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Godox



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深圳市神牛摄影器材有限公司

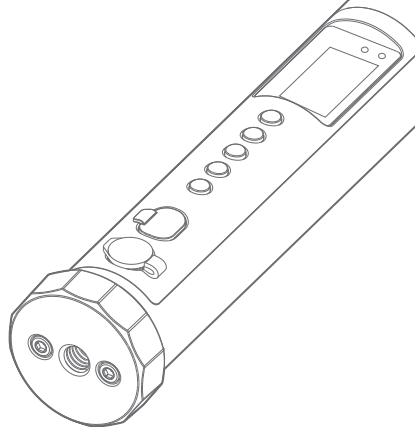
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Made in China | 705-TP2R00-03



KNOWLED TP2R / TP4R / TP8R

RGBWW 像素条灯
KNOWLED RGBWW Pixel 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，家长或监护人必须密切监督，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℃-40℃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≥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出该设备插头。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. 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。
 14. 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。
 15. 请勿将设备放置在酒精、汽油等易燃易爆挥发的溶剂附近。
 16. 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。
 17. 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。
 18. 设备使用前，请注意将保护罩取下。
 19. 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。
 20. 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。
- 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。

21. 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
22. 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。
23. 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。
24. 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。
25. 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。

TP2R/TP4R/TP8R 是神牛最新推出的像素 RGBWW 条灯。TP2R/TP4R/TP8R 可以直立或悬挂使用、防水等级达 IP65、内置锂电池、两侧配有 3/8" 螺丝孔；拥有五种光效模式：CCT 色温模式、HSI 彩光模式、RGB 模式、GEL 色片模式、FX 场景光效模式；支持蓝牙 APP 控制 / DMX512 控制 / 无线 CRMX 控制 / RDM 控制；常适用于专业影视活动、电影拍摄、电视剧拍摄、摄影棚内拍摄等拍摄场合。

主要特点

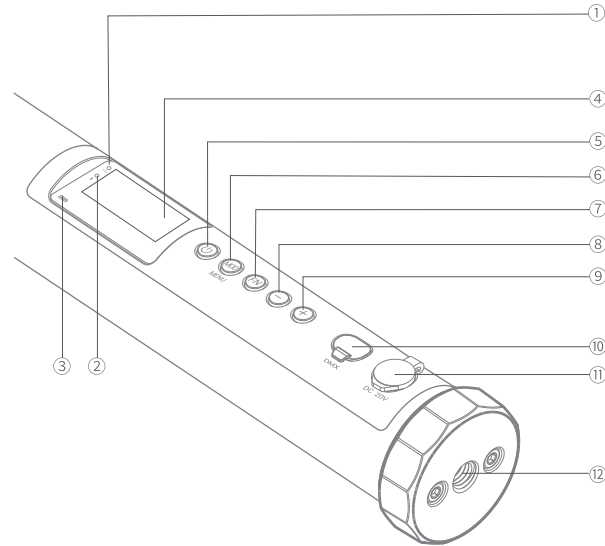
- 4 种调光曲线：线性、S 型、指数、对数。
- 宽广冷暖色温，可在 2000K-10000K 之间自由调节。
- TP2R 内置 43.2Wh 锂电池，续航约 120 分钟（灯体 100% 亮度）。
- TP4R 内置 86.4Wh 锂电池，续航约 120 分钟（灯体 100% 亮度）。
- TP8R 内置 172.8Wh 锂电池，续航约 140 分钟（灯体 100% 亮度）。
- TP2R 拥有 16 位独立可控像素，TP4R 拥有 32 位独立可控像素，TP8R 拥有 64 位独立可控像素。
- 超高显色指数，平均 CRI $\geq$ 96，平均 TLCI $\geq$ 96。
- 多种智能控制，支持 DMX 512 控台控制 / 无线 CRMX 控制 / 蓝牙 APP 控制 / 灯体控制 / RDM 控制。
- IP65 级防护设计，防止粉尘进入的同时，不惧任何角度泼水。
- 17 类 FX 光效模式：渐入、流动、追逐、彩光循环、派对、闪光灯、雷闪电、多云、坏灯泡、电视机、蜡烛、火、烟花、爆炸、焊接、警车、SOS。
- 智能电池显示，随时掌握灯具使用时长。

⚠ 警告

- ⚠ 请勿直视灯具，这可能损伤视力。
- ⚠ 请勿使用放大镜或其他可能会集中光输出的光学仪器查看 LED。
- ⚠ 请勿在高温环境或阳光直射的地方操作本设备。这会导致异常行为或损坏产品。
- ⚠ 请勿在电量耗尽时存放灯具；存放之前，确保灯具有电。
- ⚠ 电量耗尽时，请立即充电。
- ⚠ 请勿在无人看管的情况下充电。
- ⚠ 避免碰撞或跌落，这可能引起火灾或爆炸。
- ⚠ 如果灯具损坏，请勿通电，小心触电。

部件名称

灯体



- | | |
|----------------|--------------|
| 1. CRMX 指示灯 | 7. FN 按键 |
| 2. 蓝牙指示灯 | 8. - 按键 |
| 3. 电量指示灯 | 9. + 按键 |
| 4. 显示屏 | 10. DMX 接口 |
| 5. 开关按键 | 11. DC 输入接口 |
| 6. MOD/MENU 按键 | 12. 3/8" 螺丝孔 |

显示屏



物料清单(TP2R/TP4R/TP8R)



温馨提示：说明书线图均为示意图,仅供参考,由于产品不断更新与升级,产品实物与线图可能存在差异,请以实物为准。

另购附件

电源箱 TP-P600, 两灯拼接件 TP-M2, 两灯支架套装 TP-B2, 四灯支架套装 TP-B4, 八灯支架套装 TP-B8, 柔光箱 TP-S2, DMX 转接线 DMX-C1, 地灯架 TP-FS60, 柔光气柱 TP-S2A

电池

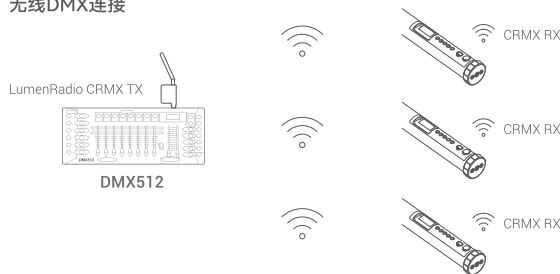
- 1. 本产品内置锂电池,内置电路支持过充保护、过放保护、过流保护、短路保护。
- 2. 请使用标配适配器进行充电。

指示灯说明

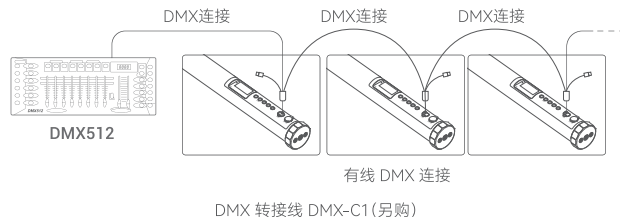


连接DMX控制台

无线DMX连接



有线DMX连接

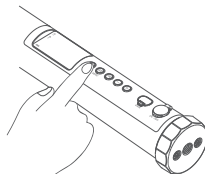


操作说明

1. 开 / 关机

DC 供电 / 内置锂电池供电时, 长按 2s 开关按键, 实现开机或关机。

注: 开启快速开机 (菜单中可设置), DC 供电会自动开机。



2. 模式切换

短按 MOD/MENU 按键可切换至 CCT 色温模式 / HSI 彩光模式 / RGB 模式 / GEL 色片模式 / FX 光效模式。

2.1 CCT 色温模式

切换至 CCT 色温模式, 短按 FN 按键可选亮度调节 / 色温调节 / 红绿调节。
选好选项后, 短按 + 按键增加选项单元值, 短按 - 按键减少选项单元值。

亮度: 0%-100%

色温: 2000K-10000K

红绿调节: -50~+50



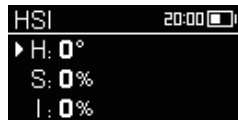
2.2 HSI 彩光模式

切换至 HSI 彩光模式, 短按 FN 按键可选 H (色相) 调节 / S (饱和度) 调节 / I (亮度) 调节。
选好选项后, 短按 + 按键增加选项单元值, 短按 - 按键减少选项单元值。

