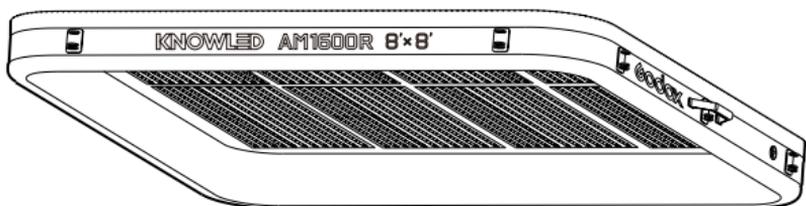


Godox



KNOWLED AM1600R

诺力全彩 LED 影视气垫灯
KNOWLED Full-color LED Inflatable Mat 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。



危险

- 本产品为摄影灯具，禁止儿童使用。当儿童靠近时，家长或陪护人必须密切监督，以免儿童因碰撞灯具或私用灯具造成人身伤害。
- 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。

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。
- 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。
- 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。



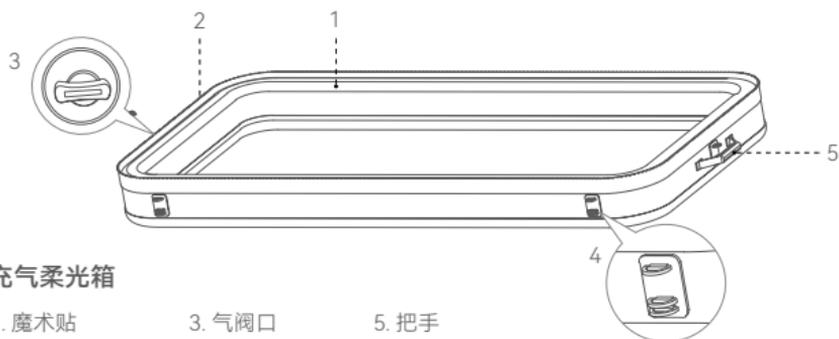
请勿直视光源

前言

感谢您购买神牛产品!

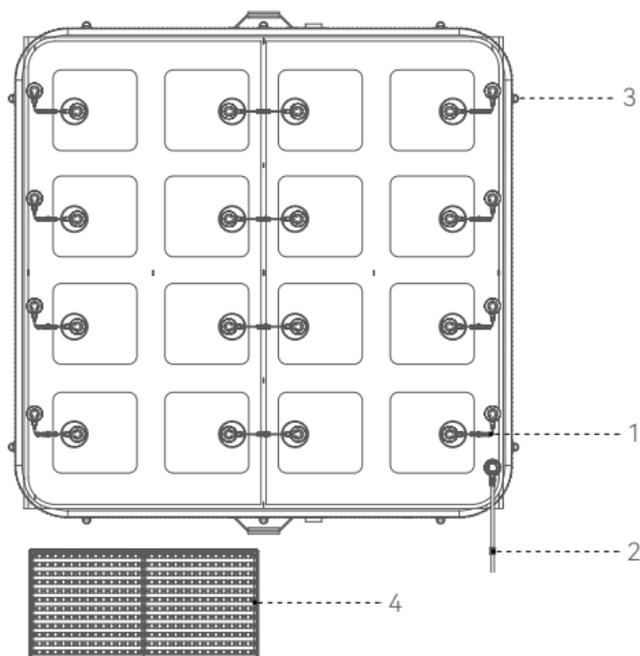
神牛全新推出全彩 LED 影视气垫灯 AM1600R，强劲功率，支持 100V-240V 供电，可在全球范围内使用；以宽广色温 1800K-10000K 可调节、超高亮度、千分级调光、IP54 级防水防尘、4 种调光曲线、多种无线控制等特性完美适用于大型摄影棚、影视基地、演播室、户外外景、大型实地场等拍摄场景。

部件名称



充气柔光箱

- 1. 魔术贴
- 2. 拉链
- 3. 气阀口
- 4. D扣
- 5. 把手

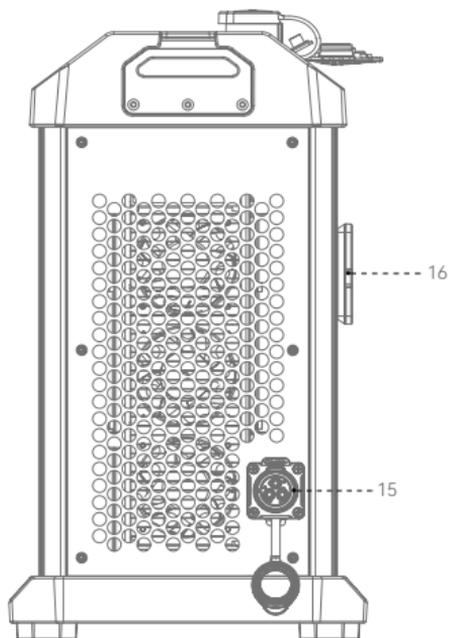
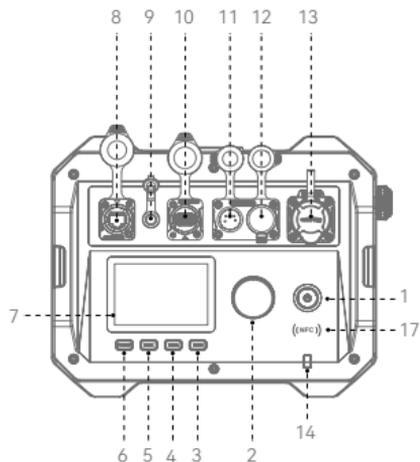


灯体

- 1. 连接线
- 2. DC 连接线
- 3. D扣
- 4. 灯珠

控制器

1. 开关按键
2. 调节旋钮
3. MODE 按键
4. MENU 按键
5. LOCK 按键
6. PRESET 按键
7. 彩屏
8. LAN 接口
9. CP 接口
10. USB-A 接口
11. DMX IN 接口
12. DMX OUT 接口
13. DC OUTPUT 接口
14. LED 状态灯
15. AC INPUT 接口
16. 快装装置
17. NFC 感应区



物品清单

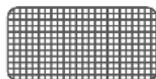
AM1600R 48K



灯体 ×1
(AM48R)



充气蝶布框 ×1
(AF48K)



格栅 ×1
(AF48G)



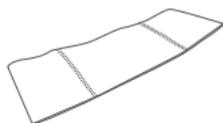
柔光布 ×1
(AM1600R 4'×8' D11-32)



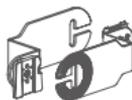
柔光布 ×1
(AM1600R 4'×8' D13-30)



半球柔光箱 ×1
(AP48)



裙边 ×1
(AF48S)



框架支撑座 (含左件、右件) ×1
(AMS)



控制器固定件 ×1



控制器 ×1
(AM1600R)



直流电源线 ×1



交流电源线 ×1



安全绳 ×4



支撑背绳 ×2



修补套装 ×1



充气泵 ×1

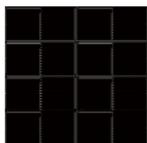


控光附件包 ×1



航空箱 ×1

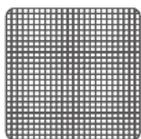
AM1600R 88K



灯体 ×1
(AM88R)



充气蝶布框 ×1
(AF88K)



格栅 ×1
(AF88G)



柔光布 ×1
(AM1600R 8'x8' D11-32)



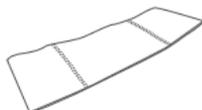
柔光布 ×1
(AM1600R 8'x8' D13-30)



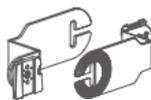
软膜天花 ×1



半球柔光箱 ×1
(AP88)



裙边 ×1
(AF88S)



框架支撑座 (含左件、右件) ×1
(AMS)



控制器 ×1
(AM1600R)



