



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

GODOX Photo Equipment Co., Ltd.

Add.: Building 2, Yaochuan Industrial Zone, Tangwei Community, Fuhai Street, Bao'an District, Shenzhen 518103, China Tel: +86-755-29609320(8062)

Fax: +86-755-25723423 E-mail: godox@godox.com

www.godox.com

PDF Made in China | 705-V480C0-04

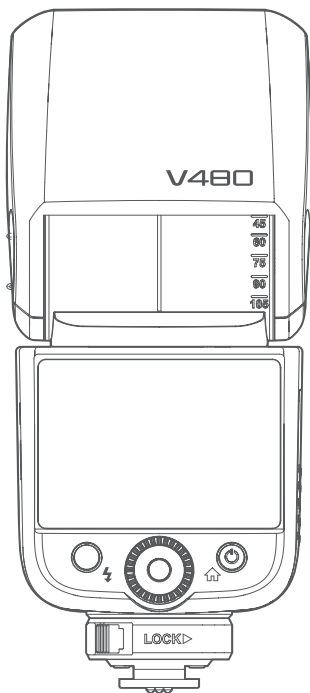


Godox

V480

TTL 锂电机顶闪光灯

TTL Li-ion Camera Flash



使用手册

Instruction Manual

目录

01	关于本手册
02	重要安全提示
03	前言
04	部件名称 机身 2 寸触控彩屏
05	物品清单
05	可选购附件
06	安装柔光盒
06	装卸电池
07	电池电量指示
07	安装闪光灯 / 拆卸闪光灯
07	电源管理
08	机顶模式 M: 手动闪光模式 TTL: TTL 自动闪光模式 变焦: 设置闪光灯覆盖范围
10	主控模式 组别: M 手动闪光 - 闪光功率 TTL 自动闪光 - 闪光曝光补偿量 全组参数统一调节 变焦: 设置闪光灯覆盖范围
11	从属模式 组别 TTL: TTL 自动闪光模式 M: 手动闪光模式 闪光功率设置 变焦: 设置闪光灯覆盖范围
12	其他功能 同步方式 光控引闪 蜂鸣器 造型灯 屏幕锁定 频闪闪光
14	无线设置 扫描空闲频道 频道设置 识别号设置 无线同步
16	菜单设置
17	无线多重闪光拍摄 (2.4G 无线电传输) TTL: 使用 TTL 自动闪光的无线多重闪光拍摄

	M: 使用 M 手动闪光的无线多重闪光拍摄
	不同闪光模式的无线多重闪光拍摄
	频闪闪光的无线多重闪光拍摄
19	其他应用
	同步插孔触发
	造型闪光
	反射闪光
	使用眼神光板拍摄
	使用广角扩散板拍摄
	电池电量低警示
21	用相机菜单控制闪光灯 (仅 V480 C 具备)
22	全域快门同步拍摄 (仅 V480 S 具备)
24	保护功能
	热保护
	其他保护
25	神牛 2.4G 无线漏闪原因及解决办法
25	规格参数
27	故障排除指南
28	固件升级
28	兼容相机列表

关于本手册

本手册操作说明假定相机和机顶闪光灯的电源开关已开启。

本手册中， 此图标所列事项是为避免产生拍摄问题，您需要注意的事项， 此图标所列信息是文中某项功能的补充信息。



注意（LED 造型灯）

表面高温，请勿触摸。

风险组 2（LED 造型灯）



注意

本产品可能发射有害光辐射，请勿直视工作时的灯源，可能对眼睛造成伤害

重要安全提示

本产品属于专业摄影设备，需要专业人员操作使用。

使用前必须拆除产品上的所有运输保护材料和包装。

使用时必须遵守以下基本安全预防措施：

1. 使用本产品前，请仔细阅读并完全理解产品说明书，严格按照说明书中的安全提示操作。否则，可能导致严重伤害、产品损坏或其他财产损失的安全隐患。
2. 本产品为专业灯具，儿童禁止使用。儿童接近时，成人必须密切监督，防止儿童碰撞灯具或私自使用灯具，造成人身伤害。
3. 本灯具并非普通灯具，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或直视本灯具。
4. 使用时必须小心，严禁接触如闪光管等高温部件，以避免烫伤。
5. 任何情况下均禁止将闪光灯直接对准人眼（特别是婴儿眼睛），否则短时间内可能导致视力损伤。如感到眼睛不适，应立即关闭灯具，停止使用并及时就医。
6. 严禁使用损坏的设备或配件，必须等待专业维修人员检查维修并确认设备正常后，才可继续使用。
7. 使用过程中，如果产品因跌落、挤压或强力冲击导致外壳破裂，应立即停止使用，避免接触内部电子部件而触电受伤。
8. 本设备不防水，请保持干燥，不能浸入水或其他液体；应安装在通风干燥位置，避免在雨天、潮湿、多尘或过热环境中使用。不要在设备上方放置物品，或让液体流入内部，防止发生危险。
9. 未经授权，请不要自行拆卸本产品。产品若出现故障，必须由本公司或授权维修人员检查和维修。
10. 存放设备前，请确保设备已完全冷却。
11. 请勿将设备放置在酒精、汽油等易燃挥发性溶剂或气体如甲烷、乙烷等附近。
12. 本设备禁止在有爆炸危险的环境中使用或存放。
13. 运行期间和之后，设备灯头与用户和其他人员，以及热敏或可燃物品之间，距离必须始终保持至少 1 米。
14. 请勿使用未经本公司认可的配件，以免造成火灾、触电或人身伤害。
15. 清洁设备时，请用干燥软布轻轻擦拭，不可使用湿布，否则可能会损坏设备。
16. 本使用说明基于严格测试制定，设计和规格变更恕不另行通知。您可登录我们官方网站查看最新电子版使用说明，了解产品最新资讯。
17. 产品使用锂电池供电。这类锂离子电池使用寿命有限，会逐渐失去储电能力，这种能力下降不可逆。电池老化时，产品续航时间会减少。锂离子电池使用寿命预计 2—3 年。请定期检查电池情况，如果充电时间明显增加或续航时间明显减少，请考虑更换新电池。
18. 产品配备锂电池，其储存建议如下： 储存前，将电池充放电至约 50% 电量；至少每 6 个月充电一次，至约 50% 电量；可拆卸电池应单独存放；储存温度在 0°C 至 40°C 范围内。
19. 使用锂电池的注意事项：
 - 不要拆卸、压碎或刺穿电池；
 - 电池没有防水功能，不要把电池浸泡在雾、水中；
 - 避免使电池触点短路；