H (色相): 0°-360°

S (饱和度): 0%-100%

I (亮度): 0%-100%



2.3 RGB 模式

切换至 RGB 模式, 短按 FN 按键可选 R (红光) 调节 / G (绿光) 调节 / B (蓝光) 调节 / W (白光) 调节 / I (亮度) 调节。选好选项后, 短按 + 按键增加选项单元值, 短按 - 按键减少选项单元值。



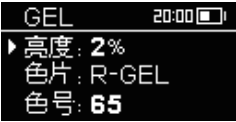
R(红光): 0-255
G(绿光): 0-255
B(蓝光): 0-255
W(白光): 0-255
I(亮度): 0%-100%

2.4 GEL 色片模式

切换至 GEL 色片模式, 短按 FN 按键可选亮度调节 / 色片种类 / 色号 / 色温调节。

选好选项后, 短按 +/- 按键可调节选项参数。

亮度: 0%-100%
色片种类: L-GEL/R-GEL
L-GEL 色号: 30 种
R-GEL 色号: 30 种
色温调节: 3200K、5600K



2.5 FX 光效模式

切换至 FX 光效模式, 短按 FN 按键至光效类型, 短按 +/- 按键切换至所需光效。

选好光效后, 短按 FN 按键可选光效选项, 快速短按两次 FN 按键可返回上一个选项, 短按 +/- 按键可调节选项参数。

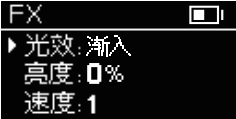
17 类光效, 分别为渐入、流动、追逐、彩光循环、派对、闪光灯、雷闪电、多云、坏灯泡、电视机、蜡烛、火、烟花、爆炸、焊接、警车、SOS。

2.5.1 渐入光效

渐入光效支持亮度可调、速度可调、颜色可调、方向可调。

亮度: 0%-100%
速度: 1-100
颜色长度: 1-8
颜色数量: 1-8
C1-C8 可设置颜色: 3200K、5600K、红、橙、黄、绿、青、蓝、紫、洋红
方向: 向左、向右

注: 进入二级选项后, 短按 MOD/MENU 按键可返回上一级设置。



2.5.2 流动光效

流动光效支持亮度可调、速度可调、颜色可调、方向可调。

亮度: 0%-100%
速度: 1-100
颜色长度: 1-8
颜色数量: 2-8
C1-C8 可设置颜色: 3200K、5600K、红、橙、黄、绿、青、蓝、紫、洋红
方向: 向左、向右

注: 进入二级选项后, 短按 MOD/MENU 按键可返回上一级设置。



2.5.3 追逐光效

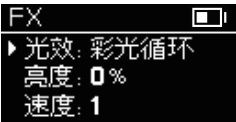
追逐光效支持亮度可调、速度可调、颜色可调、方向可调。

亮度: 0%-100%
速度: 1-100
颜色长度: 1-8
颜色数量: 2-8
C1-C8 可设置颜色: 3200K、5600K、红、橙、黄、绿、青、蓝、紫、洋红
方向: 向左、向右
模式: 渐变、闪烁、静止

注: 进入二级选项后, 短按 MOD/MENU 按键可返回上一级设置。



2.5.4 彩光循环光效



亮度: 0%-100%
速度: 1-100
SAT(饱和度): 0%-100%

2.5.5 派对光效



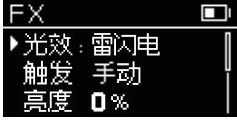
亮度: 0%-100%
速度: 1-100
SAT(饱和度): 0%-100%

2.5.6 闪光灯光效



触发: 手动、自动
亮度: 0%-100%
速度: 1-100 (仅自动可调)
注: 选择手动时,短按一次 + 按键触发一次闪光灯光效。

2.5.7 雷闪电光效



触发: 手动、自动
亮度: 0%-100%
闪烁次数: 随机 /1-10
频率: 随机 /2-20 (仅自动可调)
注: 选择手动时,短按一次 + 按键触发一次雷闪电光效。

2.5.8 多云光效



亮度: 0%-100%
亮暗比例: 30%-90%
速度: 随机 /1-100

2.5.9 坏灯泡光效



颜色: CCT, HSI
色温: 2000K-10000K (仅颜色选择 CCT 时可调)
HUE(色相): 0°-360° (仅颜色选择 HSI 时可调)
亮度: 0%-100%
速度: 随机 /1-100

2.5.10 电视机光效



颜色: CCT, HSI
亮度: 0%-100%
速度: 1-100

2.5.11 蜡烛光效



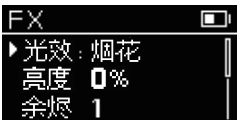
亮度: 0%-100%
速度: 1-100

2.5.12 火光效



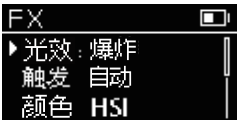
亮度: 0%-100%
速度: 1-100

2.5.13 烟花光效



亮度: 0%-100%
余烬: 1-100
速度: 1-100

2.5.14 爆炸光效



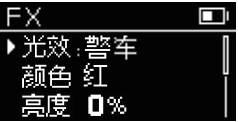
触发: 自动、手动
颜色: CCT, HSI
色温: 2000K-10000K (仅颜色选择 CCT 时可调)
HUE(色相): 0°-360° (仅颜色选择 HSI 时可调)
亮度: 0%-100%
余烬: 1-100
速度: 1-100
注: 选择手动时,短按一次 + 按键触发一次爆炸光效。

2.5.15 焊接光效



颜色: CCT, HSI
色温: 2000K-10000K (仅颜色选择 CCT 时可调)
HUE(色相): 0°-360° (仅颜色选择 HSI 时可调)
亮度: 0%-100%
速度: 1-100

2.5.16 警车光效



颜色: 红 + 蓝、红、蓝、蓝 + 白、蓝 + 黄、黄、红 + 蓝 + 白、红 + 蓝 + 黄
亮度: 0%-100%
模式: 1-5

2.5.17 SOS 光效



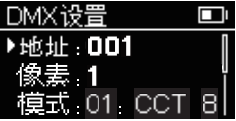
颜色: CCT, HSI
色温: 2000K-10000K (仅颜色选择 CCT 时可调)
HUE(色相): 0°-360° (仅颜色选择 HSI 时可调)
亮度: 0%-100%

3. 菜单设置

长按 MOD/MENU 按键进入菜单。短按 FN 按键可选 DMX 设置 / CRMX 设置 / 设备编号 / 序列设置 / 蓝牙设置 / 调光曲线 / 快速开机 / 屏幕翻转 / 预设管理 / 电量显示 / 过热保护 / 语言设置 / 恢复出厂设置 / 版本与升级。快速短按两次 FN 按键可返回上一个选项。选好选项后, 短按 + 按键可进入界面。
设置完毕, 短按 MOD/MENU 按键可返回上一级。

3.1 DMX 设置

在 DMX 设置界面, 短按 FN 按键可选地址 / 像素 / 模式 / 丢失 / RDM 选项。选好选项后, 短按 -/+ 按键可调节选项参数。



RDM 开启: 可使用控制台设置灯具地址及 DMX 模式。

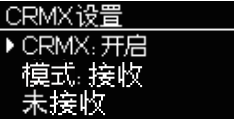
注: 使用 DMX 控制台控制灯具, 可参照 DMX 实用表。请登录官网 <https://www.godox.com.cn> 下载。

3.2 CRMX 设置

在 CRMX 设置界面, 短按 - 按键可关闭 CRMX, 短按 + 按键可开启 CRMX。CRMX 开启时, 先短按 FN 按键至模式, 随后短按 -/+ 按键可选发射模式 / 接收模式。

选择接收模式: 连接成功, CRMX 指示灯呈现长亮绿色。

选择发射模式: 短按 FN 按键可选连接 / 断开连接 / 发射功率选项。短按 + 按键可连接 / 断开连接, 短按 -/+ 按键可调节发射功率。DMX 数据传输时, CRMX 指示灯呈现长亮洋红色。断开连接时, CRMX 指示灯呈现闪烁洋红色。



3.3 设备编号

在设备编号界面, 可设置编号 NO.001-NO.999, 以便实际影视活动。



3.4 序列设置

在序列设置界面, 短按 FN 按键可选像素 / 排序 / 长度选项。选好选项后, 短按 -/+ 按键可调节选项参数。

此功能主要用于多灯拼接, 实现光效从主灯渐入 / 流动 / 追逐到末尾灯具的视觉效果 (此功能仅限渐入 / 流动 / 追逐光效)。



序列使用展示

主灯的 CRMX 模式需设置为发射,其余灯的 CRMX 模式设置为接收。

注：只有主灯需要设置长度。

当灯具像素设置为 1

第一个灯具(主灯)