控制器固定件 ×1



直流电源线 ×1



交流电源线 ×1



安全绳 ×4



支撑背绳 ×2



充气泵 ×1



修补套装 ×1



控光附件包 ×1



航空箱 ×1

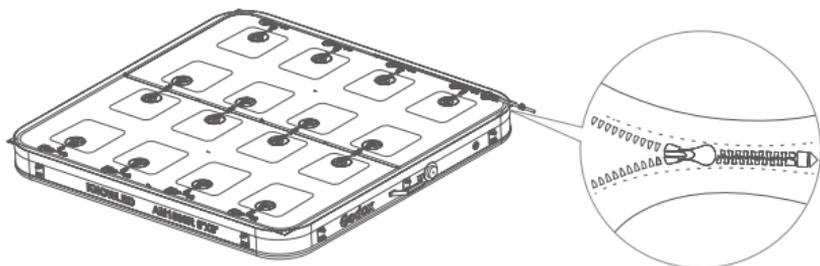
温馨提示: 说明书中线图均为示意图, 仅供参考。

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。

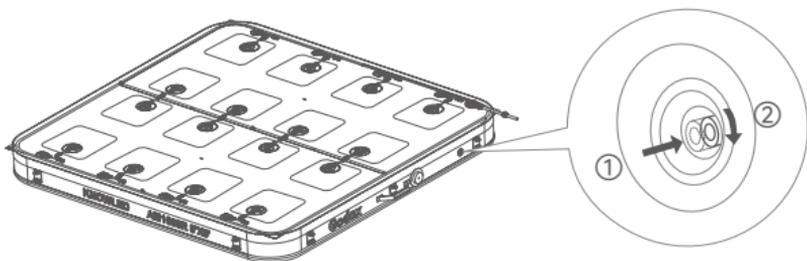
安装方法

充气蝶布框

1. 将未充气状态的充气蝶布框拉链朝上铺在干净平面，与灯体拉链对准后拉好四周拉链。



2. 充气蝶布框气阀口有锁环，按压并旋转 90° (锁环至最底) 为泄气状态；再次按住旋转 90° (锁环弹起) 为密封模式，可充气。



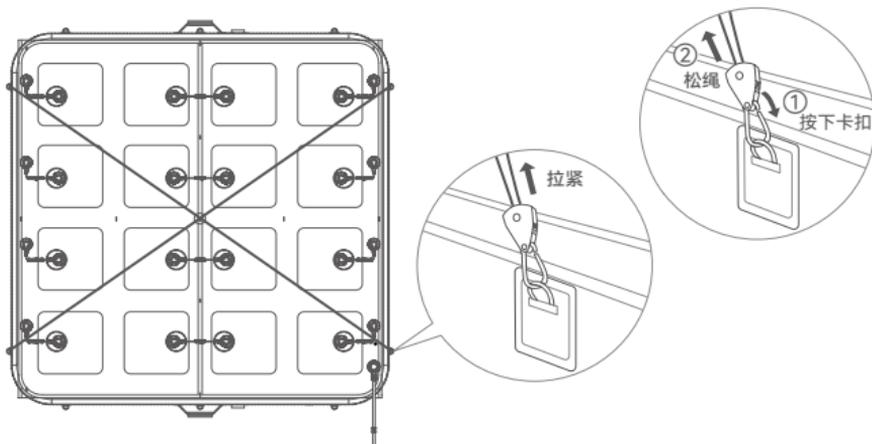
3. 充气泵气管插入气阀口的同时顺时针旋转锁紧，充气泵开机后将充气压力值设为 8Psi 再短按充气按键，充至设定值 8Psi 后自动停止充气。



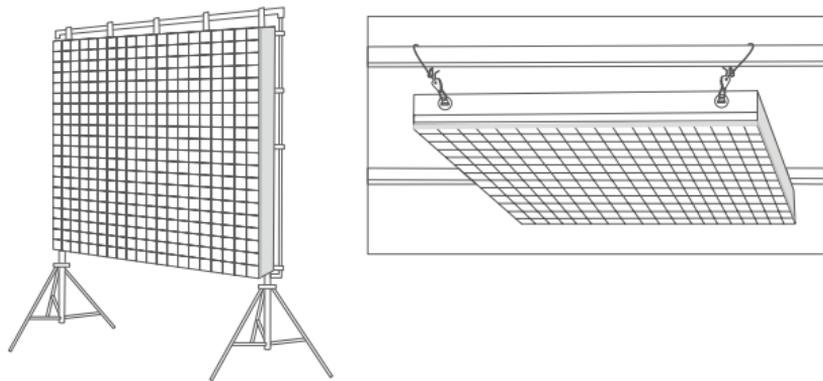
4. 充气完成后关闭充气泵并拔除，盖上汽阀盖子顺时针旋转锁紧。



5. 使用两条支撑背绳从中间D扣穿入呈X形状,分别扣在充气蝶布框的四角D扣上,再拉紧,将支撑背绳松开只需按下卡扣同时抽出绳子即可。

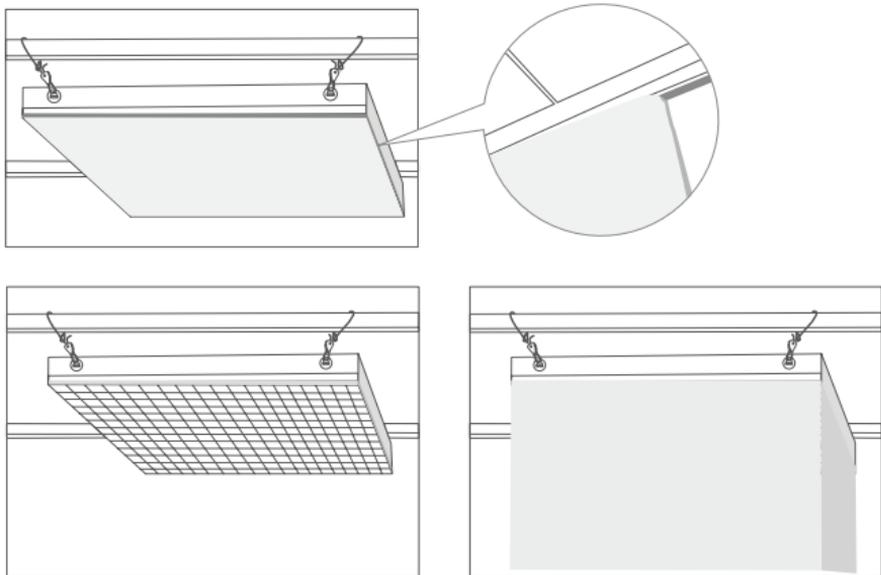


6. 将整体抬起可立式或吊装,需将四条安全绳分别扣在灯具四角D扣上。



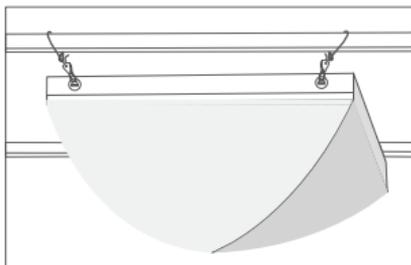
柔光布 / 软膜天花 / 格栅 / 裙边

利用魔术贴粘至充气蝶布框上, 根据需要的效果自行叠加。



半球柔光箱

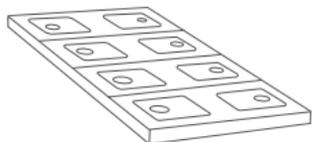
两根骨架穿入四角固定, 呈 X 形状将柔光箱撑起后, 粘至充气蝶布框上。



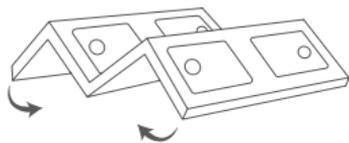
收纳指引

AM48R

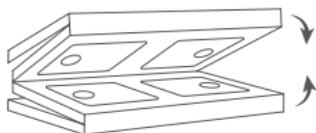
1. 灯珠面朝下铺于干净平面上



2. 按指引依次折叠首尾部分，即底下同一平面上的灯珠模块相贴合，首尾两端操作相同

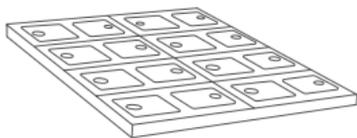


3. 首尾部分折叠完，沿中心再次折叠，从侧面看整体成 M 字型

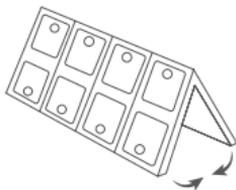


AM88R

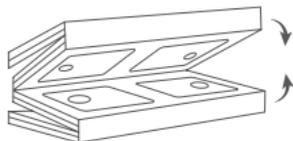
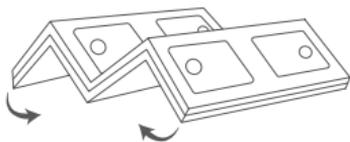
1. 灯珠面朝下铺于干净平面上



