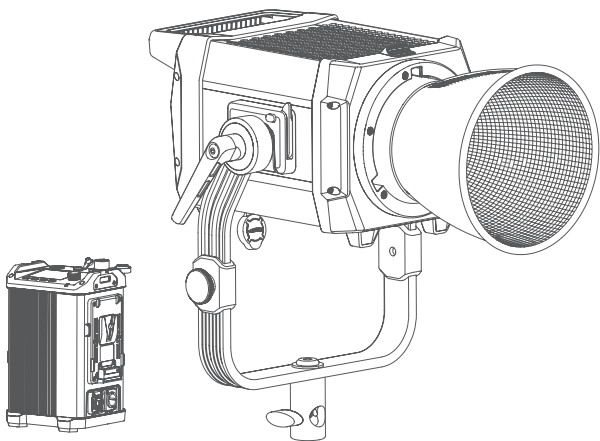


Godox



KNOWLED M300R

诺力全彩 LED 影视灯
KNOWLED Full-color LED Light

使用手册
Instruction Manual

V1.0 说明书 / Instruction Manual

V1.00 固件 / Firmware

重要的安全说明及注意事项

Godox 品牌 LED 摄影灯为专业设备,特别是大功率输出的摄影灯,仅限具备资质的技术人员操作。使用前请务必完整阅读并理解产品说明书,严格遵循安全操作指南。未按规定操作可能导致以下风险:人身伤亡、设备损坏或财产损失。



- 本产品为摄影灯具,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。
- 本产品并非普通照明灯具,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。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,及时就医。
- 高压电(交流电)供电的产品,使用带有接地保护装置的插座进行供电。
- 灯具点亮时,必须小心使用,禁止接触高温部件,如 LED 灯珠,避免造成灼伤。
- 禁止使用损坏的产品。产品在使用过程中,因跌落、受到挤压或遭受强烈冲击而造成外壳破裂,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。
- 为避免火灾、电击或人身伤害危险,请仅使用生产商推荐的附件。如需使用延长线,请使用原厂延长线或者制造商推荐的延长线(额定电流 $\geq$ 该产品额定电流的延长线)。如延长线额定电流小于该产品,可能造成火灾、电击、其他严重的人身伤害危险或财产损失。
- 只能使用完好无损的接地连接电缆或制造商明确确认可用于供电产品运行的接地延长电缆。损坏或扭曲的连接电缆必须立即更换!产品输入电源线较长,请合理放置电源线,使其处于安全位置,避免电源线接触到过热物体、避免放置不当导致拉扯损坏或绊倒现场人员。
- 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。如灯珠损坏或因热变形,应停止使用,并及时联系制造商、服务代理商维修灯珠,以免发生意外。
- 请勿在易爆环境中(酒精、汽油等易燃挥发性溶剂或甲烷、乙烷等气体附近)使用和存放本产品。
- 产品在运行期间和运行后,灯头与用户、其他人员、热敏和可燃材料之间的距离必须随时保持至少 1 米以上。
- 在清洁和维修产品时,请先关机,再从电源插座上拔下该产品的电源线插头。不使用时,禁止拉扯电源线以将产品的电源线插头从电源插座中拔出。应是用手抓住产品的电源线插头两端,将插头从电源插座中拔出。



警告

- 不能阻挡、覆盖产品散热口。
 - 使用后，产品完全冷切后才能包装。
 - 部分产品使用电池供电：
1. 请勿使用说明书中未指定的任何电池、电源或附件；
 2. 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；
 3. 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；
 4. 请勿使用任何变形或改造过的电池；
 5. 请勿拆卸或改造本产品或电池；
 6. 请勿加热电池或焊接电池；
 7. 请勿让电池与火或水接触；
 8. 请勿让电池受到强烈的外力撞击；
 9. 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。



小心

- 使用产品前，必须拆除所有运输包装材料和保护装置；
- 不使用产品时，请及时关机和停止供电；
- 请务必经常清洁灯珠玻璃并使其保持干净，玻璃如粘上蚊虫尸体或深色有机物污渍，可能引起玻璃炸裂。清洁本产品时，请勿用湿布擦拭，请用干燥的软布擦拭产品污垢。
- 安全说明依据本厂严格测试制定，产品设计和规格如有变更，恕不另行通知。客户可以登录神牛官网查看最新的电子版说明，了解产品最新资讯。



请勿直视光源

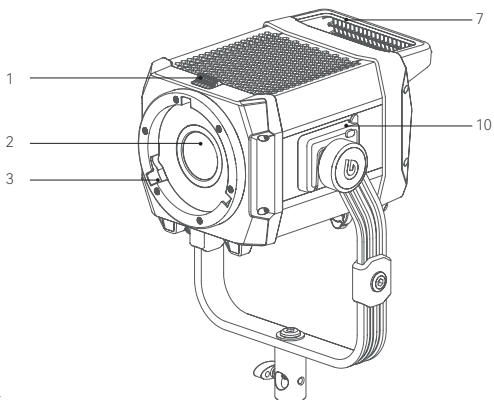
前言

感谢您购买神牛产品!

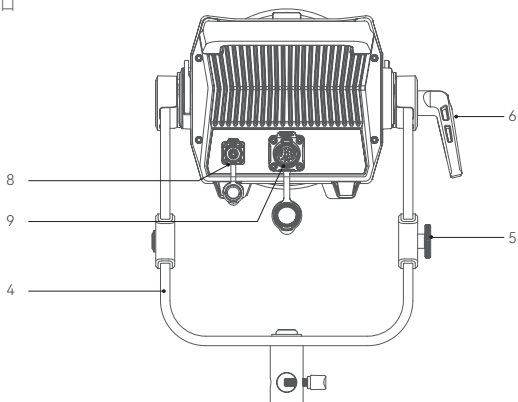
神牛全新推出全彩 LED 影视灯 M300R, 支持 100V-240V 供电, 或另购 14.8V 的 V 口电池供电; 拥有 CCT/HSI/RGBW/GEL/X-Y/FX 多种色彩模式、千分级亮度调节、4 种调光曲线、DMX/CRM/以太网 / 蓝牙多种无线控制等特性完美胜任灯光工作场合; 适用于大型摄影棚、影视基地、演播室、户外外景、大型实地拍摄现场。

部件名称

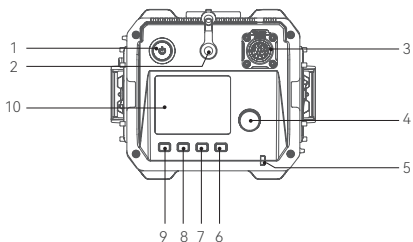
灯体



- 1. 卡口推制
- 2. 灯珠
- 3. 保荣卡口
- 4. U 架
- 5. 挂线装置
- 6. 方向锁紧把手
- 7. 提手
- 8. ACC 接口
- 9. DC INPUT 接口
- 10. 快装装置

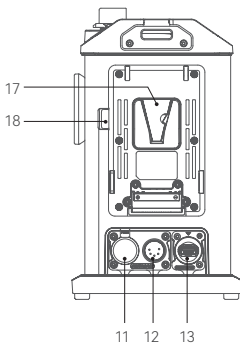


控制器

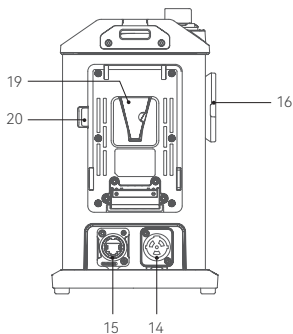


- 1. 开关按键
- 2. CP 接口
- 3. DC OUTPUT 接口
- 4. 调节旋钮
- 5. LED 状态灯

- 6. MODE 按键
- 7. MENU 按键
- 8. LOCK 按键
- 9. PRESET 按键
- 10. 彩屏

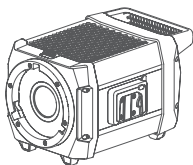


- 11. DMX OUT 接口
- 12. DMX IN 接口
- 13. USB-A 接口
- 14. AC INPUT 接口
- 15. LAN 接口



- 16. 快装装置
- 17. V 口电池槽①
- 18. 电池拆卸推制①
- 19. V 口电池槽②
- 20. 电池拆卸推制②

M300R 物品清单



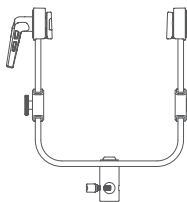
灯体 ×1



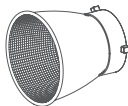
控制器 ×1



保护盖 ×1



U 架 ×1



反光罩 BR30 ×1



控制器固定件 ×1



绑线绳 ×1



安全绳 ×1



直流电源线 ×1

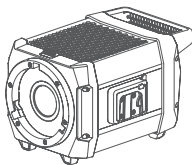


交流电源线 ×1



说明书 ×1

M300R K1 物品清单



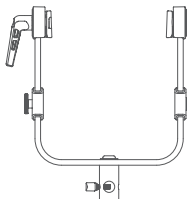
灯体 ×1



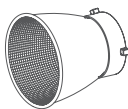
控制器 ×1



保护盖 ×1



U 架 ×1



反光罩 BR30 ×1



控制器固定件 ×1



绑线绳 ×1



安全绳 ×1



直流电源线 ×1



交流电源线 ×1



收纳包 ×1

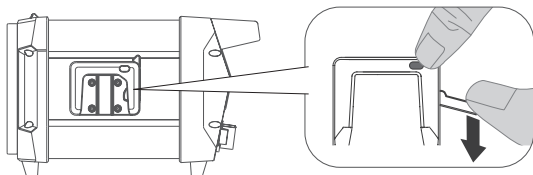


说明书 ×1

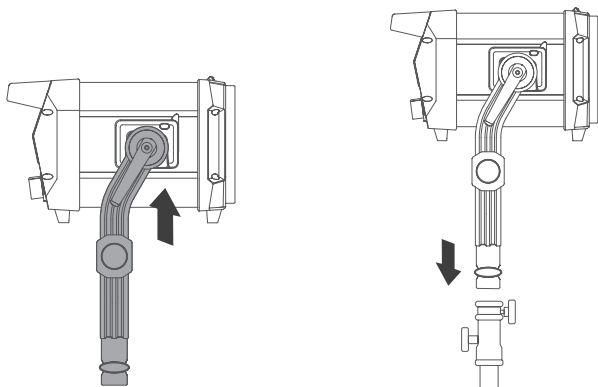
温馨提示：说明书中线图均为示意图，仅供参考。由于产品不断更新与升级，产品实物与线图可能存在差异，请以实物为准。