序列设置
▶ 像素: 1
▶ 排序: 1
▶ 长度: 8

第二个灯具

序列设置
▶ 像素: 1
▶ 排序: 2
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 1
▶ 排序: 8
▶ 长度: 1

排序设置公式: $1*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $1*N+X-1$ (N 代表实际使用的灯具数量)

当灯具像素设置为 2

第一个灯具(主灯)

序列设置
▶ 像素: 2
▶ 排序: 1
▶ 长度: 16

第二个灯具

序列设置
▶ 像素: 2
▶ 排序: 3
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 2
▶ 排序: 15
▶ 长度: 1

排序设置公式: $2*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $2*N+X-1$ (N 代表实际使用的灯具数量)

当灯具像素设置为 4

第一个灯具(主灯)

序列设置
▶ 像素: 4
▶ 排序: 1
▶ 长度: 32

第二个灯具

序列设置
▶ 像素: 4
▶ 排序: 5
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 4
▶ 排序: 29
▶ 长度: 1

排序设置公式: $4*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $4*N+X-1$ (N 代表实际使用的灯具数量)

当灯具像素设置为 8

第一个灯具(主灯)

序列设置
▶ 像素: 8
▶ 排序: 1
▶ 长度: 64

第二个灯具

序列设置
▶ 像素: 8
▶ 排序: 9
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 8
▶ 排序: 57
▶ 长度: 1

排序设置公式: $8*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $8*N+X-1$ (N 代表实际使用的灯具数量)

当灯具像素设置为 16

第一个灯具(主灯)

序列设置
▶ 像素: 16
▶ 排序: 1
▶ 长度: 128

第二个灯具

序列设置
▶ 像素: 16
▶ 排序: 17
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 16
▶ 排序: 113
▶ 长度: 1

排序设置公式: $16*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $16*N+X-1$ (N 代表实际使用的灯具数量)

当灯具像素设置为 32

第一个灯具(主灯)

序列设置
▶ 像素: 32
▶ 排序: 1
▶ 长度: 256

第二个灯具

序列设置
▶ 像素: 32
▶ 排序: 33
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 32
▶ 排序: 225
▶ 长度: 1

排序设置公式: $32*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $32*N+X-1$ (N 代表实际使用的灯具数量)

注：仅像素灯 TP4R/TP8R 可设置像素为 32。

当灯具像素设置为 64

第一个灯具(主灯)

序列设置
▶ 像素: 64
▶ 排序: 1
▶ 长度: 512

第二个灯具

序列设置
▶ 像素: 64
▶ 排序: 65
▶ 长度: 1

尾灯(假设尾灯为第八个灯具)

序列设置
▶ 像素: 64
▶ 排序: 449
▶ 长度: 1

排序设置公式: $64*(M-1)+X$ (X 代表主灯的排序数字, M 代表第几根灯具)

长度设置公式: $64*N+X-1$ (N 代表实际使用的灯具数量)

注：仅像素灯 TP8R 可设置像素 64。

3.5 蓝牙设置

在蓝牙设置界面, 短按 FN 按键可选蓝牙开关 / 重置选项。

选择蓝牙开关: 短按 - 按键可关闭蓝牙, 蓝牙指示灯不亮; 短按 + 按键可开启蓝牙, 蓝牙指示灯呈现长亮蓝色。

选择蓝牙重置: 短按 + 按键即可蓝牙重置, 蓝牙指示灯闪烁, 代表蓝牙重置中。蓝牙指示灯停止闪烁, 表示蓝牙重置完毕。

蓝牙 MAC 码: 位于蓝牙设置界面右下角, 方便快速找到灯具进行配对。

设置完毕, 短按 MOD/MENU 按键可返回上一级。

注: CRMX 无线与蓝牙均采用 2.4G 频段, 为避免相互干扰, 最好不要同时开启。使用蓝牙连接时, 为确保稳定性, 需避开附近 2.4G 发射信号或关闭附近机器的 2.4G 发射信号。

扫描二维码即可下载“Godox Light”手机 APP (安卓和苹果系统都可以使用)。

注: 首个移动设备 (手机或平板电脑) 可直接使用 APP 操控灯体, 更换其他移动设备时, 灯体需进行蓝牙重置方可正常使用 APP, APP 需升级至 V3.0 以上版本。



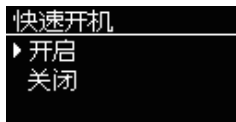
3.6 调光曲线

在调光曲线界面, 短按 FN 按键可选线性 / S 型 / 指数 / 对数选项



3.7 快速开机

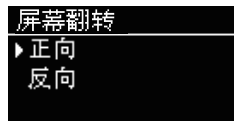
在快速开机设置界面, 短按 FN 按键可选开启 / 关闭选项。



3.8 屏幕翻转

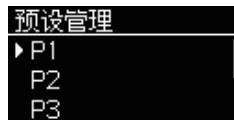
在屏幕翻转设置界面, 短按 FN 按键可选正向 / 反向选项。

屏幕翻转快捷键: 同时按住 FN 按键和 - 按键实现屏幕翻转。



3.9 预设管理

在预设管理设置界面, 短按 FN 按键可选 P1-P20 选项。选好选项后, 短按 + 按键进入某组预设, 短按 FN 按键可选应用 / 保存 / 取消, 短按 + 按键进行确认。应用选项确认后, 自动跳转到已预设光效界面。



注: 快速短按两次 FN 按键可返回上一项。某组预设如未预设过光效, 界面不显示应用选项。

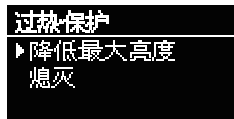
3.10 电量显示

在电量显示界面, 可查看电池电量显示及预计可用时间。



3.11 过热保护

在过热保护设置界面, 短按 FN 按键可选降低最大亮度 / 熄灭。



3.12 语言设置

在语言设置界面, 短按 FN 按键可选中文 / English。设置完毕, 短按 MOD/MENU 按键可返回上一级。



3.13 恢复出厂设置

在恢复出厂设置界面中, 短按 FN 按键可选否 / 是。选择“否”后, 短按 + 按键或 MOD/MENU 按键可返回上一级。选择“是”后, 短按 + 按键恢复出厂设置。恢复出厂完成后, 亮度值变为 100%且自动返回上一级。

3.14 版本与升级

在版本与升级界面可查看灯具固件版本及升级版本提示。

提示内容: 可用 U 盘或蓝牙 APP 升级。

蓝牙升级请进入“Godox Light”APP 查看详细教程。

恢复出厂设置

▶否
是>

版本与升级

可用U盘或蓝牙APP

V1.00

U 盘升级

1. 在官网 (<https://www.godox.com.cn/firmware-continuous-light>) 下载新固件到 U 盘上。
2. 在关机的状态下, 将存有新固件的 U 盘插入 Type-C USB 端口。
3. 开机, 灯体自动进入升级界面。
4. 升级完毕自动跳回主界面。

注: 1. 必须在官网下载新固件, 存放在 U 盘根目录里, 而且仅有一个 BIN 文件。

MENU菜单

一级菜单	二级菜单	二级菜单选项	说明
DMX设置	地址	001-512	起始地址
	像素	1	1位独立像素
		2	2位独立像素
		4	4位独立像素
		8	8位独立像素
		16	16位独立像素
		32 (TP4R/TP8R可设置)	32位独立像素
	模式	CCT 8 bit	8位CCT模式
		HSI 8 bit	8位HSI模式
		RGBW 8 Bit	8位RGBW模式
		RGBWW 8Bit	8位RGBWW模式
		xy 8Bit	8位xy模式
		CCT&HSI 8bit	8位CCT&HSI模式
		CCT&RGBW 8bit	8位CCT&RGBW模式
		CCT&xy 8bit	8位CCT&xy模式
		GEL 8bit	8位GEL模式
		CCT 16 bit	16位CCT模式
		HSI 16 bit	16位HSI模式
		RGBW 16 bit	16位RGBW模式
		RGBWW 16Bit	16位RGBWW模式
		xy 16Bit	16位xy模式
		CCT&HSI 16bit	16位CCT&HSI模式
		CCT&RGBW 16bit	16位CCT&RGBW模式
		CCT&xy 16bit	16位CCT&xy模式
		GEL 16bit	16位GEL模式
		FX 8bit	8位FX模式
		FX 16bit	16位FX模式
		Ultimate 8bit	8位Ultimate模式
		Ultimate 16bit	16位Ultimate模式
	丢失 (DMX丢失状态)	保持	失去DMX控制信号后, 在关机或再次接收有效DMX控制信号前, 灯具保持最后一次接收的DMX控制信号状态
		熄灭	灯具直接熄灭