2. 查看指引，沿中心折叠，即底下同一平面上的灯珠模块相贴合，折好后将整体往右放倒。



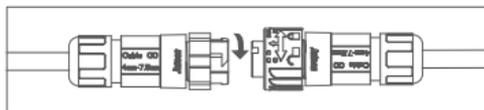
3. 参考上面 AM48R 的第 2 步骤 (折叠首尾两端)、第 3 步骤 (中心再次折叠)。



注：需沿着模块间的缝隙折叠，禁止折弯灯板。

灯体模块拆卸

如灯体模块更换需要拆卸, 先将连接线锁环向 <  > 方向拧松后拔出, 首尾两端连接线都拔出后将灯体从魔术贴上撕下来即可。



注: AM48R 与 AM88R 灯体模块不兼容, 更换模块时需匹配对应型号。

气垫修补

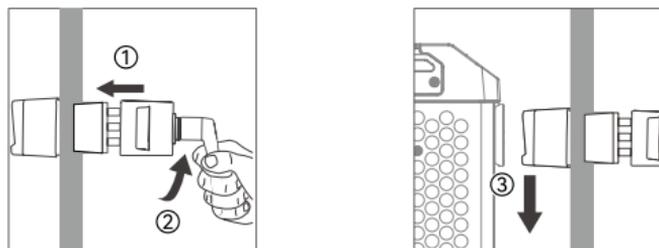
如遇充气垫磨损导致漏气, 可按以下方式进行修补。

1. 取出修补套装, 在气垫漏气位置刷上胶水。
2. 剪下一块补丁贴并刷上胶水, 静置约两分钟。
3. 两分钟后将补丁胶水面粘在漏气位置, 使用吹风筒稍微加热同时按压抚平, 避免修补位置出现褶皱或气泡即可。



将控制器安装到灯架上

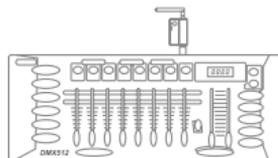
将控制器固定件把手拧松后插入灯架杆, 顺时针旋转把手锁紧固定件, 最后将控制器快装装置对准固定件卡槽插入。



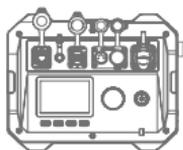
连接 DMX 控制台

1. 无线 DMX 连接

LumenRadio CRMX TX



DMX512



CRMX



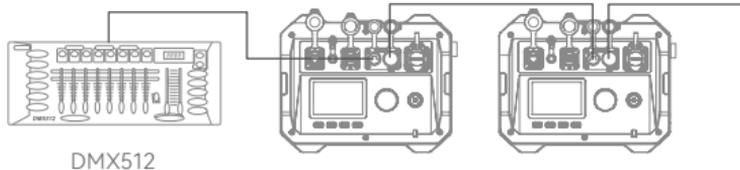
CRMX



CRMX

2. 有线 DMX 连接

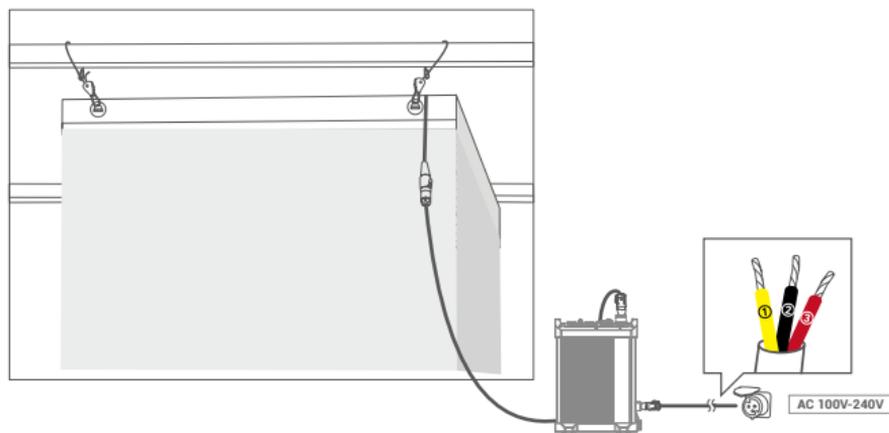
连接多台



DMX512

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



交流电源线接线说明

①号黄线为地线，②号黑线为零线，③号红线为火线，请您根据对应的线路连接插头后使用。
注：

1. 此设备必须连接至具备可靠接地功能的电源插座使用。
2. 请在支持的电压范围内接入，禁止接入 380V 电源，因违规操作导致设备烧毁或损坏的，本公司不承担任何保修、维修、更换或赔偿责任。
3. 在拆装直流和交流电源线时请先关闭电源，严禁通电时插拔。

开关机

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。



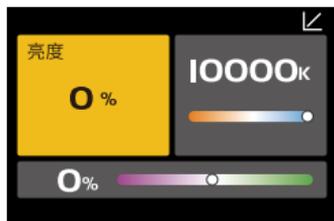
CCT 模式

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。

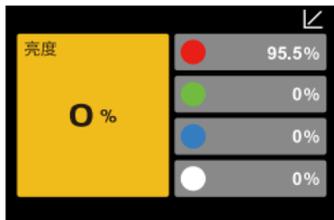
亮度范围: 0.0% ~ 100.0%

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



色片组类型 (R-GEL)

COR./CAL./SPC./CINE.

色片组类型 (L-GEL)

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

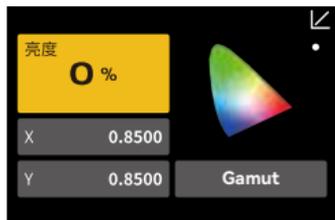
短按 MODE 按键进入模式选择, 选中 X-Y 后短按调节旋钮进入该模式, 可选亮度 / X 坐标 / Y 坐标 / 颜色温度。

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。



光效	亮度	颜色	色温 / 色相	速度	其他
闪光灯	0.0% -100.0%	CCT/HSI	1800K-10000K /0-360°	1-100	模式: 闪光灯 / 镁光灯 触发: 自动 / 手动
雷闪电		×	1800K-10000K	×	闪烁次数: 随机 /1-10 频率: 随机 /2-20 触发: 自动 / 手动
多云		×	×	随机 /1-100	亮暗比例: 30%-90%
坏灯泡		CCT/HSI	1800K-10000K /0-360°	1-100	×
电视机		CCT/HSI	×	1-100	×
蜡烛		×	×	1-100	×
火		×	×	1-100	×
烟花		×	×	1-100	余烬: 1-100
爆炸		CCT/HSI	1800K-10000K /0-360°	1-100	余烬: 1-100 触发: 自动 / 手动
焊接		CCT/HSI	1800K-10000K /0-360°	1-100	×
警车		红 + 蓝、红、 蓝、蓝 + 白、 蓝 + 黄、黄、 红 + 白 + 蓝、 红 + 黄 + 蓝	×	×	模式: 1-5
SOS		CCT/HSI	1800K-10000K /0-360°	×	×
彩光循环		×	×	1-100	饱和度: 0%-100%
派对		×	×	1-100	饱和度: 0%-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; 每个光效均可设置开启或关闭; 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 按键返回上一级。