安装与拆卸

安装 U 架



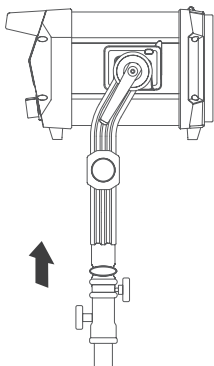
1. 将灯具放于平面，按住灯体上的快装装置按钮，拨开扳手。



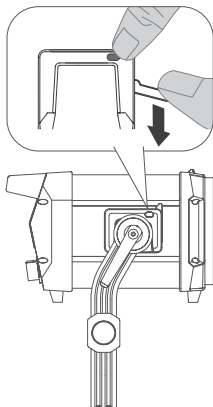
2. 双手握住 U 架两端，对准快装装置插入，接着将两边扳手回拨锁紧。

3. 最后可将整灯安装在另购的滚轮灯架上，锁紧滚轮灯架的固定旋钮即可。

拆卸 U 架



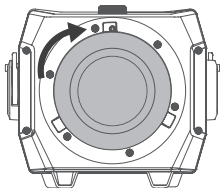
1. 双手握住 U 架将灯具从滚轮灯架上取下来，放在平面上。



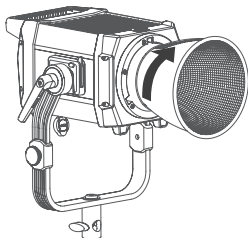
2. 按住快装装置按钮，拨开扳手，将 U 架取出。

安装保护盖 / 反光罩

将保护盖或反光罩对准灯头卡口插入，顺时针旋转安装。



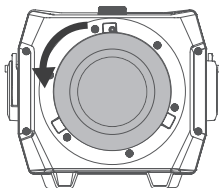
安装保护盖



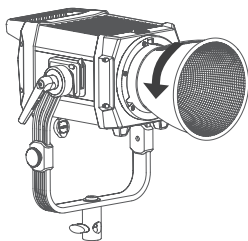
安装反光罩

拆卸保护盖 / 反光罩

按住卡口推制的同时逆时针旋转保护盖或反光罩即可。



拆卸保护盖

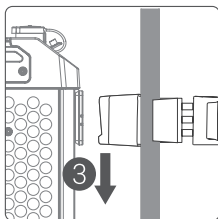
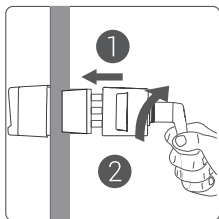


拆卸反光罩

注：灯珠点亮前请将保护盖取下。

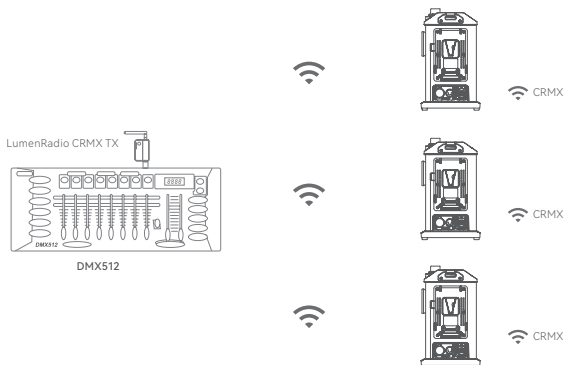
将控制器安装到灯架上

将控制器固定件把手拧松后插入灯架杆，顺时针旋转把手锁紧固定件，最后将控制器快装装置对准固定件卡槽插入。

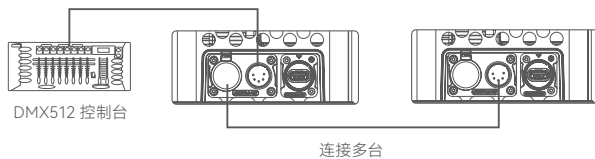


连接 DMX 控制台

1. 无线 DMX 连接



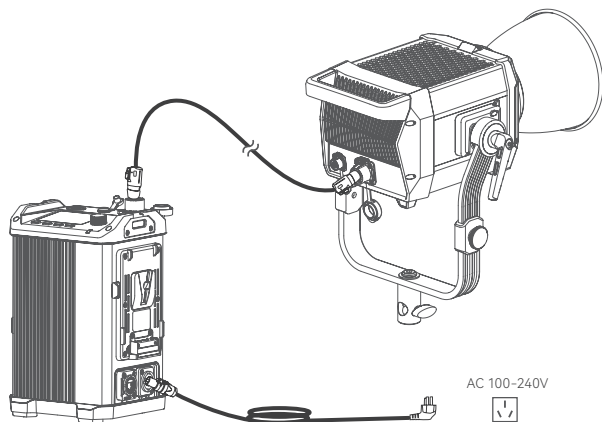
2. 有线 DMX 连接



注: 仅展示连接 DMX512 控制台方式, 控制台及连接线需另购。

供电方式

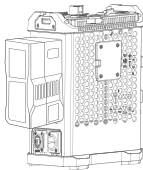
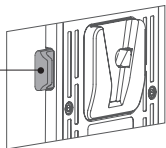
AC 供电



- ①在拆装电源线时请先关闭电源，严禁通电时插拔。
- ②在拆卸有锁扣按钮的电源线时，需要按住锁扣按钮拔出。
- ③使用时将直流电源线整理好，利用绑线绳挂装至 U 架的挂线装置上。

V 口电池供电

如需取下电池请按住
电池推制



① AC 供电切换 V 口电池供电时, 请先关机并将电源线拔掉, 再插入另购的 V 口电池 (14.8V) 开机使用。

②支持双电池或任意一侧单电池供电。

不同状态下灯具的最大亮度值

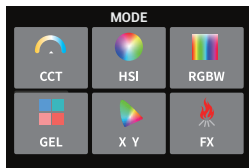
V 口电池	线性	S 曲线	指数	对数
14.8V (1 节)	30%	41.9%	61.8%	13.3%
14.8V (2 节)	70%	58.5%	87.2%	39.2%

开机 / 关机

接通电源后按下开关按键实现开机, 再次按下实现关机。

模式选择

短按 MODE 按键进入模式选择，旋转调节旋钮可选图中任意一种模式，短按调节旋钮进入该模式的具体设置。通过短按并旋转调节旋钮设置参数值，顺时针旋转递增参数值，逆时针旋转递减参数值，设置完毕短按 MODE 按键返回上一级。



CCT 模式

短按 MODE 按键进入模式选择，选中 CCT 后短按调节旋钮进入该模式，可选亮度 / 色温 /GM。

亮度范围: 0.0% ~ 100.0%

色温范围: 1800K ~ 10000K

GM 范围: -100% ~ +100%



HSI 模式

短按 MODE 按键进入模式选择，选中 HSI 后短按调节旋钮进入该模式，可选亮度 / 色相 / 饱和度。

亮度范围: 0.0% ~ 100.0%

色相范围: 0° ~ 360°

饱和度范围: 0% ~ 100%



RGBW 模式

短按 MODE 按键进入模式选择, 选中 RGBW 后短按调节旋钮进入该模式, 可选亮度 / 红光 / 绿光 / 蓝光 / 白光。

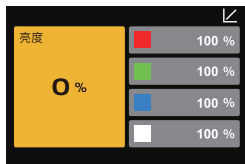
亮度范围: 0.0% ~ 100.0%

红光范围: 0.0% ~ 100.0%

绿光范围: 0.0% ~ 100.0%

蓝光范围: 0.0% ~ 100.0%

白光范围: 0.0% ~ 100.0%



GEL 模式

短按 MODE 按键进入模式选择, 选中 GEL 后短按调节旋钮进入该模式, 可选亮度 / 色片类型 / 色片组类型 / 颜色选择 / 色温 / 色相 / 饱和度。

亮度范围: 0.0% ~ 100.0%

色片类型: R-GEL/L-GEL

R-GEL 色片组: COR./CAL./SPC./CINE.

