting from this flash unit and fire or electromagnetic interference may result.
⚠ As this product has built-in lithium battery, do not disassemble, impact, squeeze or put it into fire. If serious bulge occurs, please do not use. Do not use or store the product if the ambient temperature reads over 40°C. Please charge the product with specialized charger and correctly operate it within the defined voltage and working temperate according to the instruction manual.

Names of Parts

01. Body
02. Power Switch
03. DC Power Jack
04. Control Panel
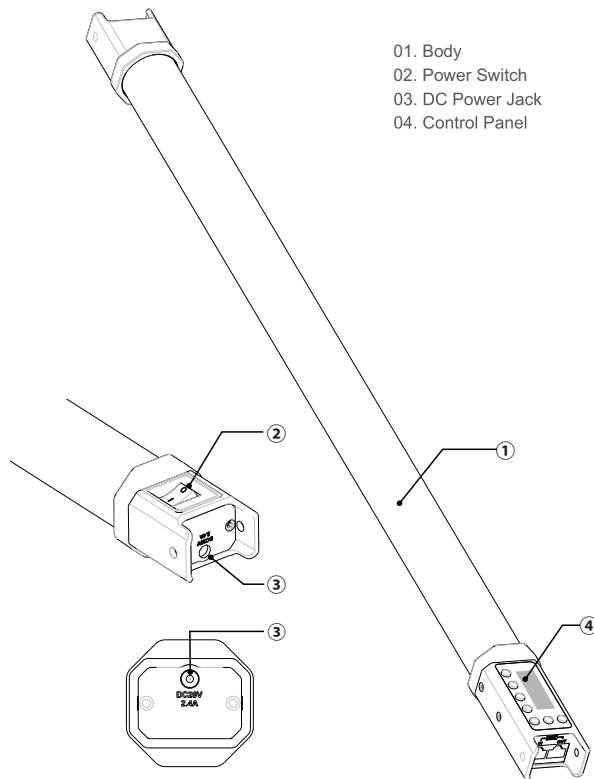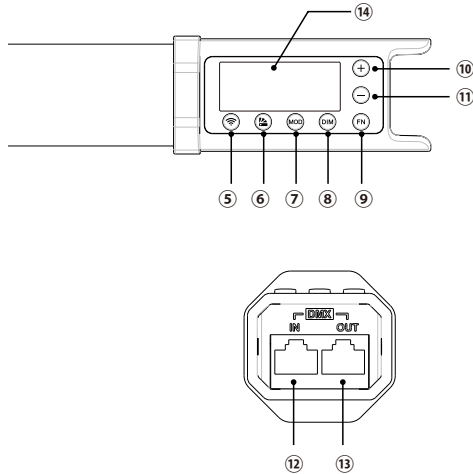
05. Wireless Button
06. Colored Paper Button
07. MOD Button
08. DIM Button
09. FN Button

10. + Button
11. – Button
12. DMX Input Port
13. DMX Output Port
14. Display

What's in the Box

Body *1
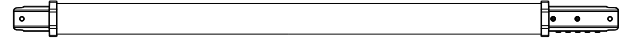
5m Power Cord *1   Adapter *1   RJ45 Cable *1   Clip *1

Steel Cable *2   Portable Bag *1   Instruction Manual *1

Battery Management

1. Power Supply

With built-in Li-polymer battery which can offer about 2 hours'lighting in 100% brightness once got fully charged.
The light can also put into usage by connecting the adapter to power source.

2. Charge

The whole charging takes about 2.5 hours. The charge grids indicator will be blinking in charging while displaying full grids once got fully charged.

Operation

1. Power Switch

Use the power switch to control the on or off of the RGB tube light. Then, the current information will be displayed on the LCD panel.

>2500K 100
CCT

2. Mode Selection: CCT Mode/RGB Mode/
Special Effects Mode

Press MOD button to switch different modes:

>2700K 100
CCT

CCT displayed on the screen means CCT mode

>H:354 100
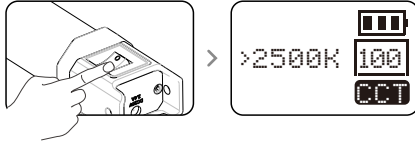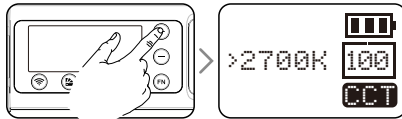S:99 HSI

HSI displayed on the screen means RGB mode
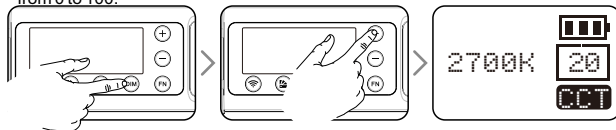
>1: I
2: I 100
3: I FX

FX means special effects mode

2.1 Bicolor Mode

2.1.1 Color temperature adjustment: press the "+"or"-"button to adjust the color temperature from 2700K to 6500K.

>2700K 100
CCT

2.1.2 Press the DIM button, then, press the "+" or "-" button to adjust the brightness from 0 to 100.

2700K 20
CCT

2.2 Colorful Mode

2.2.1 Adjust hue H: press the FN multifunction select dial and H is selected. Then, press the "+"or "-"button to adjust the hue from 0 to 360°.

