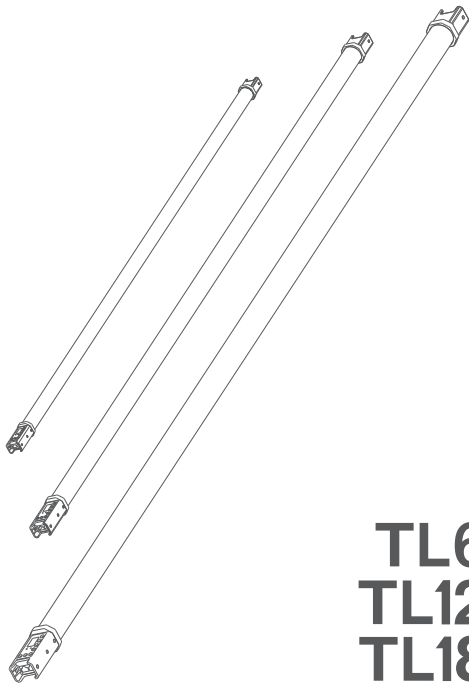


Godox



TL60 TL120 TL180

RGB 条灯

RGB Tube Light

使用手册

Instruction Manual

重要的安全说明及注意事项

首先作为最基本原则：本产品为专业灯光布景设备，应由专业灯光师使用或在专业人士指导下使用。使用时必须始终遵循基本的安全预防措施，具体安全预防措施如下：

1. 使用前必须阅读并理解产品说明书。
2. 专业灯具，禁止儿童使用。当儿童靠近时，家长或陪护人必须密切监督，以免儿童因碰撞灯具或私用灯具造成人身伤害。
3. 本灯具并非普通照明灯具，不可用于普通照明，任何有过眼部损伤或眼部敏感的人群均应避免使用本灯具。
4. 灯具点亮时，必须小心使用，禁止接触高温部件，如 LED 灯珠，以免造成灼伤。
5. 灯具点亮时，任何情况下均禁止直视灯珠。应该在专业灯光师指导下使用强光，任何情况下避免长时间处于强光环境，如引起眼睛不适，请及时关闭灯具，暂停使用，请及时就医。
6. 倘灯珠损坏或因热变形，应停止使用，并及时联系制造商、服务代理商或合格的维修人员更换灯珠，以免发生意外。
7. 本产品仅适用于 -10°C -40°C 工作环境温度及正常湿度环境下使用。
8. 请勿使用损坏的设备或设备配件，待专业维修人员检查维修，确认设备正常方可使用。
9. 在使用过程中，如果本产品由于跌落、受到挤压或遭受强烈冲击而造成外壳破裂的，请勿继续使用，以免因接触到内部电子元件而受到电击伤害。
10. 如需要延长线，请使用额定电流 \geq 该设备额定电流的延长线。如延长线额定电流小于该设备，可能导致过热。
11. 部分产品电源线较长，请合理放置电源线，使其处于安全位置。避免电源线接触过热物体表面、避免放置不当导致拉扯损坏或绊倒现场人员。请使用本厂原装电源线，如使用非本厂电源线导致产品损坏，概不在本厂维修范围内。
12. 在清洁和维修之前，请务必从电源插座上拔下该设备插头。不使用时，禁止拉扯电源线以将设备插头从电源插座中拔出。正常断电，应是用手抓住该设备插头两端，将插头从电源插座中拔出。此设备需连接到接地插座中。
13. 本设备没有防水性能，请让设备保持干燥，请勿将本设备浸入水中或其他液体中。设备需安装在干燥且通风处，避免在雨天、潮湿、多尘或过热环境下使用。请勿将任何物体置于灯具上或使液体流入灯具内部，以免发生意外。
14. 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。
15. 存放本设备之前，请确保设备已完全冷却。存放时，将电源线从设备上拔出。设备应放置于设备便携包内或通风干燥处。
16. 请勿将设备放置在酒精、汽油等易燃易爆挥发的溶剂附近。
17. 本厂不推荐的产品附件，请勿使用，以免导致火灾、触电或人身伤害。
18. 清洁本设备时，请勿用湿布擦拭，请用干布，软布擦拭设备污垢。
19. 设备使用前，请注意将保护罩取下。
20. 本产品已通过 ROHS, CE 和 FCC 认证，请参考相关国家标准使用和操作。

- 21.安全说明依据本厂严格测试制定，设备设计和规格如有变更，恕不另行通知。客户可以上神牛官网查看最新的电子版说明，了解产品最新资讯。
- 22.部分产品内置锂电池。此类产品请使用专用的充电器进行充电，并且按正确的操作说明，在规定的电压、温度范围内使用。
- 23.部分产品使用电池供电。此类产品请勿使用说明书中未指定的任何电池、电源或附件。请将电池和其他附件置于儿童及婴幼儿无法触及之处。如果儿童或婴幼儿吞下电池或附件，请立刻就医。如果电池漏液、变色、变形、冒烟或发出异味，请立刻将其取出。在取出过程中请小心，以免烫伤。如果继续使用，可能会引起火灾、触电或皮肤烫伤。请勿使用任何变形或改造过的电池。请勿拆卸或改造本产品或电池。请勿加热电池或焊接电池。请勿让电池与火或水接触。请勿让电池受到强烈的外力撞击。请勿将电池的正负端错误插入，或将新旧电池或不同类型的电池混合使用。
- 24.一年保修期，消耗品电池、适配器、电源线等配件不在此保修范围内。
- 25.经发现，擅自检修设备，将取消一年保修期，维修需要收取相关费用。
- 26.对于不规范操作引起的机器故障不在保修范围内。

保存这些说明

前言

感谢您购买神牛产品！

TL 系列条灯是神牛全新推出的具备双色温，红 (R), 绿 (G), 蓝 (B), 高亮度，多功能常亮灯，适用于任何场景：直播、自拍、静物拍摄、视频录播、婚纱摄影及有限空间内补光、轻松动感补光等；支持多种控制方式，操作便捷。