L-GEL 色片组: COR./COLOR./600/COS./700

色温: 3200K 或 5600K

色相范围: -10° ~ 10°

饱和度范围: -20% ~ 20%



X-Y 模式

短按 MODE 按键进入模式选择, 选中 X-Y 后短按调节旋钮进入该模式, 可选亮度 / X 坐标 / Y 坐标。

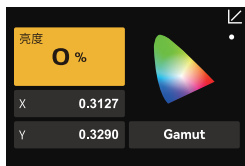
亮度范围: 0.0% ~ 100.0%

X 坐标: 0.0000 ~ 0.8500

Y 坐标: 0.0000 ~ 0.8500

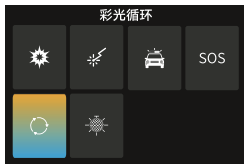
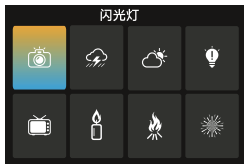
颜色温度或颜色空间: Gamut、Rec.2020、

DCI-P3、Rec.709、Black body



FX 模式

短按 MODE 按键进入模式选择, 选中 FX 后短按调节旋钮进入该模式, 通过旋转调节旋钮可选 14 类光效, 短按调节旋钮进入某一类光效的具体设置。



1. 闪光灯

此光效模拟闪光灯闪光或传统镁光灯闪光, 常用于营造一种生动、活泼的氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
颜色: CCT/HSI
色温 / 色相: 1800K-10000K/0-360°
触发: 自动 / 手动
速度: 1-100
模式: 闪光灯 / 镁光灯

2. 雷电

此光效模拟雷电的闪电, 常用于营造一种紧张、恐怖或神秘的氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
色温: 1800K-10000K
触发: 自动 / 手动
闪烁次数: 随机 /1-10
频率: 随机 /2-20

3. 多云

此光效模拟云层遮挡效果, 常用于营造一种阴沉、压抑或悲伤氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
亮暗比例: 30%-90%
速度: 随机 /1-100

4. 坏灯泡

此光效模拟一盏损坏的灯泡闪光，常用于营造昏黄的环境氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

颜色：CCT/HSI

色温 / 色相：1800K-10000K/0-360°

速度：1-100

5. 电视机

此光效模拟电视机或屏幕的光线效果，常用于营造出一种冷淡、机械或数字化的氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

颜色：CCT/HSI

速度：1-100

6. 蜡烛

此光效模拟蜡烛的光线效果，常用于营造出一种柔和、温暖、闪烁的氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

速度：1-100

7. 火

此光效模拟火焰的光线效果，常用于营造出一种明亮、热烈、闪烁氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

速度：1-100

8. 烟花

此光效模拟烟花的光线效果，常用于营造出一种绚丽、多彩、浪漫的氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

余烬：1-100

速度：1-100

9. 爆炸

此光效模拟爆炸的光线效果，常用于营造出一种明亮、猛烈、闪烁氛围。

亮度：0.0% -100.0%

开关：开启 / 关闭

颜色：CCT/HSI

色温 / 色相：1800K-10000K/0-360°

触发：自动 / 手动

余烬：1-100

速度：1-100

10. 焊接

此光效模拟焊接的光线效果，常用于营造出一种炽热、机械的氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
颜色: CCT/HSI
色温 / 色相: 1800K-10000K/0-360°
速度: 1-100

11. 警车

此光效模拟警车灯光的闪烁效果，常用于营造紧张、追逐或紧张氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
颜色: 红 + 蓝、红、蓝、白 + 蓝、黄 + 蓝、黄、红 + 蓝 + 白、红 + 黄 + 蓝
模式: 1-5

12. SOS SOS

此光效模拟 SOS 求救信号的闪烁效果，常用于营造危险、求救或紧急情况氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
颜色: CCT/HSI
色温 / 色相: 1800K-10000K/0-360°

13. 彩光循环

此光效模拟模拟彩色光线的循环和变化效果，常用于营造一种梦幻、科幻的氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
饱和度: 0%-100%
速度: 1-100

14. 派对

此光效模拟彩色光线、闪光灯和激光等效果，常用于营造出一种狂欢、欢乐、高能氛围。

亮度: 0.0% -100.0%
开关: 开启 / 关闭
饱和度: 0%-100%
速度: 1-100

注: 根据需求旋转调节旋钮设置当前参数值, 设置完毕后短按并旋转调节旋钮可跳入下一栏参数进行设置; 选中手动时, 通过短按一次调节旋钮触发一次该光效; 某个光效设置完毕后短按 MODE 按键回到 14 类光效选择界面。

菜单设置

短按 MENU 按键进入菜单界面，旋转并短按调节旋钮可进入图中任意一项的设置，设置完毕短按 MENU 按键回到菜单界面。



DMX

短按调节旋钮进入 DMX 设置，通过短按并旋转调节旋钮设置参数值，如下表所示。

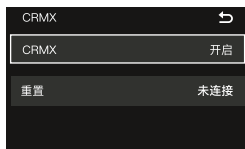


一级选项	二级选项	说明
地址	001-512	起始地址
DMX 模式	01: CCT 8 Bit	8 位 CCT 模式
	02: HSI 8 Bit	8 位 HSI 模式
	03: RGB 8 Bit	8 位 RGB 模式
	04: RGBW 8 Bit	8 位 RGBW 模式
	05: CCT+HSI 8 Bit	8 位 CCT+HSI 模式
	06: CCT+RGBW 8 Bit	8 位 CCT+RGBW 模式
	07: FX 8 Bit	8 位 FX 模式
	08: GEL 8 Bit	8 位 GEL 模式
	09: CCT 16 Bit	16 位 CCT 模式
	10: HSI 16 Bit	16 位 HSI 模式
	11: RGB 16 Bit	16 位 RGB 模式
	12: RGBW 16 Bit	16 位 RGBW 模式
	13: X-Y 16 Bit	16 位 X-Y 模式
	14: FX 16 Bit	16 位 FX 模式
	15: GEL 16 Bit	16 位 GEL 模式
RDM 状态	开启	开启 RDM, 开启后控制台可设置灯具地址及 DMX 模式
	关闭	关闭 RDM
DMX 丢失状态	保持最后状态	失去 DMX 控制信号后, 在关机或再次接收有效 DMX 控制信号前, 持续使用最后一次接收的 DMX 控制信号。
	直接关闭	灯具直接熄灭
	保持最后状态 2 分钟熄灭	失去 DMX 控制信号后, 持续使用最后一次接收的 DMX 控制信号 2 分钟, 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。
终止开关	开启	开启 DMX 终端
	关闭	关闭 DMX 终端
增强通道	开启	开启增强通道信号
	关闭	关闭增强通道信号
DMX 通道表	扫描二维码查看	

注: 使用 DMX/RDM 控制台控制灯具, 可登录官网 <https://www.godox.com.cn/> 下载 DMX 模式表。

CRMX

短按调节旋钮进入 CRMX 设置, 通过短按并旋转调节旋钮设置开启或关闭; 如需重置, 旋转调节旋钮到重置栏, 短按调节旋钮即可。



“Godox KNOWLED”app 下载

扫描二维码即可下载“Godox KNOWLED”app
(目前仅限平板下载和使用)。



CRMX BT 转 CRMX

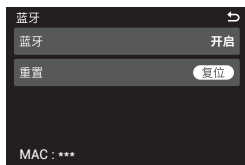
1. 首先通过 CRMX BT, 将安卓/iOS 平板与 Godox TimoLink TRX 建立连接;
2. 再将 Godox TimoLink TRX 与 CRMX 灯具建立连接, 或与 DMX 灯具 (配合 Godox TimoLink RX 使用) 建立连接;
3. 最后在“Godox KNOWLED”app 中配置灯具即可控制。



注: TimoLink TRX/RX 为另购物品。

蓝牙

短按调节旋钮进入蓝牙设置，通过短按并旋转调节旋钮设置开启或关闭；如需蓝牙复位，旋转调节旋钮到复位栏，短按调节旋钮即可；下方查看蓝牙 MAC 码，方便查找灯具。



“GODOX Light”App下载

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：

1. 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。
2. App 需升级至 V3.0 以上版本。



以太网

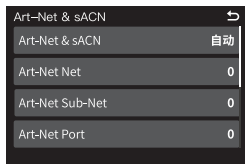
短按调节旋钮进入以太网设置, 通过短按并旋转调节旋钮设置网络模式, 如下表所示。

以太网	
网络模式	DHCP
IP	192 168 1 102
子网掩码	255 255 255 0
默认网关	192 168 1 1

一级选项	二级选项	说明
网络模式	DHCP	使用 DHCP 模式
	Art-Net2.x	使用 2.B.C.D 网络
	Art-Net 10.x	使用 10.B.C.D 网络
	手动	可手动设置网络 IP、子网掩码、默认网关
IP	AAA.BBB.CCC.DDD	如果启动 DHCP 模式, 灯光 ID 地址则为 DHCP 分配。 如果启动 Art-Net 2.x 模式, 灯光 ID 地址则为 2.B.C.D。 如果启动 Art-Net 10.x 模式, 灯光 ID 地址则为 10.B.C.D。 如果启动手动模式, AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
子网掩码	255.BBB.CCC.DDD	如果启动 DHCP/Art-Net 2.x/Art-Net 10.x, 子网掩码为 255.BBB.CCC.DDD 不能通过菜单更改。 如果启动手动, AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
默认网关	AAA.BBB.CCC.DDD	如果启动 DHCP 模式, 灯光默认网关则为 DHCP 分配。 如果启动 Art-Net 2.x 模式, 灯光默认网关地址则为 2.B.C.D。 如果启动 Art-Net 10.x 模式, 灯光默认网关则为 10.B.C.D。 如果启动手动模式, AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255

Art-Net & sACN

短按调节旋钮进入 Art-Net & sACN 协议设置, 通过短按并旋转调节旋钮设置参数值, 如下表所示。



一级选项	二级选项	说明
Art-Net&sACN	自动 /Art-Net/sACN/ 关	自动: 接受 Art-Net&sACN 两种协议。 Art-Net: 只接受 Art-Net 协议。 sACN: 只接受 sACN 协议。 关: 不接受网络协议。
Art-Net Net	0-127	选择 Art-Net 网络
Art-Net Sub-Net	0-15	在 Art-Net 网络中选择 Art-Net 子网
Art-Net Port	0-15	Art-Net 端口
Art-Net Universe	0-32767	Art-Net 域
sACN Universe	1-63999	sACN 域