- 电池不要靠近和放置于火中；
- 不要将电池暴露在 60°C 以上高温下；
- 将电池放在儿童接触不到的位置；
- 防止电池遭受过度冲击或振动；
- 不要使用已损坏的电池；
- 如果电池出现泄漏，请避免接触泄漏液体；
- 如果眼睛接触电池液体，立即用水冲洗至少 15 分钟，抬起眼睑直到没有液体的迹象后及时就医。

20. 处理任何电池前，请确认并遵守当地相关法律法规。

21. 本设备整机的保修期为一年。消耗品（如电池）、适配器、电源线等配件不在保修范围内。

22. 私自维修将取消保修资格，需支付维修费用。

23. 请收到锂电池时及时检查电池状态、电量情况，如有任何质量问题及时在保修期内联系神牛或神牛所授权的经销商。

24. 不当操作导致故障不在保修范围。

25. 对于 LED 造型灯：本灯具光源只能由制造商、其服务代理或符合资格人员更换。

26. 如果灯具损坏或热变形，请立即停止使用。该设备必须由本公司或授权服务人员专门检查和维修。

前言

感谢您购买神牛产品。

触控屏方头闪光灯—V480，以其卓越的兼容性，完美贴合 TTL 自动闪光技术。采用此闪光灯，即便是面对光线环境的频繁变换，您也能享受到前所未有的拍摄便利。此系列闪光灯具有以下核心特点：

快速操控：2 英寸触控彩屏和物理按键双重操作选择，直观易用。

LED 造型灯：内置 LED 造型灯，01-10 亮度可调，方便预先观察光影效果。

TTL 兼容：支持 TTL 自动闪光，简化操作流程。

无线功能：内置 2.4G 无线，扩展拍摄可能性。

专业功能：支持手动闪光、频闪闪光、高速同步、后帘同步、闪光曝光补偿等。

高效电源：配备 7.2V/2200mAh 锂电池，全功率闪光 650 次，回电速度快 (1.7s)。

稳定输出：保证高速连拍时，闪光输出的色彩和亮度一致。

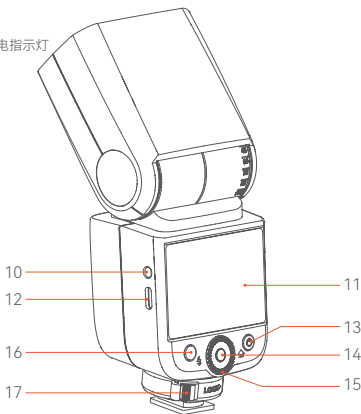
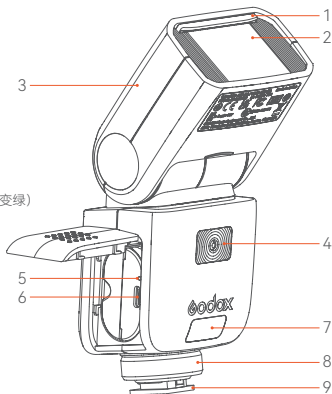
固件升级：定期更新固件，兼容最新的相机型号，确保最佳性能。

兼容性：V480 C 适用于佳能相机；V480 S 适用于索尼相机；V480 N 适用于尼康相机；V480 F 适用于富士相机；V480 O 适用于奥林巴斯或松下相机。

部件名称

机身

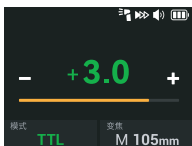
1. 眼神光板 (白色)
2. 广角扩散板 (透明色)
3. 闪光灯头
4. LED 造型灯
5. 电池充电指示灯
(充电时指示灯变红, 充满变绿)
6. USB Type-C 充电接口
(用于电池充电)
7. 光控传感器
8. 闪光灯锁环
9. 热靴
10. 同步插孔
11. 触控彩屏
12. USB-C 固件升级接口
(用于固件升级)
13. 电源按键
(短按一次进入模式 / 返回模式界面, 进入模式后短按 2 次, 其他功能界面出现)
14. 设置按键
15. 调节拨轮
16. 试闪按键 / 回电指示灯
17. 固定热靴扣钮



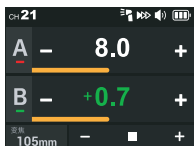
2 寸触控彩屏



模式界面



机顶模式



主控模式

(展示界面为 V480 C 主控界面，
其他型号界面有所区别)