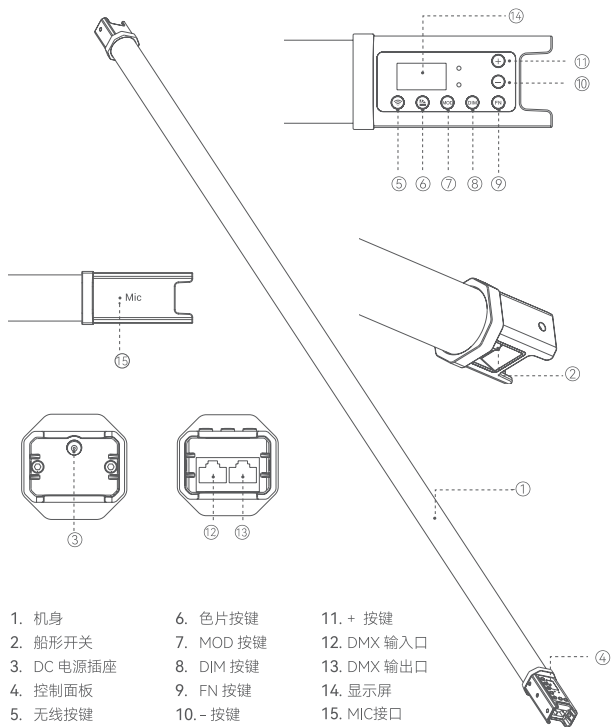
主要特点

- 一灯多用，随心切换 LED 双色温模式、彩光模式和 39 种情景光效模式
- 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
- 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°C 的高温环境中。使用原配适配器充电，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



物品清单

型号	物品清单
TL60	灯体 *1、适配器 *1、电源线 *1、RJ45 接口主从线 *1、固定夹 *1、钢丝绳 *2、便携包 *1、说明书 *1
TL120	灯体 *1、适配器 *1、电源线 *1、RJ45 接口主从线 *1、固定夹 *2、钢丝绳 *2、便携包 *1、说明书 *1
TL180	灯体 *1、适配器 *1、电源线 *1、RJ45 接口主从线 *1、固定夹 *3、钢丝绳 *2、适配器固定底座 *1、说明书 *1



灯体



电源线



适配器



RJ45 接口主从线



TL180 固定夹



TL60/TL120 固定夹



钢丝绳



适配器固定底座



说明书



TL60 便携包



TL120 便携包

可选购附件

TL60/TL120 可用:

两灯灯架套装 TL-B2、四灯灯架套装 TL-B4、八灯灯架套装 TL-B8。

两灯支架 套装 TLA-B2、四灯支架套装 TLA-B4

TL180 可用:

两灯支架 套装 TL180-B2 四灯支架套装 TL180-B4

电源管理

1. 供电

内置锂电池，可充足电后移动使用，也可直接使用适配器供电。

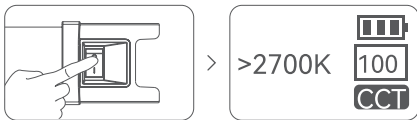
2. 充电

充电时显示屏电池符号格数跳动，充满电电池显示满格。

操作说明

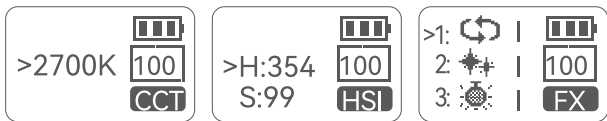
1. 开机 / 关机

拨动船形开关控制机子的打开和关闭，LCD 显示主机当前信息。



2. 模式选择：双色温模式 / 彩光模式 / 光效模式

按 MOD 按钮切换模式：



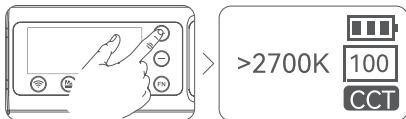
显示 CCT 即为双色温模式。

显示 HSI 即为彩光模式。

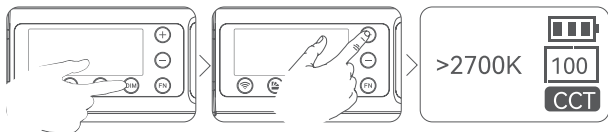
显示 FX 即为光效模式。

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。

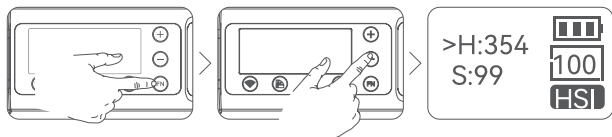


2.1.2 亮度调节：短按 DIM 按键后按“+”或“-”调节亮度，调节范围 0 ~ 100。



2.2 彩光模式

2.2.1 调节色相 H：短按 FN 按键选中 H，再按“+”按键或“-”按键调节色相，色相调节范围 0° ~ 360°。

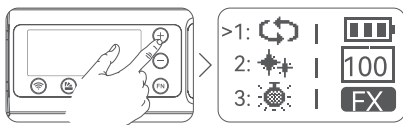


2.2.2 调节饱和度 S：短按 FN 按键选中 S，再按“+”按键或“-”按键调节饱和度，饱和度调节范围 0-100。

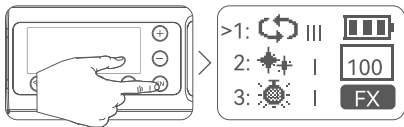


2.3 情景光效模式 (39 种)

2.3.1 按“+”按键或“-”按键选择光效模式类别，1 ~ 14 类可选，拨动拨轮循环出现。



2.3.2 选中后短按 FN 按键可选择当前类别中的档位：I、II、III 3 种档位。



光效表 (39 种)