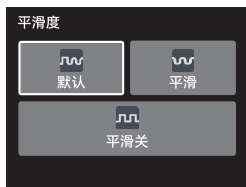
调光曲线

短按调节旋钮进入调光曲线设置, 通过旋转调节旋钮可选线性 /S 曲线 / 指数 / 对数, 选定后短按调节旋钮完成设置。



平滑度

短按调节旋钮进入平滑度设置，通过旋转调节旋钮可选默认 / 平滑 / 平滑关，选定后短按调节旋钮完成设置。



平滑度	备注
默认	亮度数据进行基础平滑处理，实现平滑调光，缩短响应时间
平滑度	亮度数据进行平滑处理，实现超平滑调光，响应时间慢
关闭	未对亮度数据进行平滑处理，响应时间最快

控制模式

短按调节旋钮进入控制模式设置，通过短按并旋转调节旋钮可选常规 / 低亮 / 高速三种模式，选定后短按并旋转调节旋钮可设置常规和低亮模式的频率：默认 / 1-10。



控制模式	适用环境	调光特性	闪烁
常规模式	正常调光	整个调光范围内都很好	不太会出现闪烁
低亮模式	电视 / 电影	低亮度水平时很好	可能出现闪烁
高速模式	不支持调光	/	无闪烁

色域空间

短按调节旋钮进入色域空间设置，通过短按并旋转调节旋钮可选原始色域 / 校色色域 / Rec.709/DCI-P3。



风扇

短按调节旋钮进入风扇设置，通过旋转调节旋钮可选静音 / 自动 / 中速 / 高速，选定后短按调节旋钮完成设置。



屏幕设置

短按调节旋钮进入屏幕设置，通过短按并旋转调节旋钮设置屏幕亮度值，逆时针旋转递减亮度，顺时针旋转递增亮度，范围：10%-100%。



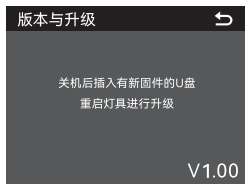
语言

短按调节旋钮进入语言设置，通过旋转调节旋钮可选简体中文 / English，选定后短按调节旋钮完成设置。



版本与升级

短按调节旋钮进入版本与升级，此界面可查看固件版本号与升级提示。



升级详情

1. 在官网(<https://www.godox.com.cn/firmware-continuous-light>)下载新固件到 U 盘上。
2. 在关机状态下, 将存有新固件的 U 盘插入 USB-A 接口。
3. 开机, 灯具自动进入升级界面。
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。
2. USB-A 接口支持供电, 输出电压电流 5V $\pm$ 1.5A, 请勿接入大功率 USB 设备。

恢复出厂设置

短按调节旋钮进入恢复出厂设置, 通过旋转调节旋钮可选确定 / 取消; 短按调节旋钮确定恢复出厂, 灯具自动重启, 界面出现简体中文和 English 选项, 设置需要的语言后灯体亮度值自动变为 100%。



灯具信息

短按调节旋钮进入灯具信息, 此界面可查看设备当前基础信息。



锁定设置

短按 LOCK 按键，屏幕出现  表示当前界面被锁定，再次短按 LOCK 按键便可解锁。



注：此锁定功能仅锁定控制器操控面板，其他操作方式仍可正常进行。

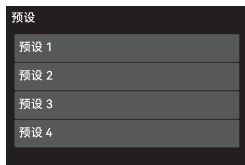
预设设置

短按 PRESET 按键进入灯具光效的预设界面，旋转调节旋钮选择 1-20 组预设。

1. 短按 MODE 按键进入主界面，设置好光效参数；

2. 短按 PRESET 按键进入预设界面，要将此光效参数存入预设 1，选定预设 1 后短按调节旋钮进行保存；

3. 已保存的预设组，短按调节旋钮可进行应用 / 删除 / 保存 / 取消设置。



照度数据

常规模式

色温	测试条件	照度单位	1m	2m	3m	5m
1800K	裸灯	lux	6120	1620	710	269
		fc	569	151	66	25
	搭配反光罩 BR30	lux	55400	11800	5040	1740
		fc	5150	1100	468	161
2800K	裸灯	lux	12300	3190	1420	533
		fc	1140	297	132	50
	搭配反光罩 BR30	lux	102000	21800	9180	3200
		fc	9450	2030	853	298
3200K	裸灯	lux	12500	3270	1450	543
		fc	1160	304	134	50
	搭配反光罩 BR30	lux	105000	22200	9520	3260
		fc	9750	2060	884	303
4300K	裸灯	lux	12300	3180	1410	527
		fc	1140	295	131	49
	搭配反光罩 BR30	lux	105000	21900	9360	3210
		fc	9750	2030	869	298
5600K	裸灯	lux	11700	3020	1340	498
		fc	1090	280	125	46
	搭配反光罩 BR30	lux	101000	21000	8980	3100
		fc	9420	1960	834	288
6500K	裸灯	lux	11400	2920	1300	482
		fc	1060	271	121	45
	搭配反光罩 罩 BR30	lux	98600	20500	8760	3030
		fc	9160	1900	814	281
8500K	裸灯	lux	10700	2740	1230	455
		fc	992	254	114	42
	搭配反光罩 BR30	lux	92900	1930	8270	2840
		fc	8630	1790	768	264
10000K	裸灯	lux	10400	2660	1190	441
		fc	962	247	110	41
	搭配反光罩 BR30	lux	90200	18800	8020	2760
		fc	8380	1750	745	256

色温	测试条件	照度单位	1m	2m	3m	5m
R (红光)	裸灯	lux	3450	887	405	147
		fc	321	82	38	14
	搭配反光罩 BR30	lux	30800	6600	2850	995
		fc	2860	613	265	92
G (绿光)	裸灯	lux	7270	1830	831	301
		fc	676	170	77	28
	搭配反光罩 BR30	lux	66800	14100	6060	2070
		fc	6210	1310	563	193
B (蓝光)	裸灯	lux	2070	522	238	86
		fc	193	49	22	8
	搭配反光罩 BR30	lux	18200	3820	1640	564
		fc	1690	354	153	52

高速模式

色温	测试条件	照度单位	1m	2m	3m	5m
1800K	裸灯	lux	7220	1910	833	317
		fc	670	177	77	30
	搭配反光罩 BR30	lux	65700	13900	5900	2050
		fc	6100	1290	548	191
2800K	裸灯	lux	14400	3770	1670	627
		fc	1340	350	155	58
	搭配反光罩 BR30	lux	123000	25800	10800	3800
		fc	11400	2390	1010	353
3200K	裸灯	lux	15000	3880	1720	644
		fc	1390	360	160	60
	搭配反光罩 BR30	lux	127000	26600	11200	3920
		fc	11800	2470	1040	364
4300K	裸灯	lux	14900	3840	1710	639
		fc	1390	357	159	59
	搭配反光罩 BR30	lux	127000	26700	11200	3930
		fc	11800	2480	1040	365
5600K	裸灯	lux	14700	3780	1690	625
		fc	1360	351	157	58
	搭配反光罩 BR30	lux	126000	26300	11100	3880
		fc	11700	2440	1030	360
6500K	裸灯	lux	14400	3730	1660	615
		fc	1340	346	154	57
	搭配反光罩 罩 BR30	lux	124000	26000	11000	3840
		fc	11500	2420	1020	356
8500K	裸灯	lux	13600	3520	1570	583
		fc	1270	327	146	54
	搭配反光罩 BR30	lux	118000	24800	10500	3650
		fc	11000	2300	972	339
10000K	裸灯	lux	13300	3420	1530	566
		fc	1230	318	142	53
	搭配反光罩 BR30	lux	115000	24200	10200	3570
		fc	10700	2250	946	332

以上数据均为平均值，非绝对值，以上测试皆在灯体 100%亮度下进行。

规格参数

型号	M300R
AC INPUT 接口	输入: 100-240V ~, 50/60Hz, 460W (Max.)
色温范围	1800K-10000K
GM 范围	-100% ~ 100%
调光范围	0.0% ~ 100.0%
调光曲线	线性 / S 曲线 / 指数 / 对数
FX 光效	14 类
CRI	≈ 96
TLCI	≈ 95
灯体 / 控制器防水等级	IP54
控制方式	DMX 512 控制台控制, 支持 RDM 协议 / LumenRadio CRMX 控制 / 以太网支持 Art-Net&sACN 协议 / 蓝牙 app 控制 / 控制器控制
蓝牙控制距离	60m
USB-A 接口	固件升级 / 5V = 1.5A 供电
工作环境温度	-20°C ~ 45°C
尺寸 (不含 U 架和反光罩) ≈	灯体: 180*244*156mm
	控制器: 174*144*249mm
净重 (不含 U 架和反光罩) ≈	灯体: 3.6kg
	控制器: 3.1kg

规格和参数如有变更, 恕不另行通知。

Important Safety Instructions and Precautions

Godox LED lights, especially those with high power output, are professional equipment and should only be operated by professionals. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions. Failure to do so may result in death, serious injury, damage to the product, or other property damage.