从属模式

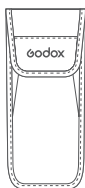


其他功能界面

物品清单



灯体
×1



收纳包
×1



柔光盒
×1



锂电池
×1



充电器
×1



USB-C 充电线
×1



微型底座
×1



说明书
×1

可选购附件

您可另购本公司以下摄影附件，以获得最佳的拍摄效果和使用体验。



引闪器 X2T 系列



引闪器 XProII 系列

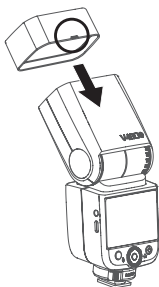


引闪器 X3 系列

注：根据所购闪光灯机型，购买对应的附件型号，请勿错误购买。

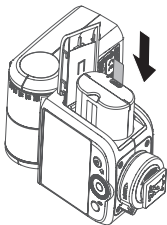
安装柔光盒

将柔光盒凸点面对准机身型号 V480 面，适度用力插入至安装完成。

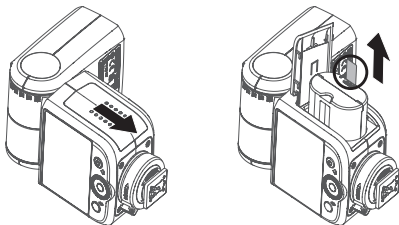


装卸电池

安装：按照电池指示方向将锂电池插入电池仓，直至电池卡入到位，关闭电池仓即安装完毕。



拆卸：按照图示滑动电池仓盖，轻轻拉动电池拉条，电池抽出即拆卸完毕。



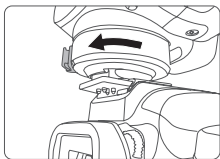
电池电量指示

将锂电池正确安装在闪光灯上，即可给闪光灯供电。使用时请查看闪光灯屏幕上电池图标，即可随时掌握电量状态。

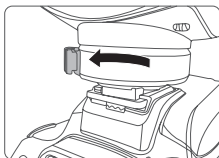
电池电量显示	说明
3 格	满电
2 格	中电
1 格	低电
无格	电量少，请及时充电
全屏显示低电符号	电量即将用尽，此状态不支持闪光灯工作。 注：此状态请尽快（10 天内）充电，才可使用或放置。

安装闪光灯 / 拆卸闪光灯

安装：按住固定热靴扣钮的同时旋转到左边，即可插入相机热靴，随即转动闪光灯锁环到右边便可锁定热靴。



拆卸：按住固定热靴扣钮的同时旋转到左边，即可解锁热靴，此时取下闪光灯完成拆卸。



⚠ 请务必在安装和拆卸闪光灯时，关闭相机和闪光灯的电源，以防止损坏设备。

电源管理

开机：长按电源按键直至屏幕出现 < SET > 图标，您可跟着箭头方向轻触屏幕开机或顺时针拨动调节拨轮开机。

注意：开机后若 15 秒内无操作，屏幕背光将自动变暗，轻触屏幕即可重新点亮。



休眠：

处于机顶模式 / 主控模式且开启待机后，若长时间无操作（约 90 秒），闪光灯将自动休眠。可通过半按快门或触碰机身任意键唤醒。

自动关机：

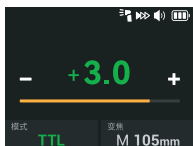
机顶 / 主控模式：待机关闭且自动关机功能开启。若超过 60 分钟（可调至 30 或 90 分钟）无操作后，闪光灯自动关机。

从属模式：自动关机功能开启，若超过 60 分钟（可调至 30 或 90 分钟）无操作后，闪光灯自动关机。离机使用时，支持手动关闭自动关机功能。

机顶模式

触控使用：从屏幕左边往右滑动，屏幕出现模式界面。轻触屏幕上“机顶”图标，进入机顶模式主界面。

拨轮与按键使用：短按电源按键，屏幕出现模式界面。旋转调节拨轮选中“机顶”图标，短按设置按键进入机顶模式主界面。

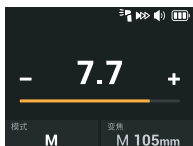


M: 手动闪光模式

您可以在 1/256~1/1 或 2.0~10 之间以 0.1 档或 0.3 档为增量设置闪光输出。为获得正确的闪光曝光，请使用手持的闪光测光表确定所需的闪光输出。

触控使用：轻触模式图标可切换 M 模式，您可点击屏幕的一图标或 + 图标，进行 ± 0.1 档或 ± 0.3 档精确调节，或拉动黄色进度条进行快速调节。

拨轮与按键使用：旋转调节拨轮选中模式”图标，短按设置按键进入模式设置，旋转调节拨轮选择 M 模式，选好短按设置按键退出。旋转调节拨轮选中功率范围，短按设置按键进入功率范围调节，旋转调节拨轮进行 ± 0.1 档或 ± 0.3 档精确调节，您也可快速转动调节拨轮进行快调。



S1 光控单元设置：在 M 手动闪光模式下，可以使用 S1 功能，闪光灯可作为副灯使用，创造多种照明效果，适用于手动闪光环境。它会与主闪光灯的第一次闪光同步触发闪光，效果与使用无线引闪器一致。

S2 光控单元设置：在 M 手动闪光模式下，可以使用 S2 功能，闪光灯可作为副灯使用，适用于 TTL 闪光环境；具有防预闪功能，使用带一次预闪功能的相机能用光控实现同步拍摄。它会与主闪光灯的第二次闪光同步触发闪光，即 2 次光控引闪。

- 1. 只有在 M 模式下才支持 S1/S2 光控引闪。
- 2. 当您在其他功能界面找到光控引闪，可开启或关闭。

TTL: TTL 自动闪光模式

在 TTL 模式下，相机的测光系统会侦查从主体反射回来的闪光照明，从而自动调节闪光输出量，使主体和背景得到均衡曝光。

触控使用：轻触模式图标可切换 TTL 模式，您可点击屏幕的一图标或 + 图标，在 ± 3 档间进行 $\pm 1/3$ 档精确调节闪光曝光补偿量，或拉动黄色进度条进行快速调节闪光曝光补偿量。