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		派对	生日会	KTV	迪斯科
4		雷闪电	间歇	频繁	持续
5		坏灯泡	间歇	频繁	持续
6		电视机	慢速	中速	快速
7		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			

3. 蓝牙 /2.4G 无线 /DMX 控制

短按无线按键，再按“+”或“-”按键选择控制模式，选好模式后按 FN 按键或无线按键进入对应的设置界面。



3.1 蓝牙设置

3.1.1 开关蓝牙：短按 FN 按键选中蓝牙，按“+”或“-”按键开关蓝牙，显示 ON 为开，显示 OFF 为关。打开蓝牙时，指示灯显示蓝色。

3.1.2 蓝牙重置：短按 FN 按键选中 RESET，按“+”或“-”按键对蓝牙进行重置。

3.1.3 蓝牙号：MAC: XXXX，为本机蓝牙号。



3.2 4G 无线设置

RGB 条灯具备无线控制功能，可另购遥控器 RC-R9 进行无线控制，使用 2.4G 无线技术，可同时分别控制 6 组灯，32 个频道，99 个无线 ID，抗干扰性强。

3.2.1 开关 2.4G 无线：

按 FN 按键选中 ON/OFF，按“+”或“-”按键可切换 ON 或 OFF；ON 为打开（无线指示灯亮绿灯），OFF 为关闭（无线指示灯灭）。

3.2.2 频道设置：

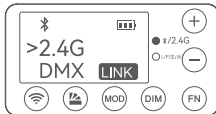
按 FN 按键选中 CH，按“+”或“-”按键设置频道，可选频道 32 个（1 ~ 32）。

3.2.3 组别设置：

按 FN 按键选中 GR，按“+”或“-”按键设置的组别，可选组别 6 组（A ~ F）。

3.2.4 ID 设置：

按 FN 按键选中 ID，按“+”或“-”按键设置的 ID，可选 ID 有 99 个（OFF, 1 ~ 99）。



注：蓝牙和 2.4G 同时打开时，指示灯显示青色。

使用前请把 RGB 条灯与遥控器的频道 (CH)，组别 (GR)，ID 设为一致。RGB 条灯在开机的状态下才能接收无线信号。

3.3 DMX 控制台模式

3.3.1 按 FN 按键选中 L/F，按“+”或“-”按键选中 F（FOLLOW 跟随模式），此时主从灯指示灯显示为蓝色。

3.3.2 按 FN 按键选中 MOD，按“+”或“-”按键可选 CCT-HSI 8bit 或 ULTIMATE 8bit。

3.3.3 选好 MOD 模式，按 FN 按键选中 ADD，可选 ADD 有 512 个（001~512）。

3.3.4 设置好 ADD 后用 DMX 连接线一端连接控制台 DMX 输出口，一端连接灯 DMX 输入口。

选 CCT-HSI 8 Bit 模式，控制台发送数据内容请参照下表：

序号	名称	通道	功能	DMX 数值	参数
模式 1	CCT-HSI 8bit	1	亮度调节	0-255	0-100%
		2	色温调节	0-255	2700K-6500K
		3	交叉渐变	0-255	DMX 数值 0: 只输出 CCT DMX 数值 255: 只输出 HSI
		4	色相调节	0-255	0° -360°
		5	饱和度调节	0-255	0-100

选 ULTIMATE 8 Bit 模式，控制台发送数据内容请参照下表：

序号	名称	通道	功能	DMX 数值	参数
模式 2	ULTIMATE 8bit	1	模式选择	0-51	色温模式
				52-103	HSI 彩光模式
				104-156	RGBW 模式
				157-208	FX 光效模式
				209-255	色片模式
		2	亮度调节	0-255	0-100%
		3	模式参数见下面表格		
		4			
		5			
		5			
6					

模式参数	通道	功能	DMX 数值	参数
CCT 色温模式参数	3	色温选择	0-255	2700K-6500K
HSI 彩光模式参数	3	色相调节	0-255	0-360°
	4	饱和度调节	0-255	0-100
RGBW 模式参数	3	红光强度调节	0-255	0-255
	4	绿光强度调节	0-255	0-255
	5	蓝光强度调节	0-255	0-255
	6	白光强度调节	0-255	0-255
FX 光效模式参数	3	光效类型	0-18	RGB 循环
			19-36	闪光灯
			37-56	派对
			57-75	雷闪电
			76-95	坏灯泡
			96-113	电视机
			114-133	蜡烛
			134-151	火
			152-170	烟花
			171-189	警车
			190-208	消防车
			209-228	救护车
			229-247	音乐
	248-255	SOS		
4	光效档位	0-85	光效档位 I	
		86-171	光效档位 II	
		172-255	光效档位 III	
色片模式参数	3	色片选择	0-127	R 色片
			128-255	L 色片
	4	(L 或 R) 色片切换	0-255	每 13 个值对应一种色片