		保持2分钟	丢失DMX控制信号后,灯具保持最后一次接收的DMX控制信号状态,2分钟后灯具熄灭。 注:如2分钟内接收到有效DMX控制信号,则使用新的DMX控制信号。
	RDM	开启	开启RDM
		关闭	关闭RDM
模式	CRMX	开启	开启CRMX
		关闭	关闭CRMX
	CRMX	发射模式	CRMX开启发射模式
		接收模式	CRMX开启接收模式
	发射功率	12dBm	仅发射模式下可调,发射功率值为12dBm
		16dBm	仅发射模式下可调,发射功率值为16dBm
		20dBm	仅发射模式下可调,发射功率值为20dBm
		22dBm	仅发射模式下可调,发射功率值为22dBm
		24dBm	仅发射模式下可调,发射功率值为24dBm
		26dBm	仅发射模式下可调,发射功率值为26dBm
设备编号	NO.001-NO.999	无	
序列设置	像素	1	详情请查看序列设置章节
		2	
		4	
		8	
		16	
		32 (TP4R/TP8R可设置)	
		64 (仅TP8R可设置)	
	排序	1-1000	多灯拼接且使用渐入/流动/追逐光效时,灯具光效开始地址。
	长度	4-1500	多灯拼接且使用渐入/流动/追逐光效时,灯具光效结束地址。
蓝牙设置	蓝牙	开启	开启蓝牙
		关闭	关闭蓝牙
	重置	蓝牙重置	恢复蓝牙初始设置,蓝牙自动开启
调光曲线	线性	无	
	S型	无	
	指数	无	
	对数	无	
快速开机	开启	无	适配器供电时,自动启动开机
	关闭	无	灯体需长按2s开关按键方可开机

屏幕翻转	正向		
	反向		
预设管理	P1-P20	应用	应用此组预设光效
		保存	保存当前灯具光效
		取消	返回上一级设置
电量显示	显示当前电量 百分比及可用时间	无	电量信息
过热保护	降低最大亮度	无	当灯具过热时,亮度降低
	熄灭	无	当灯具过热时,灯具熄灭
语言设置	中文	无	界面语言为中文
	English	无	界面语言为英语
恢复出厂设置	否	无	取消恢复出厂设置
	是	无	恢复出厂设置
版本与升级	显示灯具固件号及 升级说明(可用U盘 或蓝牙APP升级)	无	灯具信息

照度数据

TP2R

色温	照度单位	1m	2m	3m
2000K	lux	≈237	≈65	≈30.7
	fc	≈22	≈6	≈2.8
2800K	lux	≈340	≈94	≈46
	fc	≈31.6	≈8.7	≈4
3200K	lux	≈349	≈96.5	≈46.9
	fc	≈32.6	≈9	≈4.4
4300K	lux	≈372	≈103	≈49.8
	fc	≈34.5	≈9.5	≈4.6
5600K	lux	≈393	≈109	≈52.7
	fc	≈36.5	≈10.1	≈4.9
6500K	lux	≈403	≈111	≈53.8
	fc	≈37.4	≈10.3	≈5
8500K	lux	≈393	≈109	≈52.6
	fc	≈36.5	≈10.1	≈4
10000K	lux	≈389	≈107	≈52
	fc	≈36.1	≈10	≈4.8

TP4R

色温	照度单位	1m	2m	3m
2000K	lux	≈416	≈129	≈66.4
	fc	≈38.7	≈12	≈6.2
2800K	lux	≈636	≈196	≈99
	fc	≈59.1	≈18.2	≈9.2
3200K	lux	≈649	≈200	≈101
	fc	≈60.3	≈18.6	≈9.4
4300K	lux	≈680	≈210	≈106
	fc	≈63.2	≈19.5	≈9.8
5600K	lux	≈714	≈220	≈111
	fc	≈66.3	≈20.4	≈10.3
6500K	lux	≈728	≈224	≈113
	fc	≈67.6	≈20.8	≈10.5
8500K	lux	≈708	≈218	≈110
	fc	≈65.8	≈20.3	≈10.3
10000K	lux	≈699	≈215	≈109
	fc	≈65	≈20	≈10.1

TP8R

色温	照度单位	1m	2m	3m
2000K	lux	≈598	≈225	≈119
	fc	≈55.6	≈20.9	≈11.1
2800K	lux	≈883	≈335	≈179
	fc	≈82	≈31.1	≈16.6
3200K	lux	≈899	≈341	≈182
	fc	≈83.5	≈31.7	≈16.9
4300K	lux	≈948	≈359	≈191
	fc	≈88.1	≈33.4	≈17.7
5600K	lux	≈994	≈377	≈200
	fc	≈92.3	≈35	≈18.6
6500K	lux	≈1010	≈384	≈204
	fc	≈94.1	≈35.7	≈18.9
8500K	lux	≈986	≈373	≈198
	fc	≈91.6	≈34.7	≈18.4
10000K	lux	≈973	≈368	≈196
	fc	≈90.4	≈34.2	≈18.2

注：以上测试皆在灯体亮度100%下进行，数据为平均数值，非绝对值

规格参数

型号	TP2R	TP4R
DC 输入	20V  1.3A	20V  2.35A
输入功率	≈26W	≈47W
锂电池	14.4V 3000mAh	14.4V 6000mAh
供电方式	DC供电/锂电池供电/V口电池供电 注：需使用14.8V或26V 100Wh以上的V口电池 (另购)	
续航 (灯体处于100%亮度)	约120分钟	
充电时间	约120分钟	约150分钟
防水等级	IP65	
平均TLCI	≥96	
平均CRI	≥96	
色温范围	2000K-10000K	
模式	5种：CCT色温模式、HSI模式、RGB模式、GEL色片模式、FX光效模式	
FX光效	17类	
控制方式	DMX512控制、蓝牙APP控制、CRMX控制、灯体控制、RDM控制	
蓝牙控制距离	最远30m	
无线DMX控制距离	最远150m	
工作环境温度	-10°C~40°C	
尺寸	47mm*47mm*600mm	47mm*47mm*1200mm
净重≈	0.84kg	1.5kg

规格和参数如有变更，恕不另行通知。

型号	TP8R
DC输入	20V $\approx$ 4.15A
输入功率	$\approx$ 83W
锂电池	14.4V/12000mAh
供电方式	DC供电/锂电池供电/V口电池供电 注：需使用14.8V或26V 100Wh以上的V口电池(另购)
续航(灯体处于100%亮度)	约140分钟
充电时间	约180分钟
防水等级	IP65
平均TLCI	$\geq$ 96
平均CRI	$\geq$ 96
色温范围	2000K-10000K
模式	5种:CCT色温模式、HSI模式、RGB模式、GEL色片模式、FX光效模式
FX光效	17类
控制方式	DMX512控制、蓝牙APP控制、CRMX控制、RDM控制、灯体控制
蓝牙控制距离	最远30m
无线DMX控制距离	最远100m
工作环境温度	-10°C~40°C
尺寸	47mm*47mm*2300mm
净重 $\approx$	2.94kg

规格和参数如有变更，恕不另行通知。

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:

1. Before use, please read and understand these instructions and attentions.
2. 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.
3. This lighting product is not ordinary lighting product and cannot be used for general lighting. Anyone who has suffered eye damage or has sensitive eyes should avoid using this product.
4. When the lamp is on, it must be used with care. Do not touch high-temperature parts, such as LED lamp beads, to avoid burns.
5. When the lamp is on, it is forbidden to look directly at the lamp beads under any 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.
6. If the lamp bead is damaged or deformed by heat, stop using this equipment, and contact the manufacturer, service agent or qualified maintenance personnel to replace the lamp bead in time to avoid accidents.
7. This product is only suitable for use in -10°C to 40°C operating environment and normal humidity environment.
8. Do not use damaged equipment or accessories, and wait for professional maintenance personnel to check and repair to confirm being normal before use.
9. During using, if the casing of this product is broken due to being dropped, squeezed or subjected to strong impact, please do not use it, so as to avoid electric shock injury due to contact with internal electronic components.
10. If an extension cord is required, please use an extension cord with a current rating greater than or equal to that of the equipment. If an extension cord is rated less than the equipment, overheating may result.
11. Some products have long power cords, please place the power cords properly and 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. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
14. 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.
15. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
16. Do not use accessories that are not recommended by our factory to avoid fire, electric shock or personal injury.
17. 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.
18. Please take off the protective cover before using.
19. This product complies with ROHS, CE and FCC certification, please refer to the relevant national standards for use and operation.
20. 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.
21. 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.
22. 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.
23. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc. are not covered by this warranty.
24. 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.
25. Machine failures caused by non-standard operation are not covered by the warranty.

keep these instructions!