拨轮与按键使用：旋转调节拨轮选中模式”图标，短按设置按键进入模式设置，

旋转调节拨轮选择 TTL 模式，选好短按设置按键退出。旋转调节拨轮选中闪光曝光补偿量范围，短按设置按键进入闪光曝光补偿量调节，旋转调节拨轮在 ± 3 档间进行 $\pm 1/3$ 精确调节，您也可快速转动调节拨轮进行快调。

●在快门释放前的瞬间进行一次预闪，闪光灯接收相机信息进行主闪光。

变焦：设置闪光灯覆盖范围。

该闪光灯有两种变焦方式：自动变焦和手动变焦。自动变焦时，焦距会随相机变焦镜头的改变而变化，以提供最佳闪光效果。

自动变焦：

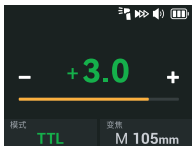
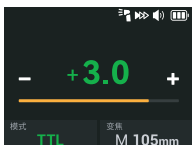
A-mm，此状态下，闪光灯将自动设置闪光覆盖范围。

手动变焦：

24mm-105mm(V480 C/V480 S/V480 N)、
24mm-105mm 或 12-52mm(V480 O)、24mm-105mm 或 16-69mm
(V480 F)

触控使用：轻触“变焦”图标进入变焦设置界面，您可轻触屏幕选择自动变焦 A--mm 或手动变焦。

拨轮与按键使用：旋转调节拨轮选中“变焦”图标，短按设置按键进入变焦设置，旋转调节拨轮选择自动变焦或所需焦距，选好短按设置按键退出主控模式。



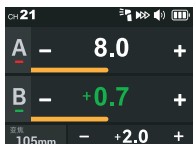
- 如果手动设置闪光覆盖范围，确保其覆盖镜头焦距，这样照片就不会出现阴影边缘。

主控模式

触控使用：从屏幕左边往右滑动，屏幕出现模式界面。轻触屏幕上“主控”图标，进入主控模式主界面，往下滑动可查看更多组别。

拨轮与按键使用：短按电源按键，屏幕出现模式界面。旋转调节拨轮选中“主控”图标，短按设置按键进入主控模式主界面，旋转调节拨轮可查看更多组别。

当处于主控模式时，无线默认开启。



(仅展示 V480 C 界面, 其他机型界面有所区别)

组别：

五组组别： A 组、B 组、C 组、D 组、E 组 (V480 C)

M 组、A 组、B 组、C 组、D 组 (V480 S、V480 N、V480 O、V480 F)

M 手动闪光 - 闪光功率

触控使用：长按组框切换 M 手动闪光 /TTL 自动闪光 /OFF，此组组框出现白色数值，当前组为 M 档手动闪光模式。您可轻触 - 图标或 + 图标调节闪光功率，或拉动组框底部进度条快速调节闪光功率。

拨轮与按键使用：旋转调节拨轮选中某组组别，短按设置按键进入设置，长按设置按键切换 M 手动闪光或 TTL 自动闪光 /OFF，此组组框出现白色数值，当前组为 M 档手动闪光模式。旋转调节拨轮可选择功率，设置完毕短按设置按键退出。

TTL 自动闪光 - 闪光曝光补偿量

触控使用：长按组框切换 M 手动闪光 /TTL 自动闪光 /OFF，此组组框出现绿色数值，当前组为 TTL 自动闪光模式。您可轻触 - 图标或 + 图标调节闪光曝光补偿量，或拉动组框底部进度条快速调节闪光曝光补偿量。

拨轮与按键使用：旋转调节拨轮选中组框，短按设置按键进入设置，长按设置按键切换 M 手动闪光或 TTL 自动闪光 /OFF，此组组框出现绿色数值，当前组为 TTL 自动闪光模式。旋转调节拨轮选择闪光曝光补偿量，设置完毕短按设置按键退出。