8bit

计算亮度

亮度数值

$$\text{DMX 数值} = \frac{\text{亮度数值}}{0.3921}$$

$$\text{亮度数值} = \text{DMX 数值} * 0.3921$$

计算色温

色温数值 -2700

$$\text{DMX 数值} = \frac{\text{色温数值} - 2700}{14.9}$$

$$\text{色温数值} = \text{DMX 数值} * 14.9 + 2700$$

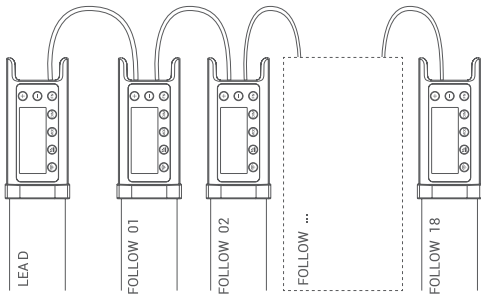
3.4. DMX 接口主从模式

3.4.1 按 FN 按键选中 L/F, 按“+”或“-”按键选中 L (LEAD 模式)。

3.4.2 将其他灯设置为 F (FOLLOW 跟随模式) (无需设置 ADD)。



3.4.3 用 RJ45 连接线将灯连接起来。

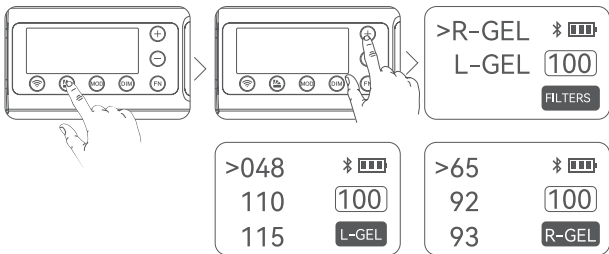
3.4.4 处于 FOLLOW 模式下的灯将与 LEAD 模式下的灯自动同步。



注：DMX 接口使用主从灯控制时，从灯的数量不能超过 18 盏灯。

4. 色片设置

按色片  按钮进入色片设置界面，按“+”或“-”按钮选择 R-GEL 色片组或 L-GEL 色片组，再按  进入色片组里面选相应的色片，R-GEL 和 L-GEL 色片组里面分别有 20 种色片可选，总共 40 种。



5. 连接手机 APP

1. 将蓝牙设置为 ON。



2. 灯体上有二维码的图片，直接扫二维码即可下载“Godox Light”手机 APP（安卓和苹果系统都可以使用）。

具体操作请参考手机 APP“帮助”手册。



注：首个移动设备（手机或平板电脑）可直接使用 APP 操控灯体。更换其他移动设备（手机或平板电脑）时，灯体进行蓝牙重置后，方可正常使用 APP 连接。TL 系列条灯使用 APP 控制时，具备 RGBW 模式。

规格参数

型号	TL60	TL120	TL180
内置锂电池供电	14.4V/2600mAh 37.44Wh	14.4V/5200mAh 74.88Wh	14.4V/9000mAh/ 129.6Wh
适配器	20V/2.4A	20V/4.8A	20V/5.5A
功率	最大 18W	最大 30W	最大 55W
持续使用时间 (100%亮度)≈	120 分钟	140 分钟	160 分钟
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°		
CRI(≈)	96		
TLCI(≈)	98		
控制方式	手机 APP/2.4G 无线遥控 /DMX 控制		
蓝牙无线控制距离	≈ 30 米		
2.4 无线控制距离	≈ 50 米 (另购遥控器 RC-R9)		
工作环境温度	-10~40 °C		
产品尺寸	直径 48*750mm	直径 48*1170mm	直径 51*1800mm
重量	0.73kg	1.27kg	2.21kg

* 规格和参数如有变更，恕不另行通知。

照度数据

TL60				
色温	照度单位	1m	2m	3m
2700K	lux	285	102	46.7
	fc	35.7	9.45	4.34
3200K	lux	384	102	46.8
	fc	35.6	9.44	4.35
4300K	lux	408	108	49.8
	fc	37.9	10.1	4.63
5600K	lux	421	111	50.8
	fc	39.1	10.3	4.72
6500K	lux	447	119	54.6
	fc	41.5	11.0	5.07

TL120				
色温	照度单位	1m	2m	3m
2800K	lux	659	202	101
	fc	61.2	18.8	9.4
3200K	lux	610	187	93.3
	fc	56.7	17.4	8.7
4300K	lux	666	205	102
	fc	61.9	19	9.5
5600K	lux	685	210	104
	fc	63.7	19.5	9.7
6500K	lux	769	234	117
	fc	71.3	21.7	10.9

TL180				
色温	照度单位	1m	2m	3m
2700K	lux	776	253	145
	fc	72.1	23.5	13.5
3200K	lux	672	234	125
	fc	92.7	21.8	11.6
4300K	lux	687	240	128
	fc	63.8	22.3	11.9
5600K	lux	729	254	136
	fc	67.8	23.6	12.6
6500K	lux	895	312	167
	fc	83.2	29	15.5

* 上述测试皆在灯体 100%亮度下进行。

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，适配器，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。

本设备包含型号核准代码为：CMIIT ID:2020DP13510，为该产品的无线电发射模块。

Safety Instructions and Attentions

First of all, as the most basic principle: This product is a professional lighting set equipment and should be used by professional lighting engineers or under the guidance of professionals. Basic safety attentions must always be followed during use, as follows:

Before use, please read and understand these instructions and attentions.

1. Professional lighting is prohibited for children. When children are near, parents or accompanying persons must supervise closely to prevent children from personal injury due to collision with lamps or private use of lamps.

This lighting product is not ordinary lighting product and cannot be used for general

3. lighting. Anyone who has suffered eye damage or has sensitive eyes should avoid using this product.

When the lamp is on, it must be used with care. Do not touch high-temperature parts,

4. such as LED lamp beads, to avoid burns.

When the lamp is on, it is forbidden to look directly at the lamp beads under any

5. circumstances. Strong light should be used under the guidance of professional lighting engineers. Avoid prolonged exposure to strong light under any circumstances.

If eye discomfort, please turn off the lamp in time, suspend use, and see a doctor immediately.

If the lamp bead is damaged or deformed by heat, stop using this equipment, and

6. contact the manufacturer, service agent or qualified maintenance personnel to replace the lamp bead in time to avoid accidents.

This product is only suitable for use in -10°C to 40°C operating environment and

7. normal humidity environment.

Do not use damaged equipment or accessories, and wait for professional maintenance

8. personnel to check and repair to confirm being normal before use.

During using, if the casing of this product is broken due to being dropped, squeezed

9. or subjected to strong impact, please do not use it, so as to avoid electric shock injury due to contact with internal electronic components.

If an extension cord is required, please use an extension cord with a current rating

10. greater than or equal to that of the equipment. If an extension cord is rated less than the equipment, overheating may result.