Foreword

Thank you for purchasing!

TP2R, TP4R and TP8R are the latest RGBWW tube lights feature various powerful characteristics such as convenient usage, waterproof grade of IP65, built-in lithium battery, 3/8" screw holes on both sides, five effect modes (CCT mode, HSI mode, GEL mode and FX mode), support Bluetooth/ DMX512/wireless CRMX/RDM control. This tube light is suitable for professional film and television shooting activities, studio shooting, etc.

Main Features

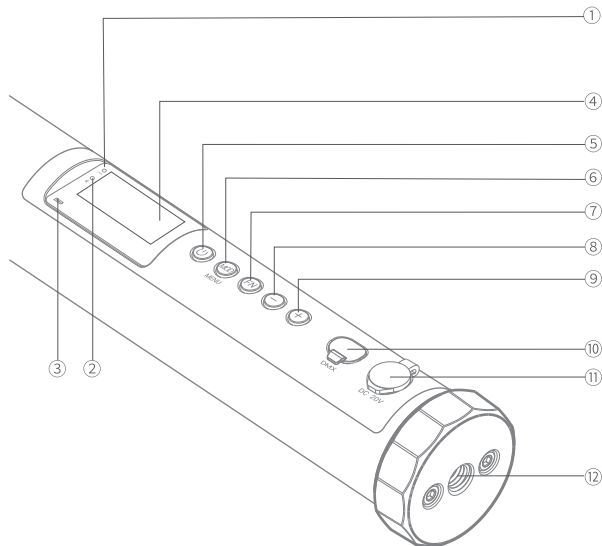
- Four dimming curves: linear, S-curve, exponential and logarithmic.
- Wide CCT range freely adjustable from 2000K to 10000K.
- TP2R has built-in 43.2Wh lithium battery which provides working time about 120min in 100% brightness.
- TP4R has built-in 86.4Wh lithium battery which provides working time about 120min in 100% brightness.
- TP8R has built-in 172.8Wh lithium battery which provides working time about 140min in 100% brightness.
- TP2R: 16 individually controllable pixels, TP4R: 32 individually controllable pixels, TP8R: 64 individually controllable pixels.
- Super high color rendering index: average CRI≥96, average TLCI≥96.
- Multiple smart control methods: DMX 512/wireless CRMX/Bluetooth APP/light body/RDM control.
- Protection grade of IP65 keeps the light from dust and water.
- 17 FX modes: RGB fade, RGB flow, RGB chase, RGB cycle, party, flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, cop car, SOS.
- Smart battery level indication gives convenient information.

⚠ Warnings

- ⚠ Do not look directly at the tube light, visual impairment may occur.
- ⚠ Do not look at the LED light with a magnifying glass or other optical instrument that may concentrate light output.
- ⚠ Do not operate this device in a high temperature environment or under direct sunlight, otherwise abnormalities or damages may occur.
- ⚠ Do not store lights when the battery runs out. Please make sure the light has power before storage.
- ⚠ If the battery runs out, please charge it immediately.
- ⚠ Do not charge it unattended.
- ⚠ Avoid collisions or falls, which may cause fires or explosions.
- ⚠ Do not turn on the electricity if the light is damaged, and be careful of electric shock.

Name of Parts

Light Body



1. CRMX Indicator
2. Bluetooth Indicator
3. Battery Level Indicator
4. Display
5. Power Switch Button
6. MOD/MENU Button

7. FN Button
8. - Button
9. + Button
10. DMX Port
11. DC Input Port
12. 3/8" Screw Hole

Display

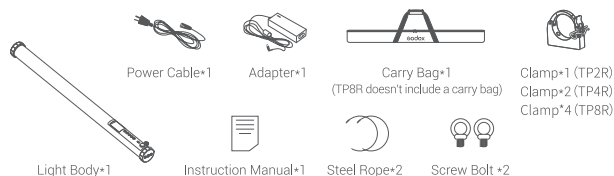


When  icon is on the display, it means DC power supply.



When  icon is on the display, it means lithium battery power supply.

What's Inside (TP2R/TP4R/TP8R)



Note: Due to continuous updates and upgrades of the products, there may be differences between the actual products and the pictures. Therefore, the pictures are for reference only, products to prevail in kind.

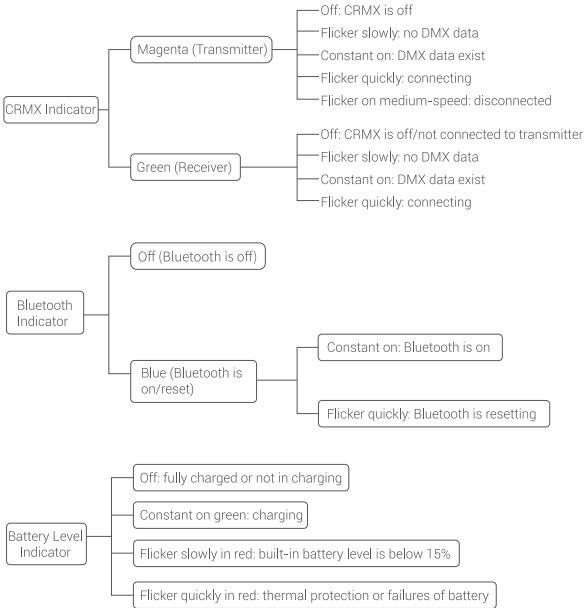
Separately Sold Accessories

Power Box TP-P600, Multi-tube Light Connector (Two Joints) TP-M2, Two-light Bracket Kit TP-B2, Four-light Bracket Kit TP-B4, Eight-light Bracket Kit TP-B8, Softbox TP-S2, Air Soft Tube TP-S2A, DMX Connector Cable DMX-C1, Floor Stand TP-FS60

Battery

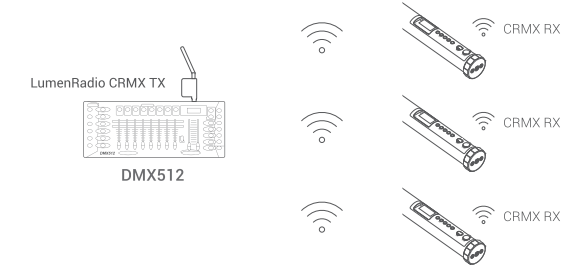
1. This product has built-in lithium battery. The inner circuit is against overcharge, over-discharge, over current, and short circuit.
2. Please use the standard adapter for charging.

Indicators Description

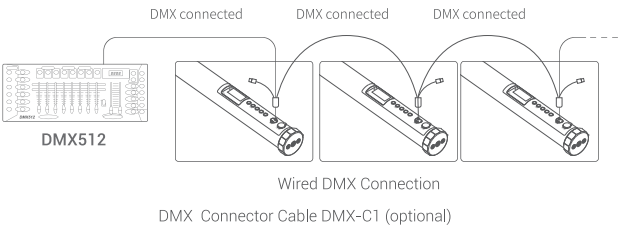


Connect to DMX Controller

Wireless DMX Connection



Wired DMX Connection

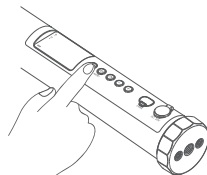


Operation Instruction

1. Power Switch

Long press the power switch button for 2s to turn on or off the device.

Note: The device will be turned on automatically in DC power supply if the quick start function is turned on (available in menu setting).



2. Mode Settings

Short press the MOD/MENU button to switch among CCT mode, HSI mode, RGB mode, GEL mode and FX mode.

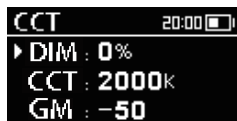
2.1 CCT Mode

Short press the FN button in CCT mode to adjust DIM/CCT/GM, press + button to increase value while press – button to decrease value.