>H:354 100
S:99 HSI
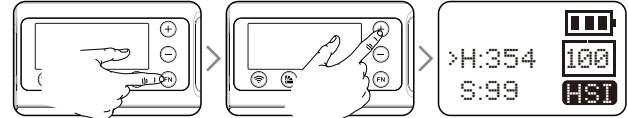
2.2.2 Adjust saturation S: press the FN multifunction select dial and S is selected. Then, press the "+"or "-"button to adjust the saturation from 0 to 100.

H:354 100
>S:99 HSI
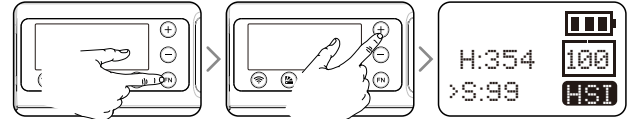
3. Special Effects Modes (39)

3.1 Press the "+" or "-"button to choose different special effects categories from 1 to 14. And the modes will display circularly by turning the select dial.

>1: I
2: I 100
3: I FX
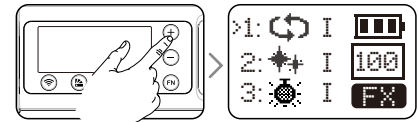
3.2 After choosing the current mode, press down the FN multifunctional select dial from I, II and III. And the modes will display circularly when keeping pressing the FN multifunctional select dial.

>1: III
2: I 100
3: I FX
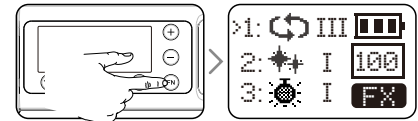
3.3 There're 39 kinds of situational special effects mode which are divided into 14 categories for your choice.

No.	Display	Situation	Display I	Display II	Display III
1		RGB cycle	Slow speed	Medium speed	Quick speed
2		Flash	Flash	Press conference	Paparazzi
3		Laser	Birthday party	KTV	Disco
4		Lightning	Discontinuous	Frequent	Sustainable
5		Broken bulb	Discontinuous	Frequent	Sustainable
6	TV	TV	Slow speed	Medium speed	Quick speed
7		Candle	Discontinuous	Frequent	Sustainable
8		Fire	Firewood	Campfire	Fire hazard
9		Firework	Brief	Continuous	Show
10		Police car	Strong flash	Frequent flash	Quick flash
11		Fire truck	Strong flash	Frequent flash	Quick flash
12		Ambulance	Strong flash	Frequent flash	Quick flash
13		Music	Music I	Music II	
14	SOS	SOS			

4. Control Modes Selection: Bluetooth/2.4G Wireless Remote Control/DMX Control

Press the wireless button firstly, then, press the "+"or "-"button to choose the control mode. After choosing the mode, press the FN or wireless button to enter the relevant setting interface. Press the wireless button or other button to exit the setting interface.

4.1 Bluetooth Setting

4.1.1 Bluetooth switch: press the FN button to select the Bluetooth. Then, press the "+"or "-"button to switch on or off. If"ON"is displayed, the Bluetooth is on and "OFF" means off.

4.1.2 Initialize the Bluetooth password: press the FN button to select RESET. Then, press the "+"or "-"button to initialize the Bluetooth password. The initial password is 000000.

4.1.3 Bluetooth Number: MAC: xxxx is the Bluetooth number of this light.

4.2 2.4G Wireless Setting

4.2.1 2.4G Wireless switch: press the FN button to select the wireless icon. Then, press the "+"or "-"button to switch on or off 2.4G wireless. "ON"means 2.4G wireless is turned on(wireless indicator is lightened), "OFF" means turned off(wireless indicator is put off).

4.2.2 Chanel setting: press the FN button to select CH. Then, press the "+"or "-" button to select 32 channels from 1 to 32.