Some products have long power cords, please place the power cords properly and

11. keep them in a safe place. Avoid contacting the power cord with overheating surfaces, avoid improper placement that could cause pulling damage, or trip on-site personnel.

Please use the certified power cord from the original manufacturer. If the product is damaged by using a non-certified power cord, it will not be repaired by our factory.

12. Be sure to unplug equipment from the power outlet before cleaning and repairing. When not in use, do not pull the power cord to unplug the equipment. For normal power-off, please hold both ends of the plug of the equipment with your hands and pull the plug out of power outlet. This equipment needs to be connected to a grounded outlet.
13. This equipment is not waterproof, please keep it dry and do not immerse it in water or other liquids. The equipment should be installed in a dry and ventilated place, and avoid using it in rainy, humid, dusty or overheated environments. Do not place any objects on the lamp or let liquid flow into the lamp to avoid accidents.
14. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
15. Before storing, make sure that the equipment has cooled down completely. For storage, unplug the power cord from the equipment. The equipment should be placed in the carrying case or in a ventilated dry place.
16. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
17. Do not use accessories that are not recommended by our factory to avoid fire, electric shock or personal injury.
18. When cleaning, do not wipe it with a damp cloth, please use a dry cloth or a soft cloth to wipe the dirt of the equipment.
19. Please take off the protective cover before using.
20. This product complies with ROHS, CE, and FCC certification, please refer to the relevant national standards for use and operation.
21. The safety instructions are formulated according to the strict testing of the factory, and the design and specifications of the equipment are subject to change without prior notice. For latest product information, please check the GODOX website and view latest electronic instruction.
22. Some products have built-in lithium batteries. Please use specified chargers, and use them within a proper range of the specified voltage and temperature according to the correct operating instructions.
23. Some products are battery powered. Do not use any batteries, power sources or accessories not specified in the instructions for such products. Keep batteries and other accessories out of the reach of children and infants. In the instance that a child or infant swallows a battery or accessory, immediate emergency medical attention is required. If the battery leaks, becomes discolored, deformed, emits smoke, or emits an abnormal odor, remove it immediately. Be careful during removal to avoid burns. Continued use could result in fire, electric shock, or burns. Do not use any deformed or modified batteries. Do not disassemble or modify this product or battery. Do not heat

or solder the battery. Keep the battery away from fire or water. Do not incorrectly insert the positive and negative ends of batteries, or mix old and new batteries or batteries of different types together.

24. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc. are not covered by this warranty.
25. If it is found that the equipment is repaired without authorization, the one-year warranty period will be cancelled and relevant fees will be charged for maintenance.
26. Machine failures caused by non-standard operation are not covered by the warranty.

keep these instructions!

Foreword

Thank you for purchasing this Godox Product!

This TL series RGB Lights are brandnew multifunctional RGB lights with dual color temperature and high light brightness. Suitable for almost all shooting occasions e.g. live streaming, portrait shooting, wedding, etc. It's portable and easy to be operated with various control methods.

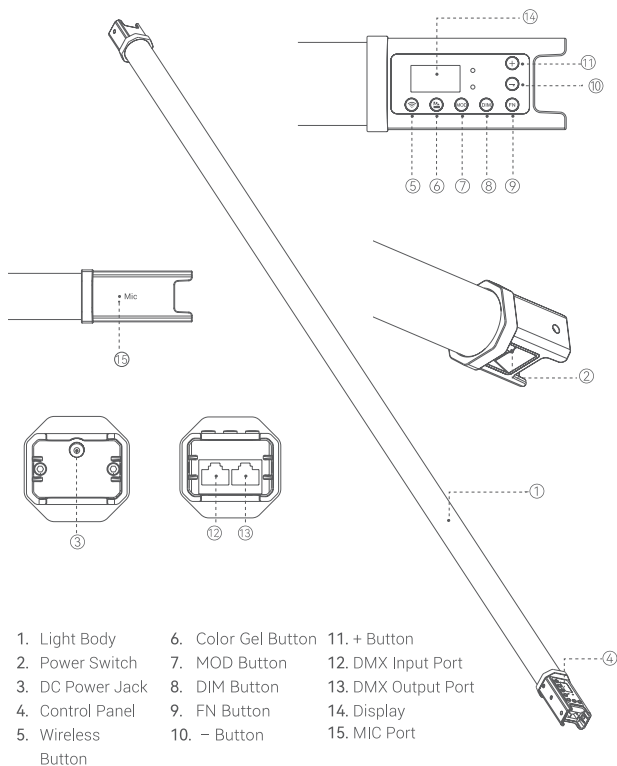
Features

- Freely switch LED Bi-color mode, RGB mode and 39 special effects modes
- Easy to adjust color temperature, brightness, hue and color saturation
- Change colors with the rhythm of music
- Control by smartphone APP/2.4G wireless/DMX
- Use in combination to make more creative light groups

Warning

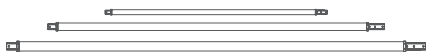
- ⚠ Always keep this product dry. Do not use in rain or in damp conditions.
- ⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- ⚠ Keep out of reach of children.
- ⚠ As this product do not have waterproof function, please take measures 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 included adapter and correctly operate it within the defined voltage and working temperate according to the instruction manual.