全组参数统一调节

触控使用：您可轻触 - 图标或 + 图标统一调节闪光功率或闪光曝光补偿量。

拨轮与按键使用：旋转调节拨轮选中组框，短按设置按键进入统一调节设置，旋转调节拨轮统一调节闪光功率或闪光曝光补偿量。设置完毕短按设置按键退出。

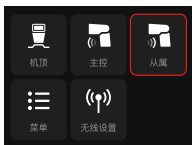
变焦：设置闪光灯覆盖范围

您可选自动变焦和手动变焦 24mm-105mm（更多关于变焦的详细介绍可查看机顶模式中的变焦设置）。

从属模式

触控使用：从屏幕左边往右滑动，屏幕出现模式界面。轻触屏幕上“从属”图标，进入从属模式主界面。

拨轮与按键使用：短按电源按键，屏幕出现模式界面。旋转调节拨轮选中“从属”图标，短按设置按键进入从属模式主界面。



当处于从属模式时，无线默认开启。

组别

当前从属模式组别，可选范围：A、B、C、D、E。

触控使用：轻触屏幕的组别图标进入组别设置界面，轻触所需组别即可切换。

拨轮与按键使用：旋转调节拨轮选中组别图标，短按设置按键进入组别设置，旋转调节拨轮可切换组别，短按设置按键退出。

TTL: TTL 自动闪光模式

触控使用：轻触模式图标可切换 TTL 模式。

拨轮与按键使用：旋转调节拨轮选中“模式”图标，短按设置按键进入模式设置，旋转调节拨轮选择 TTL 模式，选好短按设置按键退出。

6 更多 TTL 自动闪光相关内容可参考机顶模式主界面→TTL 自动闪光模式章节。

M: 手动闪光模式

触控使用：轻触模式图标可切换 M 模式。

拨轮与按键使用：旋转调节拨轮选中“模式”图标，短按设置按键进入模式设置，旋转调节拨轮选择 M 模式，选好短按设置按键退出。

6 更多 M 手动闪光相关内容可参考机顶模式主界面→M 手动闪光模式章节。

闪光功率设置

当模式选择 M 手动闪光，组框参数可设置，调节范围：1/256-1/1 或 2.0~10。

触控使用：您可轻触—图标或 + 图标调节闪光功率，或拉动组框底部进度条快速调节闪光功率。

拨轮与按键使用：旋转调节拨轮选中功率框，短按设置按键进入功率调节设置，旋转调节拨轮选择功率，设置完毕短按设置按键退出。

变焦：设置闪光灯覆盖范围

您可选自动变焦和手动变焦 24mm-105mm（更多关于变焦的详细介绍可查看机顶模式中的变焦设置）。

其他功能

触控使用：处于机顶 / 主控 / 从属模式界面时，从屏幕顶部往下滑动，其他功能出现，设置完毕，从下往上滑动返回上一级。

拨轮与按键使用：处于机顶 / 主控 / 从属模式界面时，短按两次电源按键，其他功能出现，设置完毕，短按电源按键返回上一级。



同步方式

⚡H 高速同步

使用高速同步 (FP 闪光)，您可以在任意快门速度下同步使用闪光灯。高速同步闪光在使用光圈优先对人像进行填充时，闪光时特别方便。

▶▶ 后帘同步

使用慢速快门和后帘同步，您可以在被摄体后创建一条光线轨迹，在快门关闭前的瞬间闪光。

触控使用：轻触屏幕的“同步”图标可切换同步方式。

拨轮与按键使用：旋转调节拨轮选中“同步”图标，短按设置按键切换同步方式。

- ⚠ 1. 当您使用的机型为 V480 S/V480 N/V480 F/V480 O 时，您需要在相机上设置后帘同步。

2. 当你使用 V480 N 闪光灯且连接尼康相机，尼康相机快门设为高速快门时，闪光灯自动开启高速同步，当快门转为低速时，闪光灯自动关闭高速同步。

光控引闪

触控使用：轻触“光控”图标切换 OFF/S1/S2。

拨轮与按键使用：旋转调节拨轮选中“光控”图标，短按设置按键切换 OFF/S1/S2。

- ⚠ 更多关于光控引闪内容可参考说明书机顶模式 M 档手动模式章节。

🔊 蜂鸣器

开启蜂鸣器时，闪光会发出提示音。

触控使用：轻触屏幕的“蜂鸣器”图标可开启或关闭。

拨轮与按键使用：旋转调节拨轮选中“蜂鸣器”图标，短按设置按键可开启或关闭。

💡 造型灯

触控使用：轻触屏幕的“造型灯”图标可开启或关闭。造型灯开启时，可滑动下方的进度条进行 1-10 档位调节。

拨轮与按键使用：旋转调节拨轮选中“造型灯”图标，短按设置按键可开启或关闭。造型灯开启时，可旋转调节拨轮选中下方的进度条，短按设

置按键进入亮度调节，旋转调节拨轮进行 1-10 档位调节，设置完毕短按设置按键退出。

屏幕锁定

触控使用：轻触屏幕“锁定”图标可开启锁定屏幕功能，长按屏幕 2s 解锁。

拨轮与按键使用：旋转调节拨轮选中“锁定”图标，短按设置按键可开启锁定屏幕功能，长按设置按键 2s 解锁。

频闪闪光

以慢速快门使用频闪闪光时，可以在一张照片上拍摄出多个连贯的动作。您可以设置闪光频率（每秒闪光次数，以 Hz 表示）、闪光次数和闪光输出。

闪光功率范围：1/256-1/4 或 2.0~8.0

闪光次数：1-100

闪光频率：1-100

变焦调节范围：自动变焦或手动变焦

触控使用：轻触屏幕的“频闪”图标可开启或关闭。开启后，从屏幕下方往上滑动，频闪闪光设置界面出现。滑动闪光次数值选择次数，滑动赫兹选择闪光频率，轻触—图标或+图标调整闪光功率。变焦设置：轻触界面变焦图标进入设置界面，轻触选择自动变焦或所需焦距，设置完毕，轻触返回图标返回频闪界面。

拨轮与按键使用：旋转调节拨轮选中“频闪”图标，短按设置按键可开启或关闭。开启后，短按电源按键，频闪闪光设置界面出现。旋转调节拨轮可选闪光功率 / 闪光次数 / 闪光频率 / 变焦，选中某项后，短按设置按键进入闪光功率 / 闪光次数 / 闪光频率 / 变焦设置，旋转调节拨轮设置闪光功率 / 闪光次数 / 闪光频率 / 变焦，设置完毕短按设置按键退出。

使用频闪闪光，如何确定快门速度

频闪闪光停止之前，快门应保持开启状态。使用下面公式计算快门速度，然后用相机进行设置。

$$\text{闪光次数} \div \text{闪光频率} = \text{快门速度}$$

例如，如果闪光次数设为 10（次）且闪光频率设为 5(Hz)，需将快门速度设为 2 秒或更长。

 为防止闪光灯头过热导致损坏，请勿执行连续 10 次以上的频闪闪光。频闪闪光 10 次后，请让闪光灯至少冷却 15 分钟。如果您执行连续 10 次以上的频闪闪光连拍，为防止闪光灯头过热，闪光可能自动停止。如果发生了这种情况，请让闪光灯至少冷却 15 分钟。