Danger

- Professional lighting fixture is prohibited for children. When children are near, parents or guardians must supervise closely to prevent them from personal injury due to collision with light or private use of light.
- This product is not ordinary lighting fixture and cannot be used for general lighting. Anyone who has suffered eye damage or has sensitive eyes should avoid using this product. When the light 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 it causes eye discomfort, turn off the light, suspend use and seek medical attention promptly.
- For high-voltage (mains) powered products, use a socket with an earth protection device for power supply.
- When the light is on, it must be used with care. Do not touch high-temperature parts, such as LED lamp beads, to avoid burns.
- Do not use damaged product. Stop using immediately if the product shell is cracked due to falling, squeezing, or strong impact, to avoid touching the internal electronic components and getting an electric shock.
- Please use only the accessories recommended by our factory to avoid fire, electric shock or personal injury. If an extension cord is required, use the original extension cord or one recommended by the manufacturer (an extension cord with a current rating greater than or equal to that of the equipment). Extension cords rated at less than that of the equipment may cause fire, electric shock, other serious personal injury hazards, or property damage.
- Use only intact ground connection cables or ground extension cables that have been expressly recognized by the manufacturer for use in the operation of powered products. Damaged or twisted connection cables must be replaced immediately! The product has a long input power cord, so please place the power cord in a safe position to avoid it coming into contact with overheated objects, being improperly placed and causing damage by pulling, or tripping over on-site personnel.

- Do not disassemble the product without permission. If the product malfunctions, it must be checked and repaired by authorized maintenance personnel. If the lamp bead is damaged or deformed by heat, stop using it, and contact the manufacturer, service agent or qualified maintenance personnel to replace the lamp bead in time to avoid accidents.
- Do not use and store this product in explosive atmospheres (near flammable volatile solvents such as alcohol, gasoline, or gases such as methane and ethane).
- Maintain at least 1 meter distance between the light head and the user, other people, and heat-sensitive or flammable items during and after operation of the product.
- When cleaning and repairing the product, turn off the power before unplugging the product's power cord from the power outlet. When not in use, do not pull the power cord to unplug the product from the power outlet. Unplug the product from the power outlet by grasping both ends of the plug with your hands.



Warning

- Do not block or cover the heat dissipation port of the product.
- After use, the product should be completely cooled before packaging.
- Some products are battery powered:
 1. Do not use any batteries, power sources or accessories not specified in the instruction manual.
 2. 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.
 3. 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 may result in fire, electric shock, or skin burns.
 4. Do not use any deformed or modified batteries.
 5. Do not disassemble or modify this product or battery.
 6. Do not heat or solder the battery.
 7. Keep the battery away from fire or water.
 8. Do not subject the battery to strong external impacts.
 9. Do not incorrectly insert the positive and negative ends of batteries, or mix old and new batteries or different types of batteries.



Attention

- All transport protective materials and packages on the product must be removed before use.
- When not in use, please turn off the product and stop the power supply promptly.
- Please make sure to clean the glass of the lamp bead frequently and keep it clean, the glass may explode if it is stained with mosquito bodies or dark-colored organic matter. When cleaning the device, please do not use a wet cloth to wipe, please use a dry soft cloth to wipe the device dirt.
- 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. Customers can view the latest electronic instruction manuals on the official website of Godox and learn about the latest product information.



Do not stare at the operating light source.

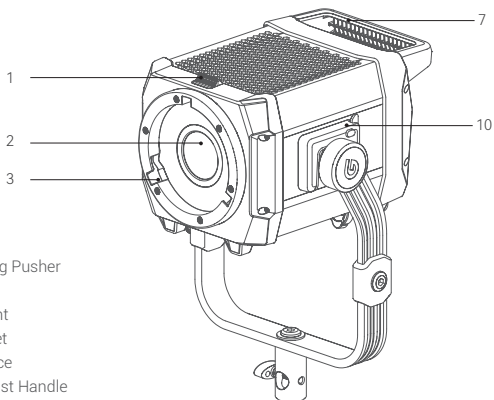
Foreword

Thank you for purchasing !

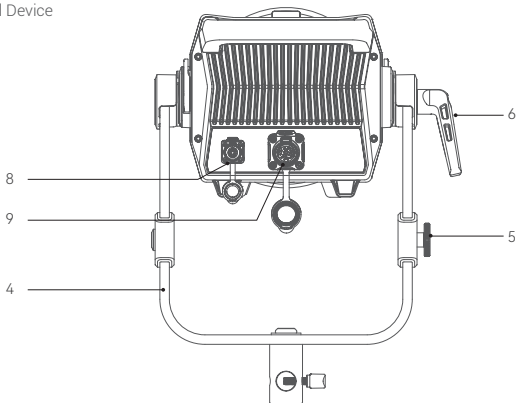
KNOWLED full-color LED light M300R has the following main features: 100V-240V power supply or separately purchased 14.8V V-mount battery power supply, built-in CCT/HSI/RGBW/GEL/X-Y/FX mode, thousand-bit adjustable brightness, four dimming curves, DMX/CRMX/Ethernet/Bluetooth control, making it quite suitable for large film studios, film and television shooting, broadcast studios, outdoor exteriors and large field scenes.

Names of Parts

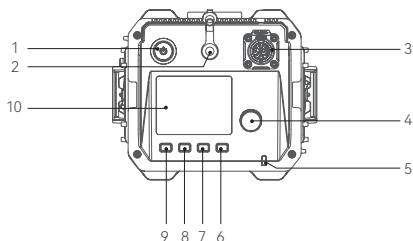
Light Body



- 1. Mount Locking Pusher
- 2. Lamp Bead
- 3. Bowens Mount
- 4. U-type Bracket
- 5. Hanging Device
- 6. Direction Adjust Handle
- 7. Handle
- 8. ACC Port
- 9. DC INPUT Port
- 10. Quick Install Device

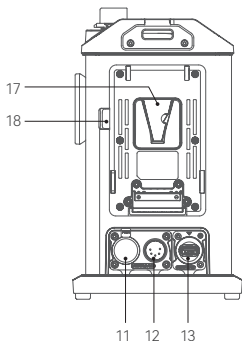


Controller

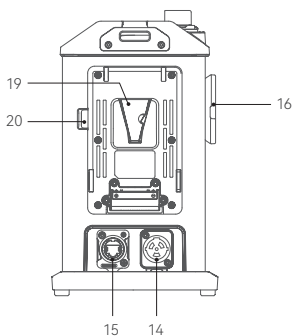


- 1. Power Switch Button
- 2. CP Port
- 3. DC OUTPUT Port
- 4. Select Dial
- 5. LED Status Indicator

- 6. MODE Button
- 7. MENU Button
- 8. LOCK Button
- 9. PRESET Button
- 10. Display

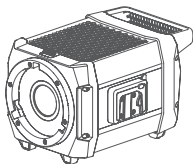


- 11. DMX OUT Port
- 12. DMX IN Port
- 13. USB-A Port
- 14. AC INPUT Port
- 15. LAN Port



- 16. Quick Install Device
- 17. V-mount Battery Slot ①
- 18. Battery Detaching Pusher ①
- 19. V-mount Battery Slot ②
- 20. Battery Detaching Pusher ②

What's Inside M300R



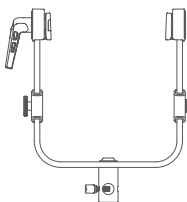
Light Body x1



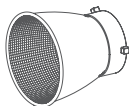
Controller x1



Protection Cover x1



U-type Bracket x1



Reflector BR30 x1



Controller Mounting
Device x1



Tying Rope x1



Safety Rope x1



DC Power Cord x1

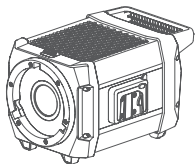


AC Power Cord x1



Instruction Manual x1

What's Inside M300R K1



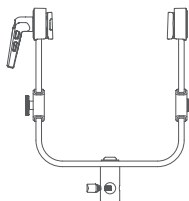
Light Body ×1



Controller ×1



Protection Cover ×1



U-type Bracket ×1



Reflector BR30 ×1



Controller Mounting
Device ×1



Tying Rope ×1



Safety Rope ×1



DC Power Cord ×1



AC Power Cord ×1



Storage Bag ×1

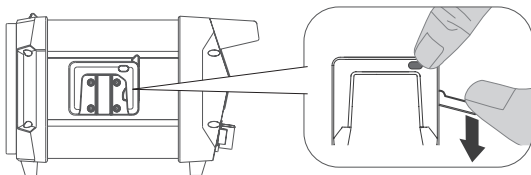


Instruction Manual ×1

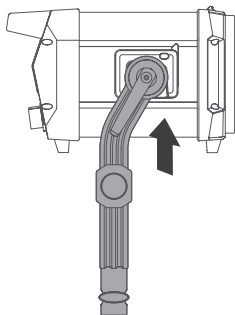
Note: Due to continuous updates and upgrades of the products, there may be differences between the actual products and the pictures. Therefore, the pictures are for reference only, products to prevail in kind.

Installation and Disassembly

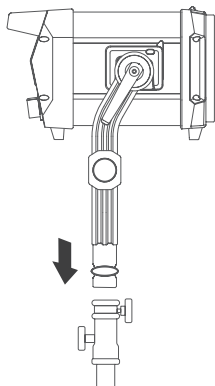
Install the U-type Bracket



1. Place the light on a flat surface, press down the quick install device button and remove the wrench.

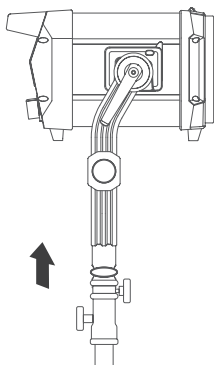


2. Align both ends of the U-type bracket with the quick install device and insert in, lock the wrenches on both sides.

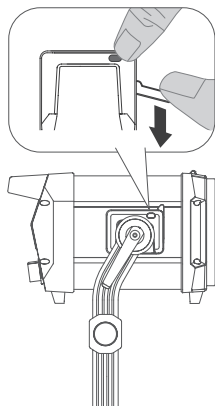


3. Install the light on the optional roller stand and lock the fixing knob on the roller stand.

Disassemble the U-type Bracket



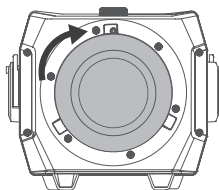
1. Hold the handle of the light and remove it from the roller stand then place it on a flat surface.