DIM: 0%-100%

CCT: 2000K-10000K

GM: -50~+50



2.2 HSI Mode

Short press the FN button in HSI mode to adjust H (HUE)/S (saturation)/I (intensity), press + button to increase value while press – button to decrease value.

H (HUE): 0°-360°

S (saturation): 0%-100%

I (intensity): 0%-100%



2.3 RGB Mode

Short press the FN button in RGB mode to adjust R (red)/G (green)/B (blue)/W (white)/I (intensity), press + button to increase value while press – button to decrease value.

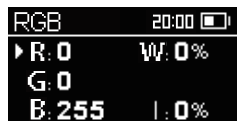
R (red): 0-255

G (green): 0-255

B (blue): 0-255

W (white): 0-255

I (intensity): 0%-100%



2.4 GEL Mode

Short press the FN button in GEL mode to adjust DIM/GEL/Num/CCT, press + button to increase value while press – button to decrease value.

DIM: 0%-100%

GEL: L-GEL, R-GEL

L-GELNum: 30

R-GEL Num: 30

CCT: 3200K, 5600K



2.5 FX Mode

Short press the +/- button in FX mode to select the desired effect, then short press the FN button to select an effect setting, press +/- button to adjust the setting. Short press the FN button for 2s can return to the previous option.

There are 17 effects for choice: RGB fade, RGB flow, RGB chase, RGB cycle, party, flash, lightning, cloudy, broken bulb, TV, candle, fire, fireworks, explosion, welding, cop car, SOS.

2.5.1 RGB fade

RGB fade effect supports adjustable DIM, speed, color and direction.

DIM: 0%-100%

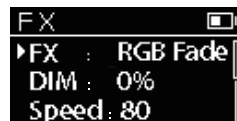
Speed: 1-100

Color Width: 1-8

Color Num: 1-8

Available colors of C1 to C8: 3200K, 5600K, Red, Orange, Yellow, Green, Cyan, Blue, Purple, Magenta

DIR: L (left)/R (right)



Note: Short press the MOD/MENU button in secondary option can return to the previous menu.

2.5.2 RGB Flow

RGB flow effect supports adjustable DIM, speed, color and direction.

DIM: 0%-100%

Speed: 1-100

Color Width: 1-8

Color Num: 2-8

Available colors of C1 to C8: 3200K, 5600K, Red, Orange, Yellow, Green, Cyan, Blue, Purple, Magenta

DIR: L (left)/R (right)



Note: Short press the MOD/MENU button in secondary option can return to the previous menu.

2.5.3 RGB Chase

RGB chase effect supports adjustable DIM, speed, color and direction.

DIM: 0%-100%

Speed: 1-100

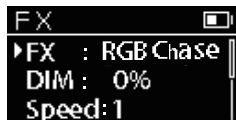
Color Width: 1-8

Color Num: 2-8

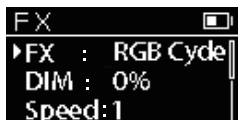
Available colors of C1 to C8: 3200K, 5600K, Red, Orange, Yellow, Green, Cyan, Blue, Purple, Magenta

DIR: L (left)/R (right)

Note: Short press the MOD/MENU button in secondary option can return to the previous menu.



2.5.4 RGB Cycle



DIM: 0%-100%

Speed: 1-100

SAT (saturation): 0%-100%

2.5.5 Party

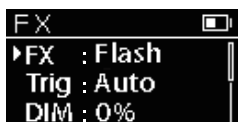


DIM: 0%-100%

Speed: 1-100

SAT (saturation): 0%-100%

2.5.6 Flash



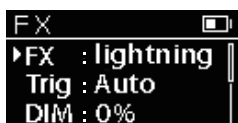
Trig: Auto, Manual

DIM: 0%-100%

Speed: 1-100 (only adjustable in auto mode)

Note: Short press + button once to trigger flash once in manual mode.

2.5.7 Lightning



Trig: Auto, Manual

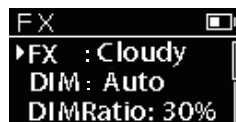
DIM: 0%-100%

Blinks: Rnd/1-10

Freq: Rnd/2-20 (only adjustable in auto mode)

Note: Short press + button once to trigger lightning once in manual mode.

2.5.8 Cloudy



DIM: 0%-100%

DIM Ratio: 30%-90%

Speed: Rnd/1-100

2.5.9 Broken Bulb



Color: CCT, HSI

CCT: 2000K-10000K (only adjustable in CCT mode)

HUE: 0°-360° (only adjustable in HSI mode)

DIM: 0%-100%

Speed: Rnd/1-100

2.5.10 TV

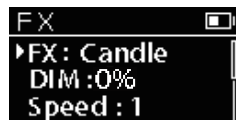


Color: CCT, HSI

DIM: 0%-100%

Speed: 1-100

2.5.11 Candle



DIM: 0%-100%

Speed: 1-100

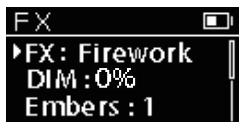
2.5.12 Fire



DIM: 0%-100%

Speed: 1-100

2.5.13 Firework



DIM: 0%-100%
Embers: 1-100
Speed: 1-100

2.5.14 Explosion



Note: Short press + button once to trigger explosion once in manual mode.

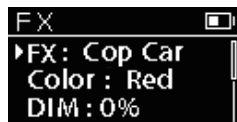
Trig: Auto, Manual
Color: CCT, HSI
CCT: 2000K-10000K (only adjustable in CCT mode)
HUE: 0°-360° (only adjustable in HSI mode)
DIM: 0%-100%
Embers: 1-100
Speed: 1-100 (only adjustable in auto mode)

2.5.15 Welding



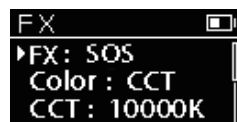
Color: CCT, HSI
CCT: 2000K-10000K (only adjustable in CCT mode)
HUE: 0°-360° (only adjustable in HSI mode)
DIM: 0%-100%
Speed: 1-100

2.5.16 Cop Car



Color: R&B, Red, Blue, B&W, B&Y, Yellow, R&B&W, R&B&Y
DIM: 0%-100%
MOD: 1-5

2.5.17 SOS



Color: CCT, HSI
CCT: 2000K-10000K (only adjustable in CCT mode)
HUE: 0°-360° (only adjustable in HSI mode)
DIM: 0%-100%

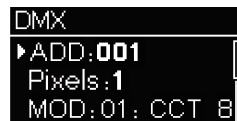
3. Setting

Long press the MOD/MENU button to enter Setting, short press the FN button to select DMX/CRMX/Fixture NO./Ordering/Bluetooth/Dimming Curve/Quick Start/Rotate Screen/Preset/Battery/Overheat PROT/Language/Factory Reset/Version (short press FN button twice can return to previous option), short press the + button to enter the desired setting, after which short press the MOD/MENU button can return to previous setting.

3.1 DMX

Short press the FN button to select ADD/Pixels/MOD/Loss/RDM in DMX settings interface, then short press -/+ button to adjust the settings.

RDM on: The luminaire ADD and DMX mode are operational via controller.



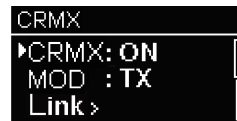
Note: Please refer to the DMX Practical Table to control the device by DMX, the electronic versions of which can be downloaded from the official website <https://www.godox.com>.

3.2 CRMX

Short press the - button can turn off CRMX while short press the + button can turn on CRMX. When the CRMX is turned on, short press the FN button to MOD, then short press the -/+ button to select TX/RX mode.

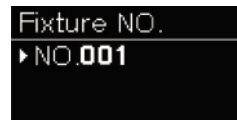
RX mode: CRMX indicator will be constant on green when linked.

TX mode: Short press the FN button to select Link/Unlink/Power. Short press the + button to link or unlink. Short press the -/+ button to adjust power. CRMX indicator will be constant on magenta when transmitting DMX data, and blink magenta when unlinked.



3.3 Fixture NO.

The number of fixture can be adjusted from NO.001 to NO.999 in the fixture NO. interface.



3.4 Ordering

Short press the FN button to select Pixels/Order/Length, short press the +/- button can adjust the desired setting.

Ordering function is suitable for combining multi luminaires to realize effects transit from

the main luminaire (the one set as TX mode) to last luminaire in RGB fade, RGB flow and RGB chase modes.