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 按键返回上一级。



DMX

短按调节旋钮进入 DMX，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: X-Y 8 Bit	8 位 X-Y 模式
	06: CCT+HSI 8 Bit	8 位 CCT+HSI 模式
	07: CCT+RGBW 8 Bit	8 位 CCT+RGBW 模式
	08: FX 8 Bit	8 位 FX 模式
	09: GEL 8 Bit	8 位 GEL 模式
	10: CCT 16 Bit	16 位 CCT 模式
	11: HSI 16 Bit	16 位 HSI 模式
	12: RGB 16 Bit	16 位 RGB 模式
	13: RGBW 16 Bit	16 位 RGBW 模式
	14: X-Y 16 Bit	16 位 X-Y 模式
	15: FX 16 Bit	16 位 FX 模式
	16: GEL 16 Bit	16 位 GEL 模式
	17: ULTIMATE 8Bit	8 位 ULTIMATE DMX 模式
	18: ULTIMATE 16Bit	16 位 ULTIMATE DMX 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，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，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

扫描下面二维码即可下载“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

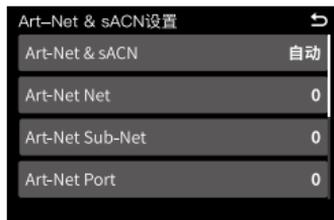
短按调节旋钮进入以太网, 通过短按并旋转调节旋钮设置网络模式, 如下表所示。

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 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，灯光默认网关址则为 2.B.C.D。 如果 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，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

功率限制

短按调节旋钮进入功率限制，通过短按并旋转调节旋钮进行设置，选定后短按调节旋钮完成设置。

功率限制: 开启 / 关闭

最大限制: 10% -100%

注: 1. 在供电环境无法满足开机状态下, 在关机状态下启动此功能, 同时按压 LOCK 按键和 MODE 按键, 开机自动进入功率限制模式 (默认功率限制 50%)。

2. 功率限制开启后不支持高速模式。



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

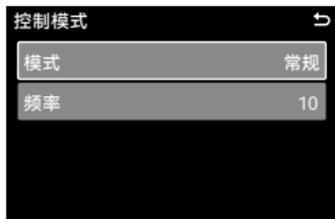
短按调节旋钮进入平滑度，通过旋转调节旋钮可选默认 / 平滑 / 平滑关，选定后短按调节旋钮完成设置。



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，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，范围：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，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。



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%。



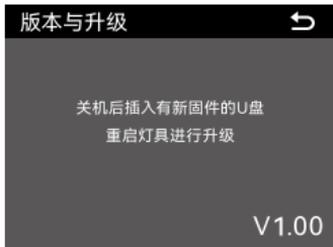
语言

短按调节旋钮进入语言，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. 必须在官网上下载新固件，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 = 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，此界面可查看当前设备的基础信息。



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。

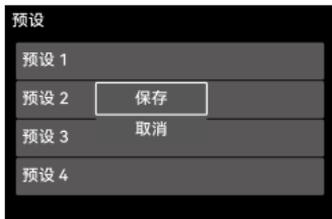


注：此锁定功能仅锁定控制器操控面板，其他操作方式仍可正常进行。

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

AM48R

色温	测试条件	照度单位	1m	3m	5m	10m
1800K	裸灯	lux	8450	1660	662	181
		fc	785	154	62	17
2800K		lux	26800	5180	2070	554
		fc	2490	481	192	51
3200K		lux	29700	5710	2270	611
		fc	2759	530	211	57
4300K		lux	33300	6360	2520	676
		fc	3094	591	234	63
5600K		lux	35300	6730	2670	715
		fc	3279	625	248	66
6500K		lux	33700	6420	2550	685
		fc	3131	596	237	64
7500K		lux	29400	5600	2230	596
		fc	2731	520	207	55
8500K	lux	30500	5790	2300	615	
	fc	2834	538	214	57	
10000K	lux	31000	5870	2330	622	
	fc	2880	545	216	58	
R (红光)	lux	3690	752	306	85	
	fc	343	70	28	8	
G (绿光)	lux	11300	2110	828	226	
	fc	1050	196	77	21	
B (蓝光)	lux	2690	498	199	57	
	fc	250	46	18	5	

AM88R

色温	测试条件	照度单位	1m	3m	5m	10m
1800K	裸灯	lux	8540	2140	933	256
		fc	793	199	87	24
2800K		lux	18900	4920	2060	573
		fc	1756	457	191	53
3200K		lux	21000	5470	2290	635
		fc	1951	508	213	59
4300K		lux	23000	6010	2510	697
		fc	2137	558	233	65
5600K		lux	24600	6390	2660	739
		fc	2285	594	247	69
6500K		lux	22200	5750	2410	665
		fc	2062	534	224	62
7500K		lux	20200	5270	2200	610
		fc	1877	490	204	57
8500K		lux	20600	5350	2230	616
		fc	1914	497	207	57
10000K	lux	21300	5510	2310	638	
	fc	1979	512	215	59	
R (红光)	lux	3400	846	369	105	
	fc	316	79	34	10	
G (绿光)	lux	8740	2180	900	252	
	fc	812	203	84	23	
B (蓝光)	lux	1910	490	202	63	
	fc	177	46	19	6	

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	AM1600R
AC INPUT 接口	100V-240V ~ 50/60Hz 1800W
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	≈ 97
灯体 / 控制器防水等级	IP54
控制方式	无线或有线 DMX/RDM, CRMX, 以太网, 蓝牙, 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 (裸灯不含充气蝶布框) ≈	AM48R 裸灯: 230cm*110cm
	AM88R 裸灯: 230cm*230cm
	AM1600R 控制器: 27cm*22cm*37cm
净重 (裸灯不含充气蝶布框) ≈	AM48R 裸灯: 7.7kg
	AM88R 裸灯: 15kg
	AM1600R 控制器: 11kg

设计和规格如有变更, 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.



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.
- Do not block or cover the heat dissipation port of the product.
- After use, the product should be completely cooled before packaging.
- 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.



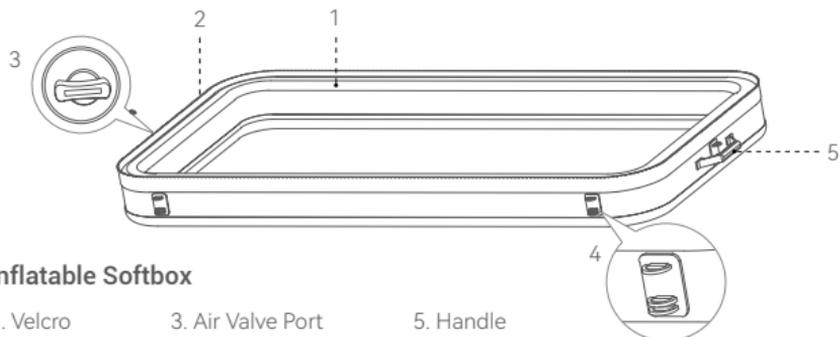
Do not stare at the operating light source.

Foreword

Thank you for purchasing!