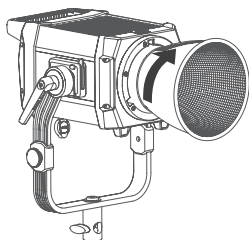
2. Press and hold the quick install device button and release the wrench to remove the U-type bracket.

Install the Protection Cover/Reflector

Align the protection cover or the reflector with the mount and rotate clockwise to install.



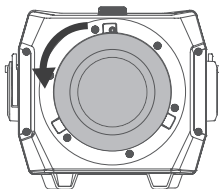
Install the Protection Cover



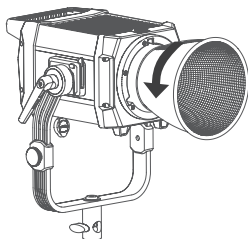
Install the Reflector

Disassemble the Protection Cover/Reflector

Press and hold the mount locking pusher and rotate counterclockwise to remove the protection cover or the reflector.



Disassemble the Protection Cover

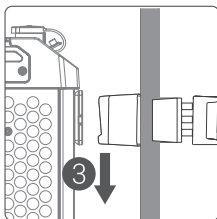
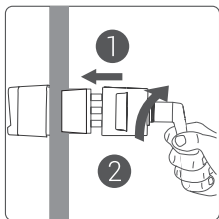


Disassemble the Reflector

Note: Please take off the protection cover before turning on the light.

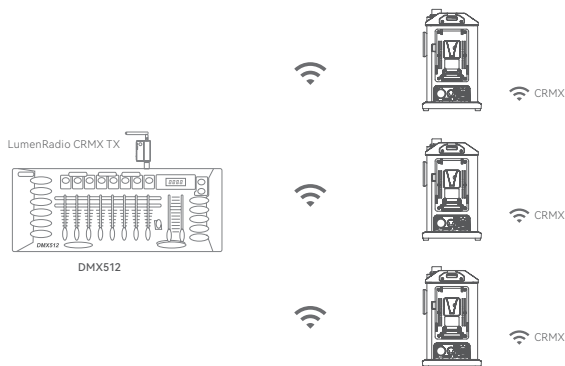
Install the Controller onto the Light Stand

Loosen the handle of controller mounting device and insert the light stand pole, rotate the handle clockwise to lock the mounting device, then align the quick install device with the slot of mounting device and insert it.

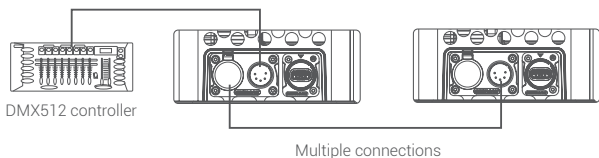


DMX Connection

1. Wireless DMX Connection



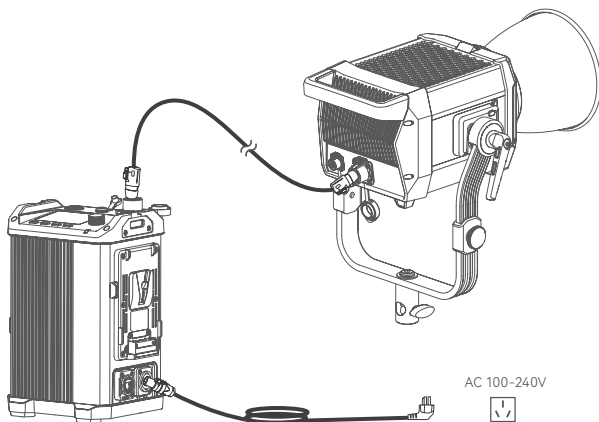
2. Wired DMX Connection



Note: The above pictures only show the method to connect the DMX512 controller, the controller and connecting cable are sold separately.

Power Supplies

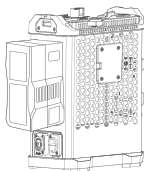
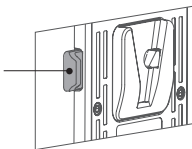
AC Power Supply



- ① Please turn off the power when disassembling and installing the power cord, it is strictly forbidden to plug and unplug when the power is on.
- ② Please press the latch button and pull out when disassembling the power cord with latch button.
- ③ Please arrange the DC power cord and use the tying rope to hang it to the hanging device of the U-type bracket.

V-mount Battery Power Supply

Press the battery locking pusher can pull out the battery



- ① When switching AC power supply to V-mount battery supply, please turn off the power and unplug the power cord first, and insert in the separately purchased 14.8V V-mount battery to turn on the power.
- ② This product supports dual batteries on both sides or single battery power supply on either side.

Max. Brightness Values in Different Status

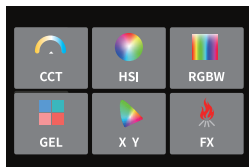
V-mount Battery	Linear	S-curve	Exponential	Logarithmic
One 14.8V	30%	41.9%	61.8%	13.3%
Two 14.8V	70%	58.5%	87.2%	39.2%

Power Switch

Press the power switch after connected to power source to turn on or off the device.

Mode Selection

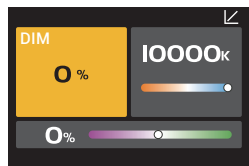
Short press the MODE button to enter selection interface, rotate the select dial to select the desired mode, then press it to enter the corresponding parameter settings. Rotate the select dial clockwise to increase the parameters, while rotate anticlockwise to decrease the parameters. Short press the MODE button to return to the previous interface.



CCT Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select CCT mode, in which you can adjust the DIM/CCT/GM.

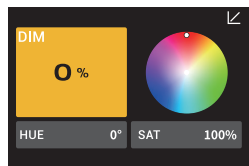
DIM range: 0.0% ~100.0%
CCT range: 1800K ~ 10000K
GM range: -100% ~ +100%



HSI Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select HSI mode, in which you can adjust the DIM/HUE/SAT.

DIM range: 0.0% ~100.0%
HUE range: 0° ~ 360°
SAT range: 0% ~ 100%



RGBW Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select RGBW mode, in which you can adjust the DIM/red/green/blue/white.

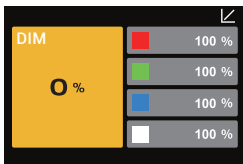
DIM range: 0.0% -100.0%

Red range: 0.0% -100.0%

Green range: 0.0% -100.0%

Blue range: 0.0% -100.0%

White range: 0.0% -100.0%



GEL Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select GEL mode, in which you can adjust the following parameters.

DIM range: 0.0% -100.0%

Gel type: R-GEL/L-GEL

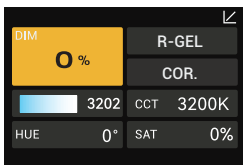
R-GEL: COR./CAL./SPC./CINE.

L-GEL: COR./COLOR./600/COS./700

CCT: range: 3200K or 5600K

HUE range: -10° ~ 10°

SAT range: -20% ~ 20%



XY Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select XY mode, in which you can adjust the DIM/X coordinate/Y coordinate/color temperature/color space.

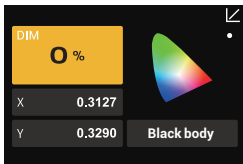
DIM range: 0.0% -100.0%

X coordinate: 0.0000 ~ 0.8500

Y coordinate: 0.0000 ~ 0.8500

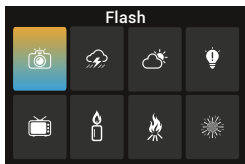
color temperature or color space: Gamut,

Rec.2020, DCI-P3, Rec.709, Black body



FX Mode

Short press the MODE button to enter mode selection, rotate and press the select dial to select FX mode, in which you can choose among the following 14 effects and adjust their respective parameters.



1. Flash

This light effect simulates the flash of a camera flash or a traditional flash bulb, often used to create a lively and dynamic atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
CCT/HUE: 1800K-10000K/0-360°
Trigger: Auto/Manual
Speed: 1-100
Mode: Camera Flash/Flash Bulb

2. Lightning

This effect simulates the natural thunder and lightning and is often used to create a tense, terrifying or mysterious atmosphere.