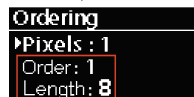
Ordering Illustration

The CRMX mode of main luminaire should be set as transmitter, while the CRMX mode of other luminaires should be set as receiver.

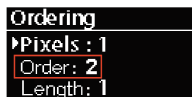
Note: Only the main luminaire needs to set the length.



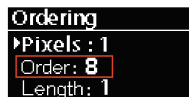
When the pixel is 1



First luminaire (main luminaire)



Second luminaire

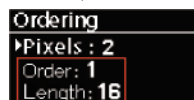


Last luminaire (assume it's the eighth luminaire)

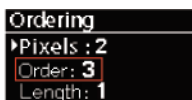
The Order calculation formula: $1 * (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $1 * N + X - 1$ (N means numbers of luminaire used in practical)

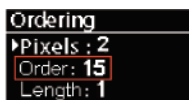
When the pixel is 2



First luminaire (main luminaire)



Second luminaire

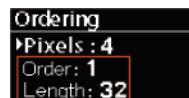


Last luminaire (assume it's the eighth luminaire)

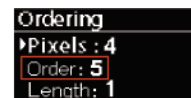
The Order calculation formula: $2 * (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $2 * N + X - 1$ (N means numbers of luminaire used in practical)

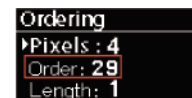
When the pixel is 4



First luminaire (main luminaire)



Second luminaire

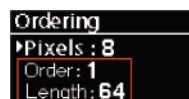


Last luminaire (assume it's the eighth luminaire)

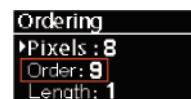
The Order calculation formula: $4 * (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $4 * N + X - 1$ (N means numbers of luminaire used in practical)

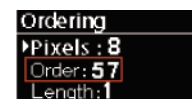
When the pixel is 8



First luminaire (main luminaire)



Second luminaire

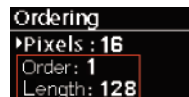


Last luminaire (assume it's the eighth luminaire)

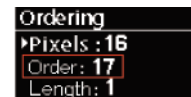
The Order calculation formula: $8 * (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $8 * N + X - 1$ (N means numbers of luminaire used in practical)

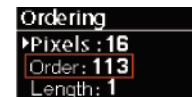
When the pixel is 16



First luminaire (main luminaire)



Second luminaire

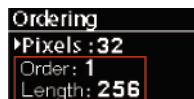


Last luminaire (assume it's the eighth luminaire)

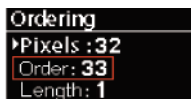
The Order calculation formula: $16 * (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $16 * N + X - 1$ (N means numbers of luminaire used in practical)

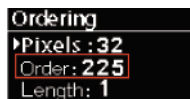
When the pixel is 32



First luminaire (main luminaire)



Second luminaire



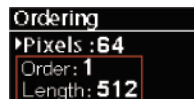
Last luminaire (assume it's the eighth luminaire)

The Order calculation formula: $32 \cdot (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

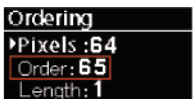
The Length calculation formula: $32 \cdot N + X - 1$ (N means numbers of luminaire used in practical)

Note: Only pixel of TP4R/TP8R can be set to 32.

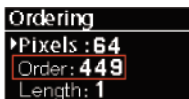
When the pixel is 64



First luminaire (main luminaire)



Second luminaire



Last luminaire (assume it's the eighth luminaire)

The Order calculation formula: $64 \cdot (M-1) + X$ (X means order of main luminaire, M means the NO. of luminaire)

The Length calculation formula: $64 \cdot N + X - 1$ (N means numbers of luminaire used in practical)

Note: Only pixel of TP8R can be set to 64.

3.5 Bluetooth

Short press FN button to select BT (Bluetooth switch)/Reset.

BT (Bluetooth switch): Short press the - button to turn off the Bluetooth and the Bluetooth indicator will be off, Short press the + button to turn on the Bluetooth and the Bluetooth indicator will be constant on blue.

Reset: Short press the + button to reset the Bluetooth, and the Bluetooth indicator will blink when resetting and stop blinking after successfully reset.



Bluetooth MAC code is on the lower right corner of Bluetooth interface for matching with other luminaires, after which short press the MOD/MENU button can return to the previous setting.

Scan the QR code to download the "Godox Light" smartphone APP (can be used in Android and iOS).

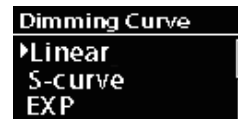


Note: The APP can be used directly on the firstly installed device (smartphone or iPad). When change to other mobile device (smartphone or iPad), the light shall be reset before the normal connection of APP. The APP should be upgraded to version 3.0 or above.

Note: CRMX wireless and Bluetooth both use 2.4G frequency, so it's recommended not to turn on at the same time to avoid disturbance. Please avoid or turn off the 2.4G transmitting signal nearby for the sake of stability when using Bluetooth.

3.6 Dimming Curve

Short press the FN button to select Linear/S-curve/Exp/Log in dimming curve interface.



3.7 Quick Start

Short press the FN button to turn on/off the quick start function.



3.8 Rotate Screen

Short press the FN button to select upward/downward in rotate screen interface. Press the FN and - button at the same time can rotate screen quickly.



3.9 Preset

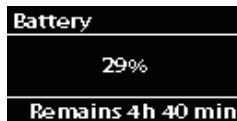
Short press the FN button to select from P1 to P20 in preset interface. Short press the + button to enter the desired preset, then short press the FN button to select Apply/Save/Cancel, and short press the + button to confirm. If you select apply, it will go to the preset effect interface.

Note: Short press the FN button twice can return to the previous setting. There will be no "Apply" option if no effect is set in the Preset.



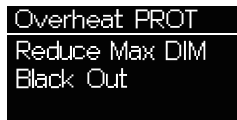
3.10 Battery

The battery level and estimated working time is displayed in the battery interface.



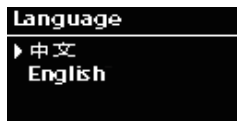
3.11 Overheat PROT

Short press the FN button to select reduce max DIM or black out.



3.12 Language

Short press the FN button to choose Chinese or English in the language interface, after which short press the MOD/MENU button can return to the previous setting.



3.13 Factory Reset

Short press the FN button to choose No or Yes in the factory reset interface. If you choose "No", short press the + button or MOD/MENU button can return to the previous setting. If you choose "Yes", short press the + button can restore to factory setting, after which it will turn to 100% brightness and return to the previous setting.



3.14 Version

The firmware version and upgrade information are displayed on the Version interface. For Bluetooth upgrade, please refer to the detailed tutorial of "Godox Light" APP.



Upgrade via USB disk

1. Download the new firmware to the USB disk from official website(<https://www.godox-.com/firmware-continuous-light>).
2. Turn off the device. Insert the USB disk with new firmware into the Type-C USB port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return to main interface after completion.

Notes:1. New firmware must be downloaded from the official website, and keep only one BIN file in the root directory of the USB disk.

Setting Instruction

First setting	Secondary setting	Option in secondary setting	Instruction
DMX	ADD	001-512	Initial address
		1	1 Pixel
		2	2 Pixels
		4	4 Pixels
		8	8 Pixels
		16	16 Pixels
		32 (only available for TP4R/TP8R)	32 Pixels
	MOD	CCT 8 bit	CCT 8 bit
		HSI 8 bit	HSI 8 bit
		RGBW 8 Bit	RGBW 8 Bit
		RGBWW 8Bit	RGBWW 8Bit
		xy 8Bit	xy 8Bit
		CCT&HSI 8bit	CCT&HSI 8bit
		CCT&RGBW 8bit	CCT&RGBW 8bit
		CCT&xy 8bit	CCT&xy 8bit
		GEL 8bit	GEL 8bit
		CCT 16 bit	CCT 16 bit
		HSI 16 bit	HSI 16 bit
		RGBW 16 bit	RGBW 16 bit
		RGBWW 16Bit	RGBWW 16Bit
		xy 16Bit	xy 16Bit
		CCT&HSI 16bit	CCT&HSI 16bit
		CCT&RGBW 16bit	CCT&RGBW 16bit
		CCT&xy 16bit	CCT&xy 16bit
		GEL 16bit	GEL 16bit
		FX 8bit	FX 8bit
		FX 16bit	FX 16bit
		Ultimate 8bit	Ultimate 8bit
		Ultimate 16bit	Ultimate 16bit
	Loss(DMX Loss Status)	Hold	After the DMX control signal is lost, continue to use the last received DMX control signal until power down or a valid DMX control signal is received again.
		Black Out	The light is off immediately.