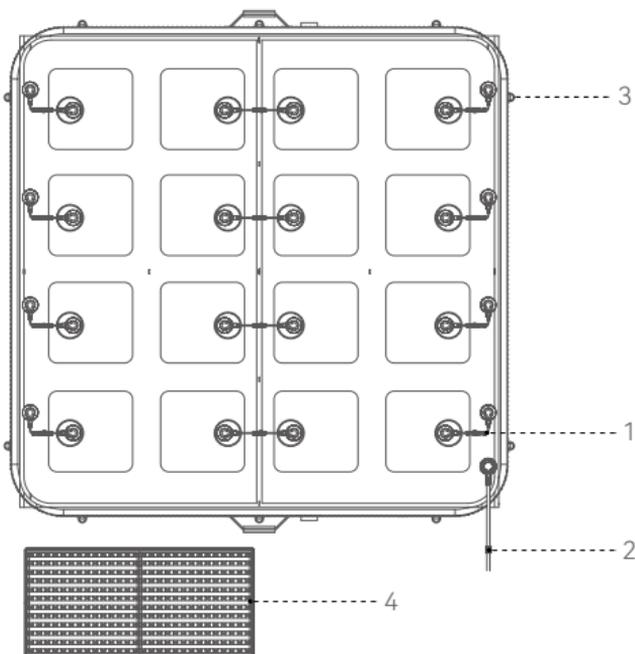
KNOWLED full-color LED inflatable mat light AM1600R is Godox's latest LED product. With a voltage range of 100V to 240V, it's suitable for global usage. Featuring 1800K-10000K wide CCT range, ultra-high brightness, thousand-bit dimming, IP54 protection grade, 4 dimming curves, and various wireless control methods, it's perfect for large film studios, film and television shooting, broadcast studios, outdoor exteriors and large field scenes.

Names of Parts



Inflatable Softbox

- | | | |
|-----------|-------------------|-----------|
| 1. Velcro | 3. Air Valve Port | 5. Handle |
| 2. Zipper | 4. D Buckle | |

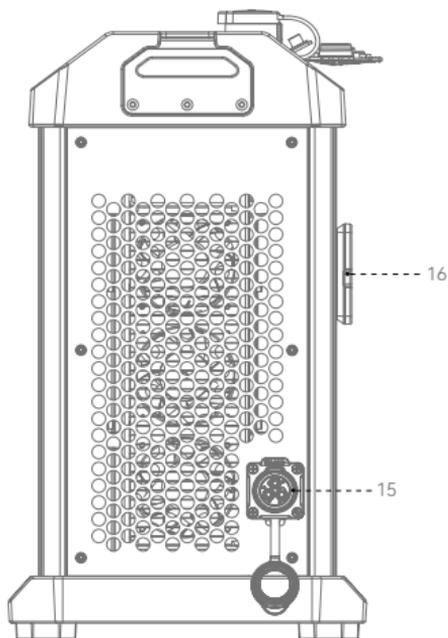
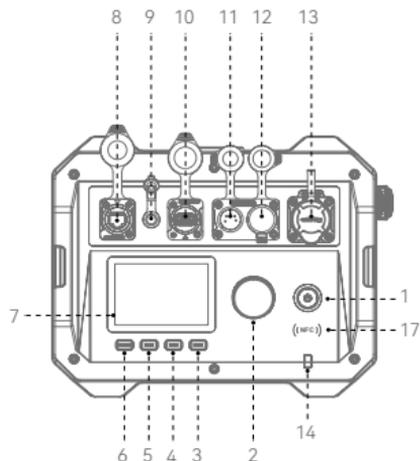


Light Body

- | | | | |
|---------------------|------------------------|-------------|----------------|
| 1. Connecting Cable | 2. DC Connecting Cable | 3. D Buckle | 4. Light Beads |
|---------------------|------------------------|-------------|----------------|

Controller

1. Power Switch Button
2. Select Dial
3. MODE Button
4. MENU Button
5. LOCK Button
6. PRESET Button
7. Display
8. LAN Port
9. CP Port
10. USB-A Port
11. DMX IN Port
12. DMX OUT Port
13. DC OUTPUT Port
14. LED Status Indicator
15. AC INPUT Port
16. Quick Install Device
17. NFC Sensing Area



What's Inside

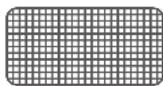
AM1600R 48K



Light Body x1
(AM48R)



Inflatable Butterfly Frame x1
(AF48K)



Grid x1
(AF48G)



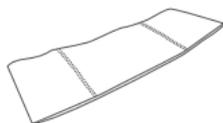
Diffuser Fabric x1
(AM1600R 4'x8'D11-32)



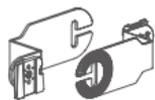
Diffuser Fabric x1
(AM1600R 4'x8'D13-30)



Pancake Lantern x1
(AP48)



Skirt x1
(AF48S)



Frame Supporter
(including left and right pieces) x1
(AMS)



Controller
Mounting Device x1



Controller x1
(AM1600R)



DC Power Cord x1



AC Power Cord x1



Safety Rope x4



Supporting
Back Strap x2



Repair Kit x1



Air Pump x1

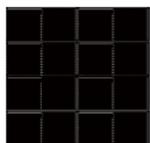


Optical Accessories Kit x1



Flight Case x1

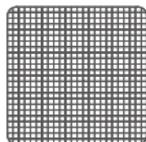
AM1600R 88K



Light Body ×1
(AM88R)



Inflatable Butterfly Frame ×1
(AF88K)



Grid ×1
(AF88G)



Diffuser Fabric ×1
(AM1600R 8'x8'D11-32)



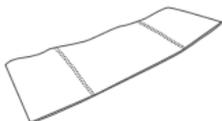
Diffuser Fabric ×1
(AM1600R 8'x8'D13-30)



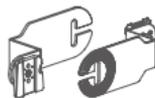
Soft Film *1



Pancake Lantern ×1
(AP88)



Skirt ×1
(AF88S)



Frame Supporter
(including left and right pieces) ×1
(AMS)



Controller ×1
(AM1600R)



Controller
Mounting Device ×1



DC Power Cord ×1



AC Power Cord ×1



Safety Rope ×4



Supporting
Back Strap ×2



Air Pump ×1



Repair Kit ×1



Optical Accessories Kit ×1



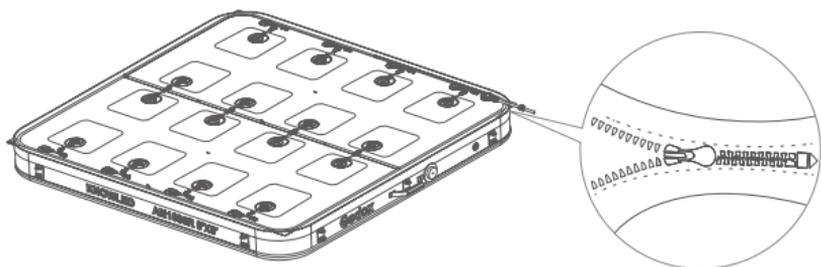
Flight Case ×1

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.

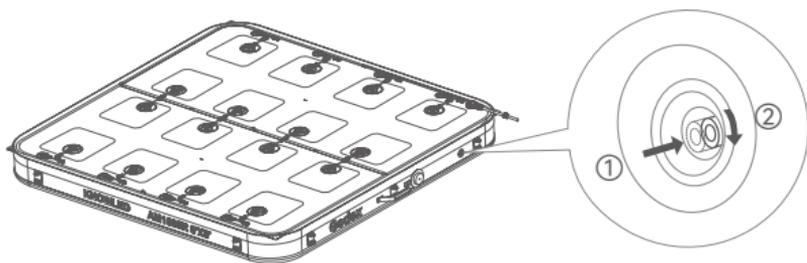
Installation Instructions

Inflatable Butterfly Frame

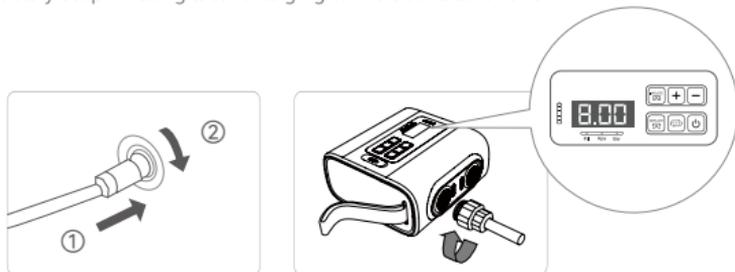
1. Lay the inflatable butterfly frame (deflated status) on a clean surface with the zipper facing upwards, align it with the zipper of the light body and zipper it up all around.