-  1. 反光很强的被摄体在暗背景前使用频闪闪光更加有效。
- 2. 推荐使用三脚架和 TTL 引闪器 XPROII。
- 3. 无法设置 1/1 和 1/2 闪光输出。
- 4. 即使相机拍摄模式设置为 B 门拍摄 (buLb)，也可以进行频闪闪光。
- 5. 频闪闪光模式无法设置高速同步。
- 6. 不使用频闪闪光时，请关闭频闪闪光，否则设置不了 TTL 闪光或 M 手动闪光。

最大连续闪光次数

闪光次数 \ 闪光频率 (Hz)	1	2	3	4	5	6-7	8-9
闪光功率							
1/4	8	6	4	3	3	2	2
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80
1/256	100	100	100	100	100	90	80

闪光次数 \ 闪光频率 (Hz)	10	11	12-14	15-19	20-50	60-100
闪光功率						
1/4	2	2	2	2	2	2
1/8	4	4	4	4	4	4
1/16	10	8	8	8	8	8
1/32	20	20	20	18	16	12
1/64	50	40	40	35	30	20
1/128	70	70	60	50	40	40
1/256	70	70	60	50	40	40

无线设置

触控使用：从屏幕左边往右滑动，屏幕出现模式界面。轻触屏幕上“无线设置”图标，进入无线设置界面。设置完毕，从屏幕左边往右滑动返回模式界面。

拨轮与按键使用：短按电源按键，屏幕出现模式界面。旋转调节拨轮选中“无线设置”图标，短按设置按键进入无线设置界面。设置完毕，短按电源按键返回模式界面。



扫描空闲频道

为了避免其他人使用同样频道受到干扰，可以使用频道扫描功能。

触控使用：轻触屏幕上“频道扫描”图标后开始扫描，不一会界面出现 8 组空闲频道，此时轻触您想要的频道，频道自动设置完毕。

拨轮与按键使用：旋转调节拨轮选中“频道扫描”图标，短按设置按键开始扫描，不一会界面出现 8 组空闲频道，此刻旋转调节拨轮选中您想要的频道，短按设置按键，频道自动设置。

频道设置

如果在拍摄现场不止一个无线闪光系统，您可以通过更改无线频道来防止信号干扰，但需保证主控单元和从属单元设置为相同频道。调节范围：范围为 01-32。

触控使用：滑动频道框，选择您所需的频道。

拨轮与按键使用：旋转调节拨轮选中频道范围，短按设置按键进入频道设置，旋转调节拨轮选中频道，设置完毕短按设置按键退出。

识别号设置

为了避免信号干扰，除了改变无线通讯频道还可以通过改变无线 ID 来防止干扰；主控单元和从属单元设为相同的频道和无线 ID 即可。调节范围为 OFF/01-99。

触控使用：滑动识别号框，选择您所需的识别号或关闭识别号。

拨轮与按键使用：旋转调节拨轮选中识别号范围，短按设置按键进入识别号设置，旋转调节拨轮选中识别号，设置完毕短按设置按键退出。

无线同步

无线同步协助发射器与接收器，快速设置相同的频道与识别号。

无线同步接收器：

前提：1. 设置 V480 为主控模式，主控图标呈黄色。

2. 接收器假定为复古闪光灯 LUX MASTER。

触控使用：轻触 V480 上的无线同步，轻触复古闪光灯 LUX MASTER 上的无线同步即可无线同步。

拨轮与按键使用：旋转调节拨轮选中 V480 上的无线同步，短按设置按键进行无线同步，旋转调节拨盘选中复古闪光灯 LUX MASTER 上的无线同步，短按 SET 按键即可无线同步。

无线同步发射器：

前提：1. 设置 V480 为从属模式，从属图标呈黄色。

2. 发射器假定为引闪器 X3。

触控使用：轻触 V480 上的无线同步，轻触引闪器 X3 上的无线同步即可无线同步。

拨轮与按键使用：旋转调节拨轮选中 V480 上的无线同步，短按设置按键进行无线同步，旋转调节旋钮选中引闪器 X3 的无线同步，短按调节旋钮即可无线同步。

V480 无线同步：当主控单元和从属单元均为 V480 时，也能实现无线同步。

菜单设置

触控使用：从屏幕左边往右滑动，屏幕出现模式界面。轻触屏幕上“菜单”图标，进入菜单界面。设置完毕，从屏幕左边往右滑动返回模式界面。

拨轮与按键使用：短按电源按键，屏幕出现模式界面。旋转调节拨轮选中“菜单”图标，短按设置按键进入菜单界面。设置完毕，短按电源按键返回模式界面。

因不同机型的菜单顺序有所区别，具体菜单排序以实物显示为准，以下仅说明菜单功能。

图标	功能	选项	备注
	主控闪光 (仅 V480 C 具备)	关闭	主控单元闪光灯闪光关闭
		开启	主控单元闪光灯闪光开启
	功率显示	1/256 0.1 0.3	最小功率档位显示为 1/256、可选 0.1 档或 0.3 档为增量。
		2.0 0.1 0.3	最小功率档位显示为 2.0、可选 0.1 档或 0.3 档为增量。
	TCM	开启	可将 TTL 模式的闪光值转换为 M 模式功率值
		关闭	此功能不生效
	距离单位	m	米
		ft	英尺
	待机	开	开启后，超过规定时间（约 90 秒）无人操作，闪光灯会自动休眠
		关	关闭后，超过规定时间（约 90 秒）无人操作，闪光灯不会自动休眠
	自动关机	关	关闭自动关机功能
		30 分钟	1. 待机关闭，处于机顶或主控模式，超过 30 分钟无人操作自动关机。 2. 处于从属模式，超过 30 分钟无人操作自动关机。
		60 分钟	1. 待机关闭，处于机顶或主控模式，超过 60 分钟无人操作自动关机。 2. 处于从属模式，超过 60 分钟无人操作自动关机。
		90 分钟	1. 待机关闭，处于机顶或主控模式，超过 90 分钟无人操作自动关机。 2. 处于从属模式，超过 90 分钟无人操作自动关机。
	造型灯	持续	造型灯在闪光灯闪光时，持续点亮
		闪灭	造型灯在闪光灯闪光时，自动灭
	屏幕设置	无	屏幕亮度无极调节
		30 秒钟	超过 30 秒无人操作屏幕待机
		1 分钟	超过 1 分钟无人操作屏幕待机
		2 分钟	超过 2 分钟无人操作屏幕待机
		3 分钟	超过 3 分钟无人操作屏幕待机
	变焦	4/3	4/3 系统（仅 V480 O 具备）
		APS	APS 系统（仅 V480 F 具备）
		135	135 系统（V480 C/V480 S/V480 N 默认此系统）