Names of Parts



What's in the Box

Model	Item List
TL60	Light Body*1, Adapter*1, Power Cord*1, RJ45 Cable*1, Clip*1, Steel Cable*2, Carry Bag*1, Instruction Manual*1
TL120	Light Body*1, Adapter*1, Power Cord*1, RJ45 Cable*1, Clip*2, Steel Cable*2, Carry Bag *1, Instruction Manual*1
TL180	Light Body*1, Adapter*1, Power Cord*1, RJ45 Cable*1, Clip*3, Steel Cable*2, Adapter Holder*1, Instruction Manual*1



Light Body



Power Cord



Adapter



RJ45 Cable



Clip for TL180



Clip for TL60/TL120



Steel Cable



Adapter Holder



Instruction Manual



Carry Bag for TL60



Carry Bag for TL120

Optional Accessories

TL60/L120:

Two-light Bracket Kit TL-B2, Four-light Bracket Kit TL-B4, Eight-light Bracket Kit TL-B8
Two-light Bracket Kit TLA-B2, Four-light Bracket Kit TLA-B4

TL180:

Two-light Bracket Kit TL180-B2, Four-light Bracket Kit TL180-B4

What's in the Box

1. Power Supply

The built-in lithium battery can offer portable operation once got fully charged. The light can also put into usage by connecting the adapter to power source.

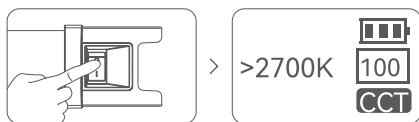
2. Charge

The charge grids indicator will be blinking in charging while displaying full grids once got fully charged.

Operation

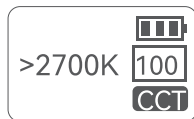
1. Power Switch

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.

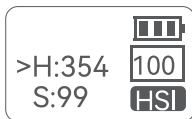


2. Mode Selection: Bi-color Mode/RGB Mode/Special Effects Mode

Press MOD button to switch different modes:



CCT displayed on the screen means Bi-color mode



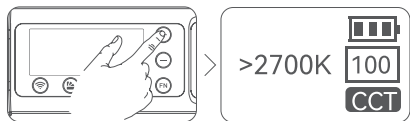
HSI displayed on the screen means RGB mode



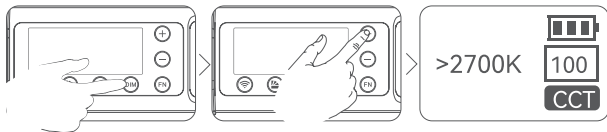
FX means special effects mode

2.1 Bi-color Mode

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

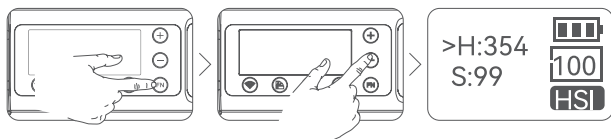


2.1.2 Brightness adjustment: Short press the DIM button, then, press the "+" or "-" button to adjust the brightness from 0 to 100.



2.2 RGB Mode

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

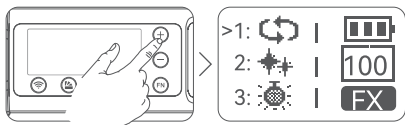


2.2.2 Adjust saturation S: Short press the FN Button dial and S is selected. Then, press the "+" or "-" button to adjust the saturation from 0 to 100.

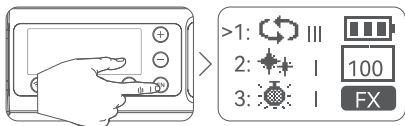


2.3 Special Effects Modes (39)

2.3.1 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.



2.3.2 After choosing the current mode, Short press the FN Button to choose from I, II and III.



Light Effects Table (39)

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		Party	Birthday party	KTV	Disco
4		Lightning	Discontinuous	Frequent	Sustainable
5		Broken bulb	Discontinuous	Frequent	Sustainable
6		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			

3. Control Modes Selection: Bluetooth/2.4G Wireless /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.

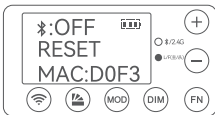


3.1 Bluetooth Setting

3.1.1 Bluetooth switch: Short 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. When the Bluetooth is on, the indicator will turn to blue.

3.1.2 Initialize the Bluetooth password: Short press the FN button to select RESET. Then, press the "+" or "-" button to reset the Bluetooth.

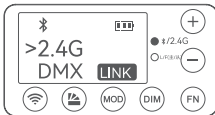
3.1.3 Bluetooth Number: MAC: xxxx is the Bluetooth number of this light.



3.2 2.4G Wireless Setting

With 2.4G wireless system, RGB tube light has remote grouping and control function. It is recommended to purchase RC-R9 remote control(optional) to achieve wireless control. Up to 6 groups of LED lights can be controlled. 32 channels and 99IDs are available with strong anti-interference capability.

3.2.1 2.4G Wireless switch: press the FN button to select ON/OFF. 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 green), "OFF" means turned off (wireless indicator is put off).



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

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

3.2.4 ID setting: press the FN button to select ID. Then, press the "+" or "-" button to select 99 IDs from 1 to 99.

Note: When opening the Bluetooth and 2.4G simultaneously, the indicator will turn to cyan. Please make LED light's channel, group and ID to the same as remote control's. The RGB tube light can only receive wireless signals in powered-on status.

3.3 DMX Control Modes

3.3.1 Press FN button to choose L/F, then press "+" or "-" button to choose F (FOLLOW mode), the indicator will display blue.

3.3.2 Press FN button to choose MOD, then press "+" or "-" button to choose CCT-HSI 8bit or ULTIMATE 8bit.

3.3.3 After choosing MOD mode, press FN button to choose ADD from 001 to 512.

3.3.4 After set ADD, connect one end of the DMX cable to DMX output port of controller and the other end to DMX input port of the light.