2. There is a locking ring inside the air valve port of the inflatable butterfly frame, press and rotate it 90° to the bottom to make it deflated, then press and rotate again 90° until it pops up to make it sealed, which means it can be inflated.



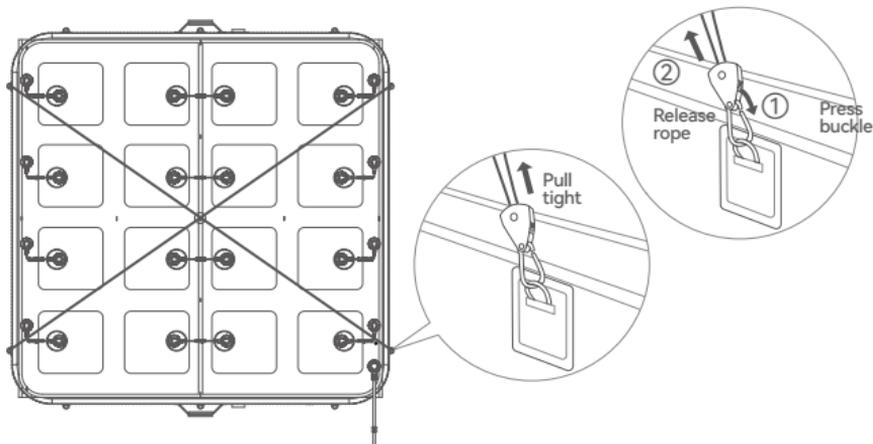
3. Insert the air pipe of the pump into the air valve port and rotate it clockwise to lock. Turn on the pump, set the inflation pressure to 8psi and press the inflation button, it will automatically stop inflating after charging to the set value of 8Psi.



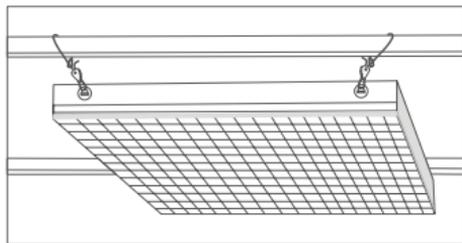
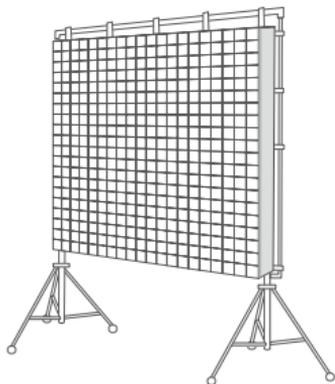
4. Turn off the pump and disconnect it after the inflation, close the air valve port cover and rotate clockwise to lock.



5. Use two supporting back straps to thread the center D-buckle into the shape of an X, fasten them respectively to the D-buckles at four corners of the inflatable butterfly frame, then pull the straps tightly. To remove the straps, just press the buckles and pull out the straps at the same time.

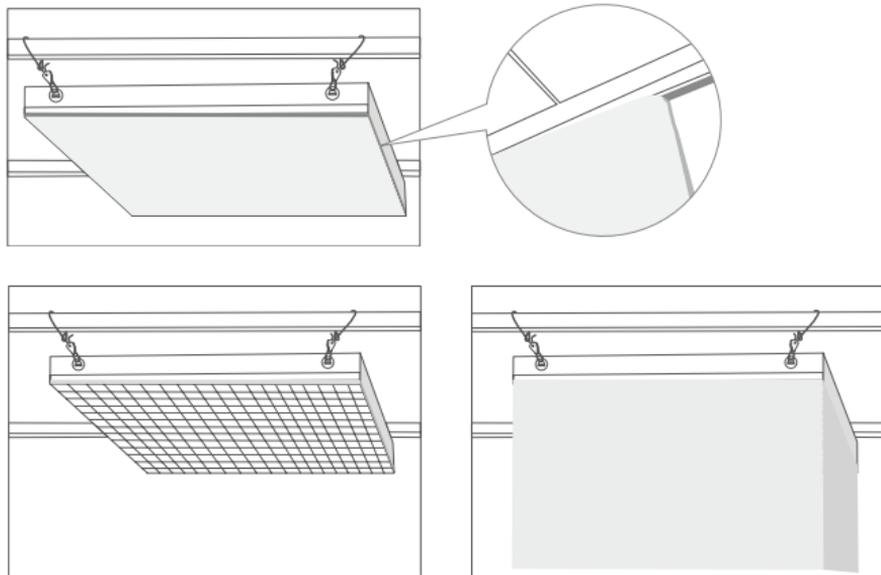


6. The whole can be lifted upright installation or hoisting, fasten the four safety ropes onto the four corners of the D buckle.



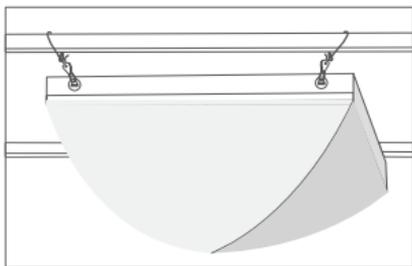
Diffuser Fabric/Soft Film/Grid/Skirt

Attach to the velcro on the inflatable butterfly frame, available to be stacked according to the desired effect.



Pancake Lantern

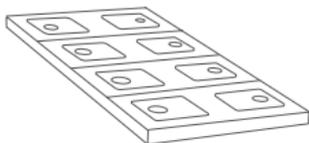
Thread the two poles into the four holes on the corner and hold up the lantern softbox into the shape of an X, then attach to the inflatable butterfly frame.



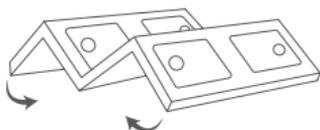
Storage Instructions

AM48R

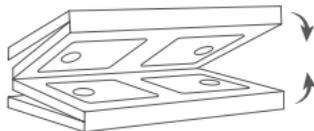
1. Lay the light beads face down on a clean surface.



2. Fold the top and bottom parts in turn according to the instructions, i.e., the light bead modules on the same plane underneath fit together, the same operation at the other ends.

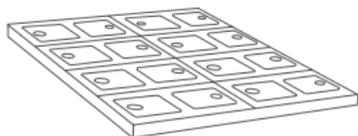


3. After folding the top and bottom parts, fold it along the center again, to make it look into an M-shaped shape from the side.

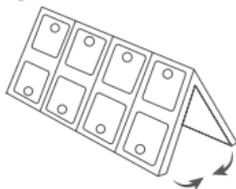


AM88R

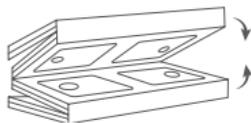
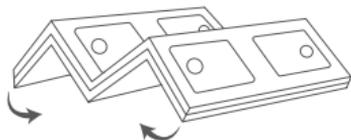
1. Lay the light beads face down on a clean surface.



2. Fold along the center according to the instructions, i.e., the light bead modules on the same plane underneath fit together, and put the whole thing down to the right after folding.



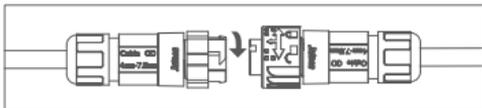
3. Fold the top and bottom parts (refer to the step 2 of AM48 above), then fold along the center again (refer to the step 3 of AM48 above).



Note: Fold along the center of light bead modules. Prohibit bending of light boards.

Light Body Disassembly

If the light body needs to be disassembled for replacement, loosen the connecting cable lock ring in the direction and pull it out, and then tear the light body off the velcro after pulling out both ends of the connecting cable.

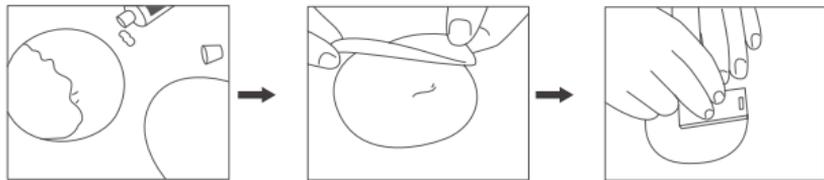


Note: The light bead modules of AM48R and AM88R are not compatible, please use the correct model when changing light bead modules.