DIM: 0.0% -100%
Switch: Turn on/off the effect
CCT: 1800K-10000K
Trigger: Auto/Manual
Times: Random/1-10
Frequency: Random /2-20

3. Cloudy

This effect simulates the effect of cloud occlusion and is often used to create a gloomy, oppressive or sad atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Ratio: 30% -90%
Speed: Random/1-100

4. Broken Bulb

This effect simulates the effect of a broken bulb and is often used to create a dim atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
CCT/HUE: 1800K-10000K/0-360°
Speed: 1-100

5. TV

This effect simulates the effect of light from a television or screen and is often used to create a cold, mechanical or digital atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
Speed: 1-100

6. Candle

This effect simulates the effect of light from a candle and is often used to create a soft, warm, shimmering atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Speed: 1-100

7. Fire

This effect simulates the effect of light from flame and is often used to create a bright, warm, shimmering atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Speed: 1-100

8. Firework

This effect simulates the effect of light from fireworks and is often used to create a gorgeous, colorful, romantic atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Embers: 1-100
Speed: 1-100

9. Explosion

This effect simulates the effect of light from explosion and is often used to create a bright, fierce, shimmering atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
CCT/HUE: 1800K-10000K/0-360°
Trigger: Auto/Manual
Embers: 1-100
Speed: 1-100

10. Welding

This effect simulates the effect of light from welding and is often used to create a hot, mechanical atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
CCT/HUE: 1800K-10000K/0-360°
Speed: 1-100

11. Cop Car

This effect simulates the effect of light from cop car and is often used to create a tension, chasing atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: Red+Blue/Red/Blue/White+Blue/ Yellow+Blue/Yellow/Red+Blue+White/ Red+Yellow+Blue
Mode: 1-5

12. SOS SOS

This effect simulates the flashing effect of an SOS signal and is often used to create a dangerous, distress or emergency atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
Color: CCT/HSI
CCT/HUE: 1800K-10000K/0-360°

13. RGB Cycle

This effect simulates the effect cycle and change of colorful lights and is often used to create a fantasy, sci-fi atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
SAT: 0%-100%
Speed: 1-100

14. Party

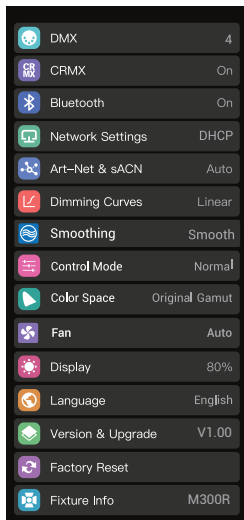
This effect simulates the effect of colorful lights, flashes and laser, and is often used to create a carnival, fun, high energetic atmosphere.

DIM: 0.0% -100.0%
Switch: Turn on/off the effect
SAT: 0%-100%
Speed: 1-100

Note: Please rotate the select dial to adjust the parameters, then press and rotate it to the next parameter. Select manual, the effect can be triggered once by pressing the select dial once. After a certain effect is set, press MODE button can return to the 14 effects interface.

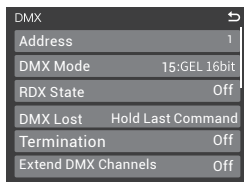
MENU Settings

Press the MENU button to enter menu interface, rotate and press the select dial to enter the following setting options, press the MENU button can return to the MENU interface.



DMX

Short press the select dial to enter DMX interface, press and rotate the select dial to adjust the following settings.

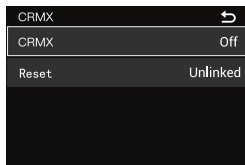


Level 1 Option	Level 2 Option	Description
Address	001-512	Initial address
DMX Mode	01: CCT 8 Bit	CCT mode in 8bit
	02: HSI 8 Bit	HSI mode in 8bit
	03: RGB 8 Bit	RGB mode in 8bit
	04: RGBW 8 Bit	RGBW mode in 8bit
	05: CCT+HSI 8 Bit	CCT+HSI mode in 8bit
	06: CCT+RGBW 8 Bit	CCT+RGBW mode in 8bit
	07: FX 8 Bit	FX mode in 8bit
	08: GEL 8 Bit	GEL mode in 8bit
	09: CCT 16 Bit	CCT mode in 16bit
	10: HSI 16 Bit	HSI mode in 16bit
	11: RGB 16 Bit	RGB mode in 16bit
	12: RGBW 16 Bit	RGBW mode in 16bit
	13: X-Y 16 Bit	X-Y mode in 16bit
	14: FX 16 Bit	FX mode in 16bit
	15: GEL 16 Bit	GEL mode in 16bit
RDM State	On	Turn on RDM, the controller can set the fixture address and DMX mode
	Off	Turn off RDM
DMX Lost	Hold Last Command	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.
	Black Out After 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.
Termination	On	Turn on DMX terminal
	Off	Turn off DMX terminal
Extend DMX Channels	On	Turn on extend DMX channels
	Off	Turn off extend DMX channels
DMX Table	Scan to check the DMX table	

Note: Please refer to the DMX mode specification to control the device by DMX/RDM. The electronic version can be downloaded from the official website <https://www.godox.com>.

CRMX

Short press the select dial to enter CRMX interface, press and rotate the select dial to turn on/off, or reset.



"Godox KNOWLED" app Downloading

Scan the QR code to download "Godox KNOWLED" app (Currently available for tablet download and use only).



CRMX BT to CRMX

1. First, connect the Android/iOS tablet to Godox TimoLink TRX via the CRMX BT module.
2. Then connect Godox TimoLink TRX to CRMX fixtures, or DMX fixtures (used with Godox TimoLink RX).
3. Finally, add the fixtures in "Godox KNOWLED" app to control them.

Android/iOS tablet



"Godox KNOWLED" App

Godox TimoLink TRX



CRMX BT



CRMX

Fixture with CRMX



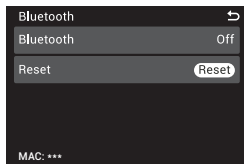
CRMX

Fixture without CRMX
need to be used with
Godox TimoLink RX

Note: TimoLink TRX and TimoLink RX are sold separately.

Bluetooth

Short press the select dial to enter Bluetooth interface, press and rotate the select dial to Bluetooth to turn it on or off. If you need to reset the Bluetooth, rotate the select dial to reset and press it. The MAC code is on the corner for quick check.



"GODOX Light" app Downloading

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

Note:

1. 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 the app.
2. The app should be version 3.0 or above.



Network Settings

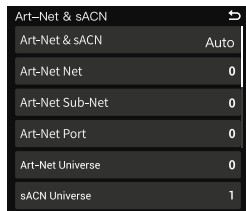
Short press the select dial to enter network settings interface, press and rotate the select dial to adjust the parameters as follows.

Network Settings	
Network Mode	Manual
IP	192 168 1 102
Subnet Mask	255 255 255 0
Gateway	192 168 1 1

Level 1 Option	Level 2 Option	Description
Network Mode	DHCP	DHCP mode
	Art-Net2.x	To use 2.B.C.D network
	Art-Net 10.x	To use 10.B.C.D network
	Manual	Set the network IP, subnet mask, and default gateway manually
IP	AAA.BBB.CCC.DDD	The ID address is assigned by DHCP in DHCP mode. The ID address is 2.B.C.D in Art-Net 2.x mode. The ID address is 10.B.C.D in Art-Net 10.x mode. In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
Subnet Mask	255.BBB.CCC.DDD	The subnet mask is 255.BBB.CCC.DDD and can not be adjusted by menu settings in DHCP/Art-Net 2.x/Art-Net 10.x mode. In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
Gateway	AAA.BBB.CCC.DDD	The gateway is assigned by DHCP in DHCP mode. The gateway is 2.B.C.D in Art-Net 2.x mode. The gateway is 10.B.C.D in Art-Net 10.x mode. In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255

Art-Net & sACN

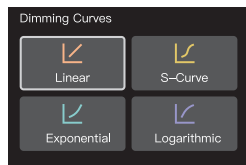
Short press the select dial to enter Art-Net & sACN interface, press and rotate the select dial to adjust the parameters as follows.



Level 1 Option	Level 2 Option	Description
Art-Net&sACN	Auto/Art-Net/sACN/OFF	Auto: Art-Net & sACN two protocols are accepted. Art-Net: Only Art-Net protocol. sACN: Only sACN protocol. Off: No network protocols are accepted. Art-Net network
Art-Net Net	0-127	Choose Art-Net subnet in Art-Net
Art-Net Sub-Net	0-15	network
Art-Net Port	0-15	Art-Net port
Art-Net Universe	0-32767	Art-Net universe
sACN Universe	1-63999	sACN universe

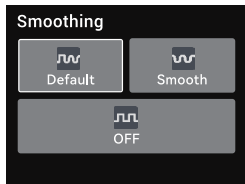
Dimming Curves

Short press the select dial to enter dimming curves interface, press and rotate the select dial to choose among linear, S-curve, exponential and logarithmic.



Smoothing

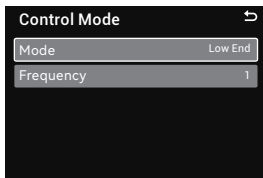
Short press the select dial to enter smoothing setting interface. Rotate and short press the select dial to choose among default, smooth and off.



Smoothing	Note
Default	The brightness data is basically smoothed to achieve smooth dimming and shorten the response time.
Smooth	The brightness data is smoothed to achieve ultra-smooth dimming with a slow response time.
Off	No smoothing of brightness data, fastest response time.

Control Mode

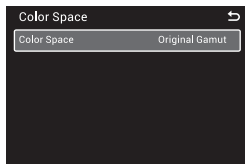
Short press the select dial to enter control mode interface. Rotate and short press the select dial choose the mode between normal, low end and highspeed, then short press and rotate the select dial can adjust the frequency of normal and low end modes from 1 to 10.



Control Mode	Suitable Environment	Dimming Feature	Blink
Normal	Normal dimming	Proper in the whole dimming range	Unlikely
Low End	TV series/Movie	Proper in low dimming	Probably
Highspeed	Not dimmable	/	No

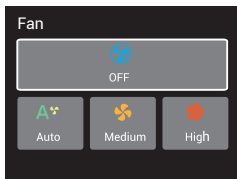
Color Space

Short press the select dial to enter color space interface, press and rotate the select dial to choose among original gamut, correction gamut, Rec.709 and DCI-P3.