The data sent by controller in CCT-HSI 8Bit mode are as follows:

Mode	Name	Channel	Function	DMX value	Parameter
Mode 1	CCT-HSI 8bit	1	DIM adjustment	0-255	0-100%
		2	CCT adjustment	0-255	2700K-6500K
		3	Cross gradient	0-255	DMX value is 0: only output CCT. DMX value is255: only output HSI.
		4	HUE adjustment	0-255	0° -360°
		5	Saturation adjustment	0-255	0-100

The data sent by controller in ULTIMATE 8bit mode are as follows:

Mode	Name	Channel	Function	DMX value	Parameter
Mode 2	ULTIMATE 8bit	1	Mode selection	0-51	CCT mode
				52-103	HSI mode
				104-156	RGBW mode
				157-208	FX mode
				209-255	Filter mode
		2	DIM adjustment	0-255	0-100%
		3	Mode Parameter (refer to table below)		
		4			
		5			
6					

Mode	Channel	Function	DMX value	Parameter
CCT Mode Parameter	3	CCT selection	0-255	2700K-6500K
HSI Mode Parameter	3	HUE adjustment	0-255	0-360°
	4	Saturation adjustment	0-255	0-100
RGBW Mode Parameter	3	Red light adjustment	0-255	0-255
	4	Green light adjustment	0-255	0-255
	5	Blue light adjustment	0-255	0-255
	6	White light adjustment	0-255	0-255
FX Mode Parameter	3	Light effect type	0-18	RGB recycle
			19-36	Flash
			37-56	Party
			57-75	Lightning
			76-95	Broken Bulb
			96-113	TV
			114-133	Candle
			134-151	Fire
			152-170	Firework
			171-189	Police car
			190-208	Firetruck
			209-228	Ambulance
			229-247	Music
	248-255	SOS		
	4	Light effect gear	0-85	I
86-171			II	
172-255			III	
Filter Mode Parameter	3	Filter selection	0-127	R filter
			128-255	L filter
4	(L or R) Filter switch	0-255	Each 13 values refer to one filter.	

8bit

$$\text{Brightness calculation} \quad \text{Brightness value}$$
$$\text{DMX value} = \frac{\quad}{0.3921}$$

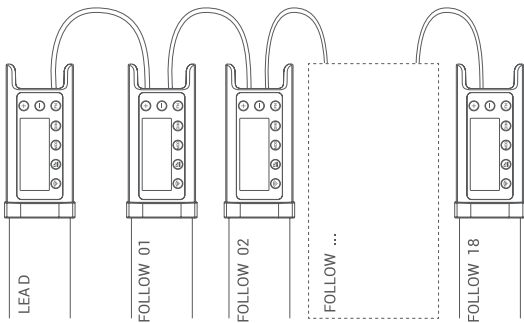
$$\text{Brightness value} = \text{DMX value} * 0.3921$$

$$\text{Brightness calculation} \quad \text{CCT value}-2700$$
$$\text{DMX 数值} = \frac{\quad}{14.9}$$

$$\text{CCT value} = \text{DMX value} * 14.9 + 2700$$

3.4 DMX LEAD and FOLLOW mode

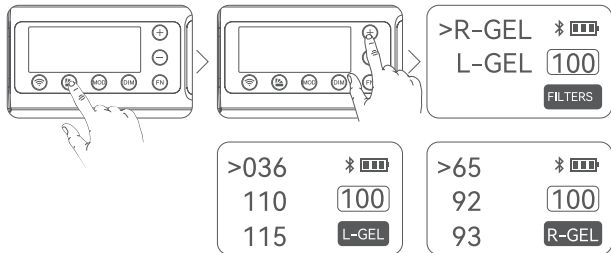
- 3.4.1 Press FN button to choose L/F, then press "+" or "-" button to choose L(LEAD mode).
- 3.4.2. Set other lights to F(follow mode)(No need to set ADD).
- 3.4.3. Connect the lights with RJ45 cable.
- 3.4.4. The lights in FOLLOW modes will automatically synchronize the light in LEAD mode.



Note: When using LEAD and FOLLOW modes through DMX port, the quantity of lights in FOLLOW modes cannot be over 18.

4. Color Gel Setting

Press the color gel button to enter the interface. Then, press the "+" or "-" button to choose R-Gel or L-Gel group. Then, press the FN to enter the color gel group to select the corresponding color gel. There are both 20 color gel in R-Gel and L-Gel groups for your choice, 40 kinds in total.



5. Connect with Smartphone APP

1. Set the Bluetooth to ON.
2. As there is a QR code on the light body please scan the QR code directly to download the "GodoxLight" smartphone APP (can be used by Android and Apple system).



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



Note: The first mobile device (mobile phone or tablet) can directly use the APP to control the light body. When replacing other mobile devices (mobile phones or tablets), the lamp body can be connected normally after Bluetooth reset. RGBW mode is available in APP control of TL series tube lights.

Technical Data

LED Light	TL60	TL120	TL180
Built-in Lithium Battery	14.4V/2600mAh 37.44Wh	14.4V/5200mAh 74.88Wh	14.4V/9000mAh/ 129.6Wh
Adapter	20V/2.4A	20V/4.8A	20V/5.5A
Power	Max.18W	Max.30W	Max.55W
Duration(continuous output in 100% full power)≈	120 minutes	140 minutes	160 minutes
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°		
CRI (≈)	96		
TLCI(≈)	98		
Control Method	Smartphone APP/2.4G wireless/DMX control		
Bluetooth Wireless Control Distance	≈30m		
2.4G Wireless Control Distance	≈50m(with optional RC-R9 remote control)		
Operation Temperature	-10~40 °C		
Dimension	48*750mm	48*1170mm	51*1800mm
Net Weight	0.73kg	1.27kg	2.21kg

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

Illuminance

TL60				
CCT	Illumination Unit	1m	2m	3m
2700K	lux	285	102	46.7
	fc	35.7	9.45	4.34
3200K	lux	384	102	46.8
	fc	35.6	9.44	4.35
4300K	lux	408	108	49.8
	fc	37.9	10.1	4.63
5600K	lux	421	111	50.8
	fc	39.1	10.3	4.72
6500K	lux	447	119	54.6
	fc	41.5	11.0	5.07

TL120				
CCT	Illumination Unit	1m	2m	3m
2800K	lux	659	202	101
	fc	61.2	18.8	9.4
3200K	lux	610	187	93.3
	fc	56.7	17.4	8.7
4300K	lux	666	205	102
	fc	61.9	19	9.5
5600K	lux	685	210	104
	fc	63.7	19.5	9.7
6500K	lux	769	234	117
	fc	71.3	21.7	10.9

TL180				
CCT	Illumination Unit	1m	2m	3m
2700K	lux	776	253	145
	fc	72.1	23.5	13.5
3200K	lux	672	234	125
	fc	92.7	21.8	11.6
4300K	lux	687	240	128
	fc	63.8	22.3	11.9
5600K	lux	729	254	136
	fc	67.8	23.6	12.6
6500K	lux	895	312	167
	fc	83.2	29	15.5

* All the above tests are based on the condition of 100% brightness.