Repairment

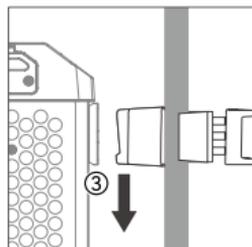
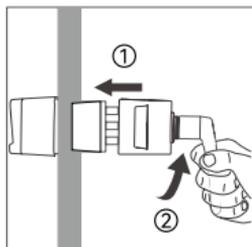
In case of air leakage due to wear and tear, it can be repaired as follows.

1. Take out the repair kit and brush the glue on the leakage position.
2. Cut off a patch and brush it with glue then leave it for about two minutes.
3. After two minutes, stick the adhesive surface of the patch on the leakage position, use a hair dryer to heat it slightly, press to smooth it out to avoid wrinkles or air bubbles in the repair position.



Install the Controller onto the Light Stand

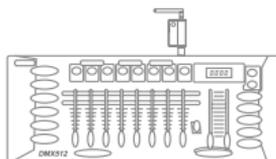
Loosen the handle of controller mounting device and insert the light stand pole, rotate the handle clockwise to lock the mounting device, then align the quick install device with the slot of mounting device and insert it.



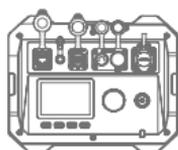
DMX Connection

1. Wireless DMX Connection

LumenRadio CRMX TX



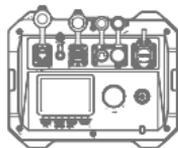
DMX512



CRMX



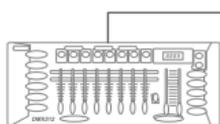
CRMX



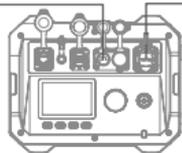
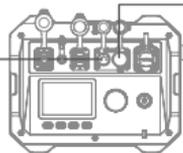
CRMX

2. Wired DMX Connection

Multiple connections

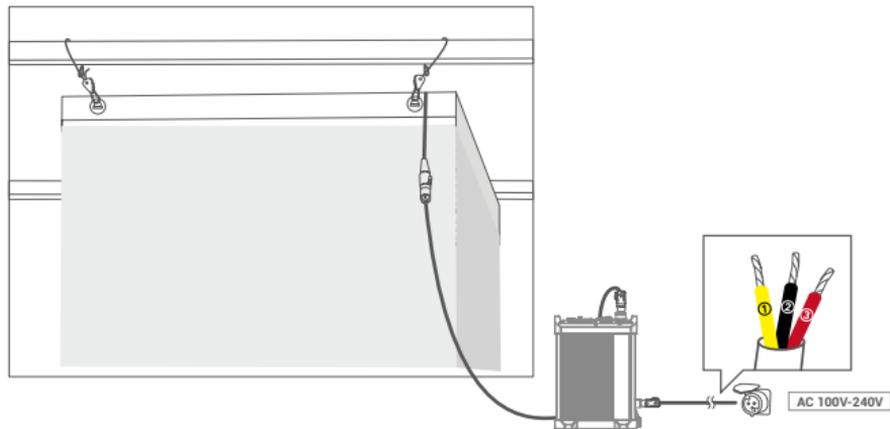


DMX512



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 Cord Instructions

The No. 1 yellow wire is the earth wire, the No. 2 black wire is the neutral wire, and the No. 3 red wire is the live wire, please connect the plug according to the corresponding wire.

Note:

1. This device must be connected to a power outlet with a reliable grounding function.
2. Please access in the above supported voltage range, prohibit access to the 380V power supply. The company does not assume any warranty, repair, replacement or compensation responsibility for the equipment burned or damaged due to illegal operation.
3. Please turn off the power when disassembling and installing the AC and DC power cords, it is strictly forbidden to plug and unplug when the power is on.

Power Switch

Press the power switch button 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.



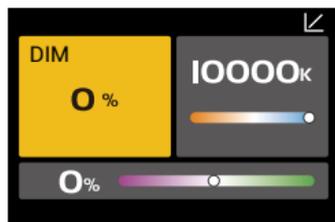
CCT Mode

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%



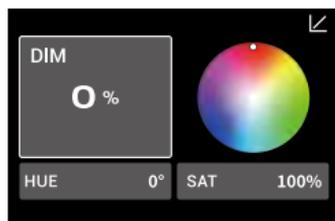
HSI Mode

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.

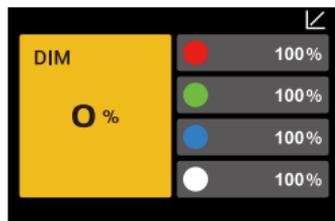
DIM range: 0.0% -100.0%

Red range: 0.0% -100.0%

Green range: 0.0% -100.0%

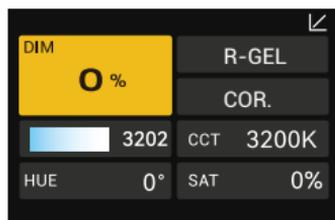
Blue range: 0.0% -100.0%

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%

X-Y Mode

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

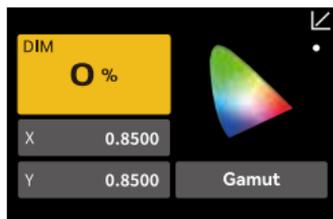
DIM range: 0.0% -100.0%

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.



Effect	DIM	Color	CCT/HUE	Speed	Others
Flash	0.0% -100.0%	CCT/HSI	1800K-10000K /0-360°	1-100	Mode: Camera Flash /Flash Bulb Trigger: Auto/Manual
Lightning		x	1800K-10000K	x	Times: Random/1-10 Frequency: Random /2-20 Trigger: Auto/Manual
Cloudy		x	x	Random /1-100	Ratio: 30% -90%
Broken Bulb		CCT/HSI	1800K-10000K /0-360°	1-100	x
TV		CCT/HSI	x	1-100	x
Candle		x	x	1-100	x
Fire		x	x	1-100	x
Firework		x	x	1-100	Embers: 1-100
Explosion		CCT/HSI	1800K-10000K /0-360°	1-100	Embers: 1-100 Trigger: Auto/Manual
Welding		CCT/HSI	1800K-10000K /0-360°	1-100	x
Cop Car		Red+Blue, Red, Blue, Blue+ White, Blue+ Yellow, Yellow, Red+White+ Blue, Red+ Yellow+Blue	x	x	Mode: 1-5
SOS		CCT/HSI	1800K-10000K /0-360°	x	x
RGB Cycle		x	x	1-100	SAT: 0%-100%
Party		x	x	1-100	SAT: 0%-100%

Note: Please rotate the select dial to adjust the parameters, then press the and rotate the select dial to the next parameter. Each effect can be turned on or off individually. 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 previous 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: X-Y 8 Bit	X-Y mode in 8bit
	06: CCT+HSI 8 Bit	CCT+HSI mode in 8bit
	07: CCT+RGBW 8 Bit	CCT+RGBW mode in 8bit
	08: FX 8 Bit	FX mode in 8bit
	09: GEL 8 Bit	GEL mode in 8bit
	10: CCT 16 Bit	CCT mode in 16bit
	11: HSI 16 Bit	HSI mode in 16bit
	12: RGB 16 Bit	RGB mode in 16bit
	13: RGBW 16 Bit	RGBW mode in 16bit
	14: X-Y 16 Bit	X-Y mode in 16bit
	15: FX 16 Bit	FX mode in 16bit
	16: GEL 16 Bit	GEL mode in 16bit
	17: ULTIMATE 8Bit	ULTIMATE DMX mode in 8bit
	18: ULTIMATE 16Bit	ULTIMATE DMX 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 on 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



Fixture with CRMX

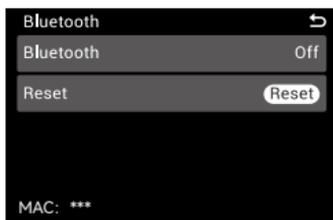


Fixture without CRMX
need to be used with
Godox TimoLink RX

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 tablet). When change to other mobile device (smartphone or tablet), the light shall be reset before the normal connection of the app.
2. The app should be version 3.0 or above.