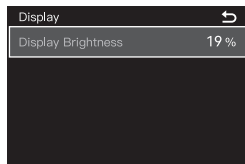
Fan

Short press the select dial to enter fan interface. Rotate and short press the select dial choose among off, auto, medium and high.



Display

Short press the select dial to enter display interface, press and rotate the select dial to adjust the display brightness from 10% to 100%.



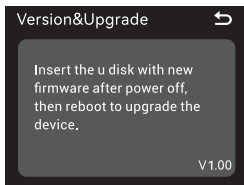
Language

Short press the select dial to enter language interface, press and rotate the select dial to choose between simplified Chinese and English.



Version & Upgrade

Short press the select dial to enter version & upgrade interface to check the firmware version and upgrade instruction.



Firmware Upgrade

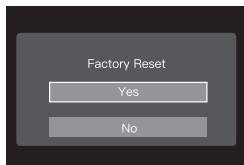
1. Download the new firmware to the U disk from official website (<https://www.godox.com/firmware-continuous-light>).
2. Turn off the device. Insert the U disk with new firmware into the USB-A port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return to main 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.
2. The USB-A port can only support output voltage and current of 5V=1.5A. Do not connect to over-rated USB device.

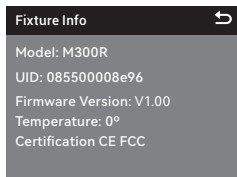
Factory Reset

Short press the select dial to enter factory reset interface to choose yes or no. If you choose yes, the device will automatically reset and reboot, then simplified Chinese and English options show on the display for your choice, after which the brightness will turn to 100% automatically.



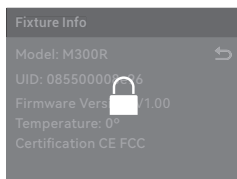
Fixture Info

Short press the select dial to enter fixture info interface to check the model, UID and firmware version.



Lock Setting

Short press the LOCK button, the panel is locked when <🔒> is displayed on the panel, press it again to unlock.

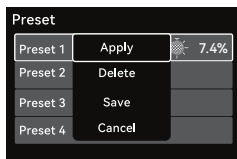
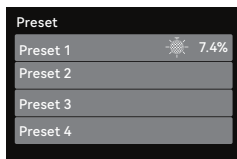


Note: The locking function only works on the controller panel, other operations are still available.

Preset Setting

Short press the PRESET button to enter preset effects interface. Rotate and press the select dial to choose and enter preset effects 1-20.

1. Short press the MODE button to enter the mode interface and set the desired parameters.
2. Short press the PRESET button to enter the preset interface, if you want to save this effect as preset 1, choose preset 1 and press the select dial to save.
3. You can apply, delete, save or cancel the preset groups by rotating and pressing the select dial.



CCT	Testing Condition	Unit	1m	2m	3m	5m
1800K	Bare Light	lux	6120	1620	710	269
		fc	569	151	66	25
	With Reflector BR30	lux	55400	11800	5040	1740
		fc	5150	1100	468	161
2800K	Bare Light	lux	12300	3190	1420	533
		fc	1140	297	132	50
	With Reflector BR30	lux	102000	21800	9180	3200
		fc	9450	2030	853	298
3200K	Bare Light	lux	12500	3270	1450	543
		fc	1160	304	134	50
	With Reflector BR30	lux	105000	22200	9520	3260
		fc	9750	2060	884	303
4300K	Bare Light	lux	12300	3180	1410	527
		fc	1140	295	131	49
	With Reflector BR30	lux	105000	21900	9360	3210
		fc	9750	2030	869	298
5600K	Bare Light	lux	11700	3020	1340	498
		fc	1090	280	125	46
	With Reflector BR30	lux	101000	21000	8980	3100
		fc	9420	1960	834	288
6500K	Bare Light	lux	11400	2920	1300	482
		fc	1060	271	121	45
	With Reflector BR30	lux	98600	20500	8760	3030
		fc	9160	1900	814	281
8500K	Bare Light	lux	10700	2740	1230	455
		fc	992	254	114	42
	With Reflector BR30	lux	92900	1930	8270	2840
		fc	8630	1790	768	264
10000K	Bare Light	lux	10400	2660	1190	441
		fc	962	247	110	41
	With Reflector BR30	lux	90200	18800	8020	2760
		fc	8380	1750	745	256

CCT	Testing Condition	Unit	1m	2m	3m	5m
R (Red)	Bare Light	lux	3450	887	405	147
		fc	321	82	38	14
	With Reflector BR30	lux	30800	6600	2850	995
		fc	2860	613	265	92
G (Green)	Bare Light	lux	7270	1830	831	301
		fc	676	170	77	28
	With Reflector BR30	lux	66800	14100	6060	2070
		fc	6210	1310	563	193
B (Blue)	Bare Light	lux	2070	522	238	86
		fc	193	49	22	8
	With Reflector BR30	lux	18200	3820	1640	564
		fc	1690	354	153	52

Highspeed Mode

CCT	Testing Condition	Unit	1m	2m	3m	5m
1800K	Bare Light	lux	7220	1910	833	317
		fc	670	177	77	30
	With Reflector BR30	lux	65700	13900	5900	2050
		fc	6100	1290	548	191
2800K	Bare Light	lux	14400	3770	1670	627
		fc	1340	350	155	58
	With Reflector BR30	lux	123000	25800	10800	3800
		fc	11400	2390	1010	353
3200K	Bare Light	lux	15000	3880	1720	644
		fc	1390	360	160	60
	With Reflector BR30	lux	127000	26600	11200	3920
		fc	11800	2470	1040	364
4300K	Bare Light	lux	14900	3840	1710	639
		fc	1390	357	159	59
	With Reflector BR30	lux	127000	26700	11200	3930
		fc	11800	2480	1040	365
5600K	Bare Light	lux	14700	3780	1690	625
		fc	1360	351	157	58
	With Reflector BR30	lux	126000	26300	11100	3880
		fc	11700	2440	1030	360
6500K	Bare Light	lux	14400	3730	1660	615
		fc	1340	346	154	57
	With Reflector BR30	lux	124000	26000	11000	3840
		fc	11500	2420	1020	356
8500K	Bare Light	lux	13600	3520	1570	583
		fc	1270	327	146	54
	With Reflector BR30	lux	118000	24800	10500	3650
		fc	11000	2300	972	339
10000K	Bare Light	lux	13300	3420	1530	566
		fc	1230	318	142	53
	With Reflector BR30	lux	115000	24200	10200	3570
		fc	10700	2250	946	332

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

Technical Data

Model	M300R
AC INPUT Port	Input: 100-240V ~ , 50/60Hz, 460W (Max.)
CCT Range	1800K-10000K
GM Adjust	-100% ~ 100%
Brightness Range	0.0% ~ 100.0%
Dimming Curves	linear, S-curve, exponential, logarithmic
FX Modes	14
CRI	≈96
TLCI	≈95
Light Body/Controller Protection Grade	IP54
Controlling Methods	DMX 512 controller, support RDM protocol/LumenRadio CRMX/Etherne/Art-Net&sACN protocol /Bluetooth app/ controller control
Bluetooth Controlling Distance	60m
USB-A Port	Firmware Upgrade/5V--- 1.5A Power Supply
Working Environment Temperature	-20°C ~ 45°C
Dimension (without U-type bracket and reflector)≈	Light Body: 7.09"*9.61"*6.14" Controller: 6.85"*5.67"*9.8"
Net Weight (without U-type bracket and reflector)≈	Light Body: 3.6kg
	Controller: 3.1kg

Specifications and data may subject to changes without notice.

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.

IC Warning

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Tout changement ou modification non expressément approuvé par la partie responsable de la réglementation de l'OCDE peut faire perdre à l'utilisateur le droit d'utiliser l'appareil.

Remarque: cet appareil a été testé pour répondre aux limites des appareils numériques de classe B conformément à la partie 15 des règles de la Federal Communications Commission des États-Unis. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans les installations résidentielles. L'appareil génère de l'énergie RF utilisée et rayonne, ce qui peut causer des interférences nocives pour les communications radio s'il n'est pas installé et utilisé conformément aux instructions. Cependant, aucun

Garantie contre les interférences dans une installation spécifique. Si l'appareil cause des interférences nuisibles à la réception de la radio ou de la télévision, qui peuvent être déterminées en éteignant et en allumant l'appareil, l'utilisateur est encouragé à tenter de corriger les interférences par une ou plusieurs des mesures suivantes:

- redirection ou repositionnement de l'antenne de réception.
- augmenter l'espacement entre l'appareil et le récepteur.
- Connecter l'appareil à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- consultez votre revendeur ou un technicien radio / tv expérimenté pour obtenir de l'aide.

Avertissement RF pour les appareils portables:

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. Équipement Peut être utilisé sans restriction dans des conditions d'exposition portables.

Warning

Operating frequency: 2402MHz – 2480MHz (BT) / 2402MHz – 2480MHz (CRMV only receive)

Maximum EIRP Power: 5dBm

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.

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。

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：

类别	名称	保修期（月）	保修服务类型
带电性能 的部件	电路板	12	客户送修
其他	反光罩、保护盖、U架、各类线材、 收纳包或其他包装	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

Applicable ProductsThe 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 isimplemented 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 with electrical properties	Circuit board	12	Customer sends the product to designated site
Other Items	Reflector, protection cover, U-type Bracket, cable, or other packages, etc.	NO	Without warranty

Godox After-sale Service Call 0755-29609320-8062

合格证

QC PASS



Wechat
Official Account
神牛微信公众号

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