4.2.3 Group setting: press the FN button to select GR. Then, press the "+"or "-" button to select 6 groups from A to F.

4.2.4 ID setting: press the FN button to select ID. Then, press the "+"or "-"button to select 99 IDs from 1 to 99.
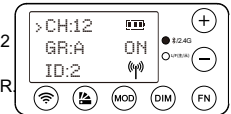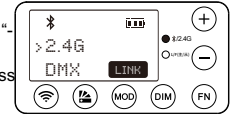
4.3 DMX Control Setting:

4.3.1 Press the "+"or "-" button to choose the receiver mode "FOLLOW". Then, press the FN button to choose ADD. Press the"+"or "-" button to set 512 ADD from 001 to 512. Now the transmitter and receiver indicator will displayed blue and begin to receive the information sent by DMX or transmitter light.

4.3.2 Press the "+"or "-" button to select the transmitter light mode "LEAD". Now the transmitter and receiver indicator will displayed green and the transmitter light can replace the DMX and control the receiver light.
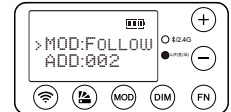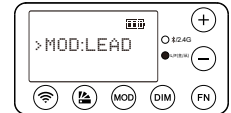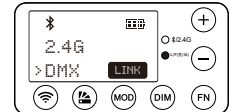
5. Colored Paper Setting

Press the colored paper button to enter the interface. Then, press the "+"or "-" button to choose ROSCO or LEE colored paper group. Then, press the FN to enter the colored paper group to select the corresponding colored paper. There are both 20 colored papers in ROSCO and LEE groups for your choice, 40 kinds in total.
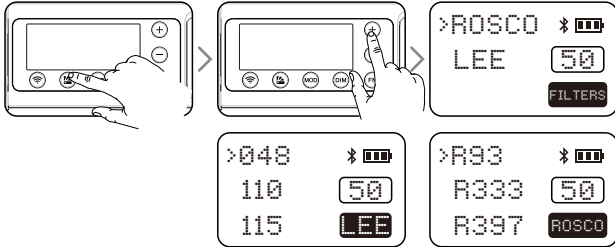
6. Connect with Smartphone APP

1. As there is a QR code on the light body of TL60, please scan the QR code directly to download the "GodoxLight" smartphone APP.
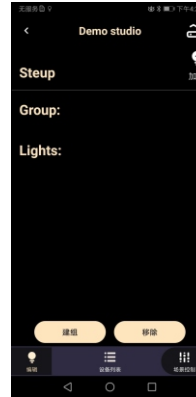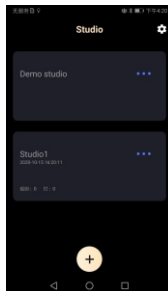

2. Set the Bluetooth of TL60 to ON.

3. Open up the APP:

click to enter the situation creating interface .

Then, click + sign to create new situations. Click the current situation to rename ore delete the situation.

Click "Demo studio" to enter the setting interface and set other parameters.

Double click the situation to enter the main control interface.
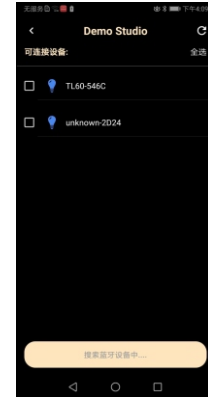
Click "add light" and check the corresponding Bluetooth ID. The light network will begin after confirmation. Back to the main interface and put them into usage after networking finished.

Note: For more smartphone APP operations, please open the "help"in APP to gain detailed guidance.

7. Connect DMX Control Console

Set the light to receive mode FOLLOW. Then, insert one end of the DMX cable into the DMX output port of the console and the other end into the light's DMX input port.

8. DMX Port

Connect one end of the DMX connect cable with one light's output port, and the other end with the other light's input port.

Note: When using transmitter and receiver light controls through DMX port, the quantity of receiver lights cannot be over 10.

Technical Data

LED Light	TL60
Built-in Lithium Battery	14.4V/2600mAh lithium battery
Adapter	Output 20V 2.4A
Power	Max. 18W
Channel	32
Group	6(A B C D E F)
Color Temperature Range	2700K~6500K
Light Brightness Range	0%~100%
RGB Color Gamut	0 ~ 360°
100% Light Brightness (LUX) (≈)	1500
CRI (≈)	96
TLCI (≈)	98
Duration(continuous output in 100% full power in 2700K or 6500K)	Approx. 120 minutes
Operation Temperature	-10~40 °C
Dimension	φ48*750MM
Net Weight	0.73Kg

* Product design and specifications are subject to change without notice.

Maintenance

This product, except consumables e.g. charger and charger cable, is supported with a one-year warranty.
Avoid sudden impacts and the product should be dedusted regularly.
Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories.
Unauthorized service will void the warranty.
If the product had failures or was wetted, do not use it until it is repaired by professionals.
Changes made to the specifications or designs may not be reflected in this manual.

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.

Any 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.

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