图标	功能	选项	备注
	新协议 (仅 V480 S 具备此功能)	开启	默认新协议开启
		关闭	相机与闪光灯出现不兼容情况时，关闭此项
	语言 /Language	中文	机器语言为中文
		English	机器语言为英文
	恢复出厂	否	取消恢复出厂设置操作
		是	恢复出厂设置
	设备信息	无	此界面显示机器型号及其固件版本号

无线多重闪光拍摄 (2.4G 无线电传输)

本章主要说明如何以闪光灯 V480 为主控，搭配具备 2.4G 无线接收功能闪光灯（如神牛 V480、神牛 AD100PRO、神牛 V100 等闪光灯），以 2.4G 无线传输的方式进行无线多重闪光拍摄。

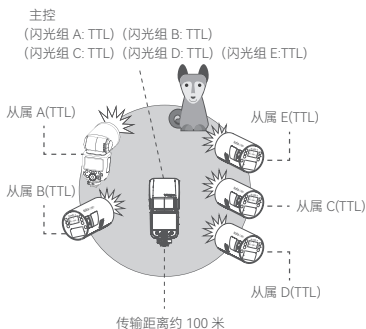
本章将安装在相机上的 V480 称为“主控灯”，受无线控制的闪光灯（如神牛 V480、神牛 AD100PRO、神牛 V100 等闪光灯）称为“从属灯”。

- 
1. 主控灯和从属灯的组别、频道、ID 需设置为一致。设置详情请参考无线设置章节。
2. 下面展示的操作以 V480 C 为例，V480 S 和 V480 N 组别有所区别。

TTL: 使用 TTL 自动闪光的无线多重闪光拍摄

只要将 V480（主控灯）闪光组（A、B、C、D、E）均设置为 <TTL>，不需要操作从属灯；从属灯 A/B/C/D/E 自动进行无线多重闪光拍摄。在主控灯上设置的曝光补偿值，不需要手动设置从属灯，从属灯会跟随主控灯自动设置。

●使用多个从属单元自动闪光



 V480 S/V480 N/V480 F/V480 O 主控模式组别没有 E。

M: 使用 M 手动闪光的无线多重闪光拍摄

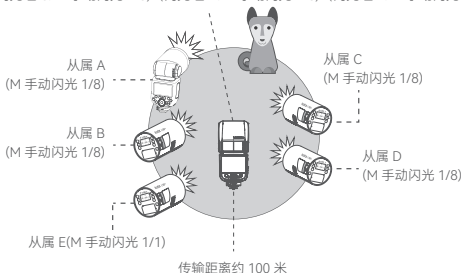
V480（主控灯）闪光组（A、B、C、D、E）可设置为统一闪光输出功率，也可以设置为不同闪光输出功率，与上面操作同理，不需要手动设置从属灯；从属灯 A/B/C/D/E 跟随主控灯自动设置闪光输出功率进行无线多重闪光拍摄。

●使用多个从属单元自动闪光

主控灯

（闪光组 A: M 手动闪光 1/8）（闪光组 B: M 手动闪光 1/8）

（闪光组 C: M 手动闪光 1/8）（闪光组 D: M 手动闪光 1/8）（闪光组 E: M 手动闪光 1/1）



6 V480 S/V480 N/V480 F/V480 O 主控模式组别没有 E。

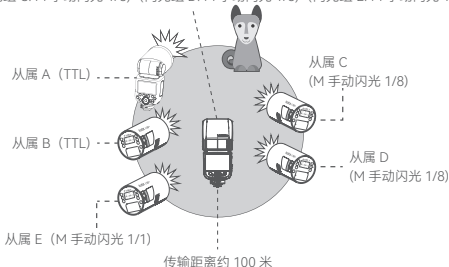
不同闪光模式的无线多重闪光拍摄

V480（主控灯）闪光组（A、B、C、D、E）可设置成不同的闪光模式，不需要操作从属灯，从属灯 A/B/C/D/E 自动以不同的闪光模式进行无线多重闪光拍摄。

主控灯

（闪光组 A: TTL）（闪光组 B: TTL）

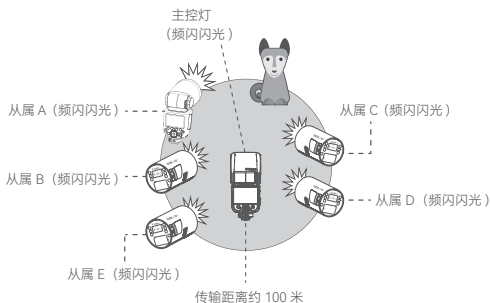
（闪光组 C: M 手动闪光 1/8）（闪光组 D: M 手动闪光 1/8）（闪光组 E: M 手动闪光 1/1）