Network Settings

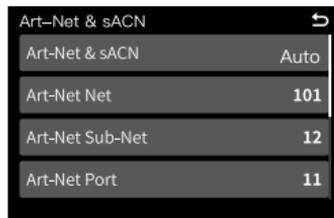
Short press the select dial to enter network settings interface, press and rotate the select dial to adjust the parameters as follows.

Network Settings		↩	
Network Mode	DHCP		
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 Net	0-127	Art-Net network
Art-Net Sub-Net	0-15	Choose Art-Net subnet in Art-Net network
Art-Net Port	0-15	Art-Net port
Art-Net Universe	0-32767	Art-Net universe
sACN Universe	1-63999	sACN universe

Power Limit

Short press the select dial to enter power limit interface, press and rotate the select dial to turn on or off, and adjust the maximum limit.

Power Limit: On/Off

Maximum Limit: 10%-100%

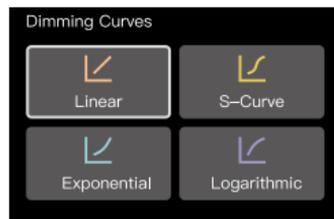
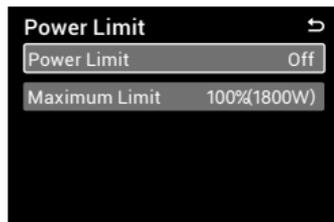
Note:

1.If the power supply is unable to meet the requirements for powering on, you can activate this function while the device is in powered-off state: simultaneously press the LOCK button and MODE button, it will automatically enter the power limit mode upon startup (default power limit is set to 50%).

2.HSS mode is unavailable if the power limit is turned on.

Dimming Curves

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



Smoothing

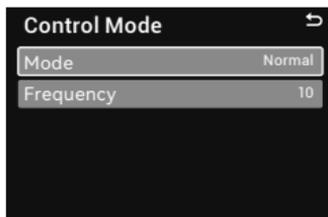
Short press the select dial to enter smoothing interface. Rotate and short press the select dial to choose among default, smooth and off.



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

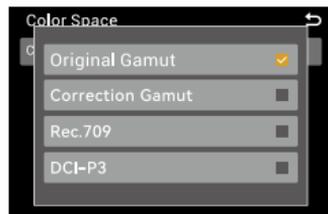
Short press the select dial to enter control mode interface. Rotate and short press the select dial choose the mode among normal, low end and highspeed, then short press and rotate the select dial can adjust the frequency of normal and low end modes from 1 to 10.



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

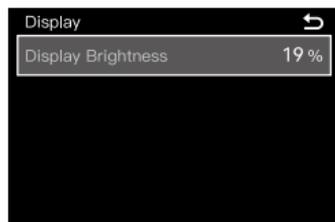
Color Space

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.



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

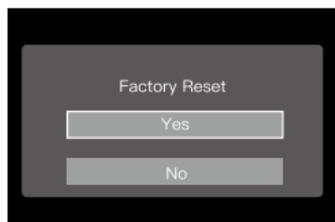
1. Download the new firmware to the U disk from official website (<https://www.godox.com/firmware-continuous-light>).
2. Turn off the device. Insert the U disk with new firmware into the USB-A port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return to main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

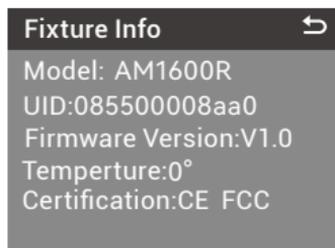
Factory Reset

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

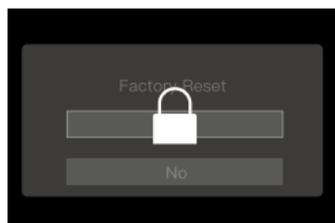
Short press the select dial to enter fixture info interface to check the product basic information.



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.



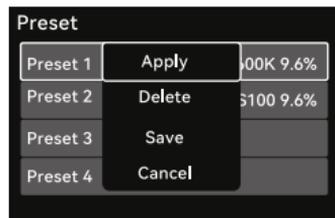
Preset Setting

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.



Illuminance Data

AM48R

CCT	Testing Condition	Unit	1m	3m	5m	10m
1800K	Bare Light	lux	8450	1660	662	181
		fc	785	154	62	17
2800K		lux	26800	5180	2070	554
		fc	2490	481	192	51
3200K		lux	29700	5710	2270	611
		fc	2759	530	211	57
4300K		lux	33300	6360	2520	676
		fc	3094	591	234	63
5600K		lux	35300	6730	2670	715
		fc	3279	625	248	66
6500K		lux	33700	6420	2550	685
		fc	3131	596	237	64
7500K		lux	29400	5600	2230	596
		fc	2731	520	207	55
8500K		lux	30500	5790	2300	615
		fc	2834	538	214	57
10000K	lux	31000	5870	2330	622	
	fc	2880	545	216	58	
R (Red)	lux	3690	752	306	85	
	fc	343	70	28	8	
G (Green)	lux	11300	2110	828	226	
	fc	1050	196	77	21	
B (Blue)	lux	2690	498	199	57	
	fc	250	46	18	5	

AM88R

CCT	Testing Condition	Unit	1m	3m	5m	10m
1800K	Bare Light	lux	8540	2140	933	256
		fc	793	199	87	24
2800K		lux	18900	4920	2060	573
		fc	1756	457	191	53
3200K		lux	21000	5470	2290	635
		fc	1951	508	213	59
4300K		lux	23000	6010	2510	697
		fc	2137	558	233	65
5600K		lux	24600	6390	2660	739
		fc	2285	594	247	69
6500K		lux	22200	5750	2410	665
		fc	2062	534	224	62
7500K		lux	20200	5270	2200	610
		fc	1877	490	204	57
8500K	lux	20600	5350	2230	616	
	fc	1914	497	207	57	
10000K	lux	21300	5510	2310	638	
	fc	1979	512	215	59	
R (Red)	lux	3400	846	369	105	
	fc	316	79	34	10	
G (Green)	lux	8740	2180	900	252	
	fc	812	203	84	23	
B (Blue)	lux	1910	490	202	63	
	fc	177	46	19	6	

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	AM1600R
AC INPUT Port	100V-240V ~ 50/60Hz 1800W
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	≈ 97
Light Body/Controller Protection Grade	IP54
Controlling Methods	Wireless or wired DMX/RDM, CRMX, Etherne, Bluetooth, 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 inflatable butterfly frame)≈	AM48R Light Body: 90.55"*43.31"
	AM88R Light Body: 90.55"*90.55"
	AM1600R Controller: 10.63"*8.66"*14.57"
Net Weight(without inflatable butterfly frame)≈	AM48R Light Body: 7.7kg
	AM88R Light Body: 15kg
	AM1600R Controller: 11kg

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(CRMX only receive)
Maximum EIRP Power: 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.

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	产品条形码
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：

部件	保修期(月)	保修服务类型
内部电路板	12	客户送修
其他（例如光效附件、各类线材或其他包装）	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:

Parts	Maintenance Period(month)	Warranty Service Type
Circuit board	12	Customer sends the product to designated site
Other items (optical accessories, cables, package, etc)	No	Without warranty

Godox After-sale Service Call +86-755-29609320(8062)

合格证

QC PASS



Wechat
Official Account
神牛微信公众号

深圳市神牛摄影器材有限公司

地址：深圳市宝安区福海街道塘尾社区耀川工业园厂房 2 栋

电话：0755-29609320 (8062) 传真：0755-25723423 邮箱：godox@godox.com

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www.godox.com

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