		Hold 2 min	After the DMX control signal is lost, continue to use the last received DMX control signal for 2 minutes then black out. Note: If a valid DMX control signal is received within 2 minutes, then use the new DMX control signal.
	RDM	ON	Turn on RDM
		OFF	Turn off RDM
CRMX	CRMX	ON	Turn on CRMX
		OFF	Turn off CRMX
	MOD	TX	CRMX is in TX mode
		RX	CRMX is in RX mode
	Power	12dBm	Output power value = 12dBm (only adjustable in transmitter mode)
		16dBm	Output power value = 16dBm (only adjustable in transmitter mode)
		20dBm	Output power value = 20dBm (only adjustable in transmitter mode)
		22dBm	Output power value = 22dBm (only adjustable in transmitter mode)
		24dBm	Output power value = 24dBm (only adjustable in transmitter mode)
		26dBm	Output power value = 26dBm (only adjustable in transmitter mode)
Fixture NO.	NO.001 -NO.999	/	
Ordering	Pixels	1	Please refer to the chapter "Ordering".
		2	
		4	
		8	
		16	
		32 (only available for TP4R/TP8R)	
		64 (only available for TP8R)	
	Order	1-1000	The initial addresses of multi-lights combined in RGB fade/RGB flow/ RGB chase mode.
	Length	4-1500	The final addresses of multi-lights combined in RGB fade/RGB flow/ RGB chase mode.

Bluetooth	BT	ON	Turn on the Bluetooth
		OFF	Turn off the Bluetooth
	Reset	Reset the Bluetooth	Reset the Bluetooth to factory setting and it will turn on automatically.
Dimming Curve	Linear	/	
	S-curve	/	
	Exp	/	
	Log	/	
Quick Start	ON	/	The device will automatically boot up when in adapter power supply.
	OFF	/	Long press the device for 2s to boot up.
Rotate Screen	Upward	/	Easy for viewing
	Downward	/	
Preset	P1-P20	Apply	Apply the preset
		Save	Save the preset
		Cancel	Return to previous setting
Battery	Battery level and estimated working time	/	Battery information
Overheat PROT	Reduce Max DIM	/	Reduce the brightness when overheating
	Black Out	/	Turn off the light when overheating
Language	Chinese	/	The language is Chinese
	English	/	The language is English
Factory Reset	No	/	Cancel factory reset
	Yes	/	Restore to factory setting
Version	Firmware version and upgrade information (Upgrade via USB or APP)	/	Device information

Illuminance Data

TP2R

CCT	Unit	1m	2m	3m
2000K	lux	≈237	≈65	≈30.7
	fc	≈22	≈6	≈2.8
2800K	lux	≈340	≈94	≈46
	fc	≈31.6	≈8.7	≈4
3200K	lux	≈349	≈96.5	≈46.9
	fc	≈32.6	≈9	≈4.4
4300K	lux	≈372	≈103	≈49.8
	fc	≈34.5	≈9.5	≈4.6
5600K	lux	≈393	≈109	≈52.7
	fc	≈36.5	≈10.1	≈4.9
6500K	lux	≈403	≈111	≈53.8
	fc	≈37.4	≈10.3	≈5
8500K	lux	≈393	≈109	≈52.6
	fc	≈36.5	≈10.1	≈4
10000K	lux	≈389	≈107	≈52
	fc	≈36.1	≈10	≈4.8

TP4R

CCT	Unit	1m	2m	3m
2000K	lux	≈416	≈129	≈66.4
	fc	≈38.7	≈12	≈6.2
2800K	lux	≈636	≈196	≈99
	fc	≈59.1	≈18.2	≈9.2
3200K	lux	≈649	≈200	≈101
	fc	≈60.3	≈18.6	≈9.4
4300K	lux	≈680	≈210	≈106
	fc	≈63.2	≈19.5	≈9.8
5600K	lux	≈714	≈220	≈111
	fc	≈66.3	≈20.4	≈10.3

6500K	lux	≈728	≈224	≈113
	fc	≈67.6	≈20.8	≈10.5
8500K	lux	≈708	≈218	≈110
	fc	≈65.8	≈20.3	≈10.3
10000K	lux	≈699	≈215	≈109
	fc	≈65	≈20	≈10.1

TP8R

CCT	Unit	1m	2m	3m
2000K	lux	≈598	≈225	≈119
	fc	≈55.6	≈20.9	≈11.1
2800K	lux	≈883	≈335	≈179
	fc	≈82	≈31.1	≈16.6
3200K	lux	≈899	≈341	≈182
	fc	≈83.5	≈31.7	≈16.9
4300K	lux	≈948	≈359	≈191
	fc	≈88.1	≈33.4	≈17.7
5600K	lux	≈994	≈377	≈200
	fc	≈92.3	≈35	≈18.6
6500K	lux	≈1010	≈384	≈204
	fc	≈94.1	≈35.7	≈18.9
8500K	lux	≈986	≈373	≈198
	fc	≈91.6	≈34.7	≈18.4
10000K	lux	≈973	≈368	≈196
	fc	≈90.4	≈34.2	≈18.2

Note: All the above tests are based on the condition of 100% brightness. The results are average values instead of absolute values.

Technical Data

Model	TP2R	TP4R
DC Inputs	20V  1.3A	20V  2.35A
Input Power	≈26W	≈47W
Lithium Battery	14.4V 3000mAh	14.4V 6000mAh
Power Supplies	DC/lithium battery/V-mount battery power supply Note: V-mount battery should be 14.8V or 26V 100Wh above (sold separately).	
Battery Life(in 100% brightness)	Approx. 120min	
Charging Time	Approx. 120min	Approx. 150min
Waterproof Grade	IP65	
Average TLCI	≥96	
Average CRI	≥96	
CCT Range	2000K-10000K	
Mode	5 modes: CCT mode, HSI mode, RGB mode, GEL mode, FX mode	
FX Types	17	
Controlling Methods	DMX512 control, Bluetooth APP control, CRMX control, Light body control, RDM control	
Bluetooth Controlling Distance	Max. 30m	
Wireless Controlling Distance	Max. 150m	
Working Environment Temperature	-10℃~40℃	
Dimension	47mm*47mm*600mm	47mm*47mm*1200mm
Net Weight≈	0.84kg	1.5kg

Specifications and data may subject to changes without notice.

Model	TP8R
DC Inputs	20V  4.15A
Input Power	≈83W
Lithium Battery	14.4V/12000mAh
Power Supply	DC Power Supply/Lithium Battery Power Supply /V-mount Battery Power Supply <i>Note: The V-mount battery should be 14.8V or 26V 100Wh above and sold separately.</i>
Battery Life (in 100% brightness)	Approx. 140min
Charging Time	Approx. 180min
Waterproof Grade	IP65
Average TLCI	≥96
Average CRI	≥96
CCT Range	2000K-10000K
Modes	5 modes: CCT mode, HSI mode, RGB mode, GEL mode, FX mode
FX Types	17
Controlling Methods	DMX512 control, Bluetooth APP control, CRMX control, RDM Control, Light body control
Bluetooth Controlling Distance	Max. 30m
Wireless DMX Controlling Distance	Max. 100m
Working Environment Temperature	-10℃~40℃
Dimension	47mm*47mm*2300mm
Net Weight≈	2.94kg

Specifications and data may subject to changes without notice.

Warning

Operating frequency:2402MHz - 2480MHz(2.4G)/2402MHz – 2480MHz(BT)
TP2R Maximum EIRP Power: 4.58dBm(2.4G)/3.88dBm(BT)
TP4R Maximum EIRP Power: 8.63dBm(2.4G)/8.23dBm(BT)
TP8R Maximum EIRP Power: 5dBm(2.4G)/5dBm(BT)

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.

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.

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
	通信地址	
销售商 信息	名称	
	联系电话	
	通信地址	
	销售日期	
备注		

注：此表应由销售商盖章确认。

适用产品

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除去；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
	充电器等带电性能的部件。	12	客户送修
其他	如外壳、保护罩、锁紧装置、包装等。	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 on the 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, etc.	12	Customer sends the product to designated site
Other Items	Lamp body, lamp cover, locking device package, etc.	NO	Without warranty

Godox After-sale Service Call 0755-29609320-8062