Maintenance

This product, except consumables e.g. adapter and adapter 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.

⚠ Warning (TL180)

Operating frequency: 2412.99MHz – 2464.49MHz(2.4G only receive)/2402MHz – 2480MHz (BT) Maximum EIRP Power: 7.94dBm

Declaration of Conformity

GODOX Photo Equipment Co.,Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.For more information of DoC, Please click this web link:

<https://www.godox.com/eu-declaration-of-conformity/>

The device complies with RF specifications when the device used at 0mm from your body.

⚠ Warning (TL60)

Operating frequency:2412.99MHz – 2464.49MHz(2.4G only receive)/2402MHz–2480MHz (BT)Maximum EIRP Power: 3.64dBm

Declaration of Conformity

GODOX Photo Equipment Co.,Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.For more information of DoC, Please click this web link:

<https://www.godox.com/eu-declaration-of-conformity/>

The device complies with RF specifications when the device used at 0mm from your body.

⚠ Warning (TL120)

Operating frequency:2412.99MHz – 2464.49MHz(2.4G only receive)/2402MHz–2480MHz (BT) Maximum EIRP Power: 3.21dBm

Declaration of Conformity

GODOX Photo Equipment Co.,Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.For more information of DoC, Please click this web link:

<https://www.godox.com/eu-declaration-of-conformity/>

specifications when the device used at 0mm from your body.

产品保修

尊敬的用户，本保修卡是申请保修服务的重要凭证，请您配合销售商填写并妥善保管，谢谢！

产品信息	型号	产品条码
用户信息	姓名	联系电话
	通讯地址	
销售商信息	名称	
	联系电话	
	通讯地址	
	销售日期	
备注		

注：此表应由销售商盖章确认。

产品信息

本文件适用于相关《产品保修信息》（见后面说明）所列产品，其他非属此范围的产品或部件（如促销品、赠品及其他出厂后附加的部件等）不在此保修承诺内。

保修期

产品及部件的相应保修期按相关的《产品保修信息》执行。保修期自产品首次购买日起算，购买日以购买产品时保修卡登记日期为准。

如何获得保修服务

您可直接与产品销售商或授权服务机构联系，也可拨打神牛产品售后服务电话，与我们联系，由我们的服务人员为您安排服务。申请保修时，您应提供有效的保修卡作为保修凭证，方可获得保修。如您不能提供有效的保修卡，则在我们可确认产品或部件属于保修范围的情况下，也可以为您提供保修，但这不作为我们的义务。

不适用保修的情况

如产品存在下列情况，本文件项下的保证和服务将不适用 ①产品或部件超过相应保修期；②错误或不适当使用、维护或保管导致的故障或损坏，如：不当搬运；非按产品合理预期用途使用；不当插拔外接设备；跌落或外力挤压；接触或暴露于不适当温度、溶剂、酸碱、水浸或潮湿环境；③由非神牛授权机构或人员安装、修理、更改、添加或拆卸造成的故障或损坏；④产品或部件原有识别信息被修改变更或删除；⑤无有效保修卡；⑥使用非合法授权、非标准或非公开发行的软件造成的故障或损坏；⑦因不可抗力或意外事件造成的故障或损坏；⑧其他非因产品本身质量问题导致的故障或损坏。遇上述情况，您应向相关责任方寻求解决，神牛对此不承担任何责任。因非在保修期或保修范围内的部件、附件或软件导致产品不能正常使用的，不是保修范围内的故障。产品使用过程中正常的脱色，磨损和消耗，不是保修范围内的故障。

产品保修和服务支持信息

产品的保修期和服务类型按以下《产品保修信息》执行：

产品类别	选件名称	保修期（月）	保修服务类型
部件	电路板	12	客户送修
	电池	3	客户送修
	充电器带电性能的部件	12	客户送修
其他	如闪光灯管、造型灯泡、外壳、保护罩、锁紧装置、包装、电源线、同步线等。	无	无保修

神牛产品售后服务电话 0755-29609320-8062

Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safe-keep it. Thank you!

Product Information	Model	Product Code Number
Customer Information	Name	Contact Number
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Date of Sale	
Note		

Note: This form shall be sealed by the seller.

Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items, giveaways and additional accessories attached, etc.) are not included in this warranty scope.

Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day(purchase date) when the product is bought for the first time, And the purchase date is considered as the date registered onthe warranty card when buying the product.

How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Godox after-sale service call and we will offer you service. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following cases: ① . The product or accessory has expired its warranty period; ② .Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc; ③ . Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment; ④ . The original identifying information of product or accessory is modified, alternated, or removed; ⑤ . No valid warranty card; ⑥ . Breakage or damage caused by using illegally authorized, nonstandard or non-public released software; ⑦ . Breakage or damage caused by force majeure or accident; ⑧ . Breakage or damage that could not be attributed to the product itself. Once met these situations above, you should seek solutions from the related responsible parties and Godox assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g.battery charger	12	Customer sends the product to designated site
Other Items	Flash tube, modeling lamp, lamp body, lamp cover, lockingdevice, package,power cord, sync cable, etc.	No	Without warranty

合格证
QC PASS



Wechat
Official Account
神牛微信公众号

深圳市神牛摄影器材有限公司

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