6 V480 S/V480 N/V480 F/V480 O 主控模式组别没有 E。

频闪闪光的无线多重闪光拍摄

V480 (主控灯) 设为频闪闪光, 分别设置无线频闪的闪光输出、闪光次数、闪光频率, 但无需手动设置从属灯; 从属灯 A/B/C/D/E 跟随主控灯设置的频闪闪光进行无线多重闪光拍摄, 单个主控灯最多可开启五组频闪闪光。



6 V480 S/V480 N/V480 F/V480 O 主控模式组别没有 E。

其他应用

同步插孔触发

同步插孔规格为 $\Phi 2.5\text{mm}$, 此处可插入同步线或者触发器触发插头对闪光灯进行同步引闪。

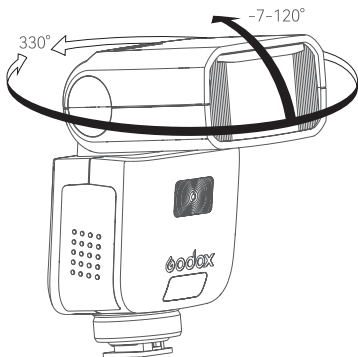
造型闪光

如果相机有景深预视按钮, 按下该按钮将会进行 1 秒钟的连续闪光, 这种现象称之为造型闪光。您可以通过造型闪光查看被摄体上的光影效果及照明平衡, 不管是无线拍摄还是普通闪光拍摄, 都可以进行造型闪光。

- ▲** 1. 请勿连续触发 10 次以上造型闪光。如果连续进行 10 次造型闪光, 请让闪光灯至少冷却 10 分钟, 以防止闪光灯过热或损坏。
- 2. 佳能 EOS 300 和 B 型相机不支持造型闪光。
- 3. V480 S/V480 F/V480 O 不支持造型闪光。

反射闪光

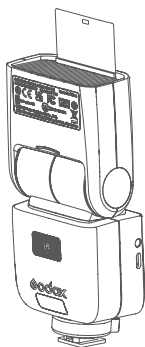
通过将闪光灯头指向墙壁或天花板, 闪光在照亮被摄体前被墙面反射。这可以减轻被摄物体背后的阴影, 获得更自然的摄影效果, 称之为反射闪光。



- 1. 如果墙壁或天花板太远，反射闪光可能太弱并导致曝光不足。
- 2. 墙壁或天花板应该是平坦的、白色的，有利于高效的反射。如果反射表面不是白色的，照片将出现偏色。

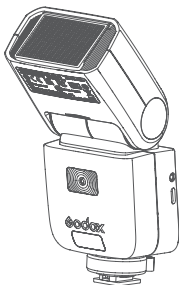
使用眼神光板拍摄

先将眼神光板和广角扩散板从灯头拉出，将广角扩散板推回。此时使用本产品拍摄，可以在主体的眼睛造成高光点，使眼睛更加迷人（眼神光），此功能在闪光灯头上仰 90 度时能达到最好的效果。



使用广角扩散板拍摄

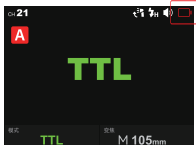
拉出广角扩散板，使闪光范围扩大，闪光效果将更加柔和自然。



⚠ 当拉出广角扩散板,ZOOM 值固定在 14mm。

电池电量低警示

电池电量低时，电池符号 <□> 变成红色，此时请更换电池或及时给电池充电。



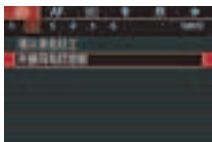
用相机菜单控制闪光灯（仅 V480 C 具备）

将闪光灯安装在 EOS 相机上，可以从相机菜单为闪光灯设定自定义功能。可配置的主要功能如下。根据闪光模式、无线闪光功能设置和其他条件的不同，可用设置会有所不同

功能	
闪光灯闪光	启动 / 关闭
E-TTL 平衡	氛围优先 / 标准 / 闪光优先
TTL 测光	评价（面部优先） / 评价 / 平均
连拍闪光灯控制	每次拍摄 E-TTL / 首次拍摄 E-TTL
光圈优化模式下的闪光同步速度	
闪光模式	TTL 闪光测光（自动闪光） / 手动闪光 / 多次闪光（频闪）
无线闪光功能	无线闪光：关 / 无线电传输
闪光灯变焦（闪光覆盖范围）	
快门同步	前帘同步 / 后帘同步 / 高速同步
闪光曝光补偿	

闪光灯功能设置

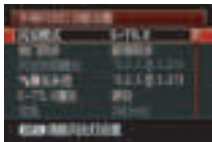
1. 选择 < 闪光灯控制 > 或 < 外接闪光灯控制 >。



2. 选择 < 闪光灯功能设置 > 或 < 外接闪光灯功能设置 >。



3. 根据相机的不同，设置画面和显示的项目会有所不同。



1. 要清除闪光灯的所有自定义功能设置，您可选择步骤 2 画面中的 < 清除设置 >，然后清除所有闪光灯自定义功能或清除外接闪光灯的自定义功能设置。
2. 如果已经使用闪光灯设置了闪光曝光补偿，则无法用相机设置闪光曝光补偿。要用相机进行设置时，首先将闪光灯的闪光曝光补偿设置为“0”。
3. 如果用相机和闪光灯设置闪光曝光补偿以外的闪光灯自定义功能和闪光灯功能设置，最后所进行的设置将生效。

全域快门同步拍摄（仅 V480 S 具备）

通过使用闪光灯 V480 S 和全域快门图像传感器的相机，闪光可以与相机上可用的整个快门速度范围同步，从而实现比传统高速同步拍摄 (HSS) 更有效的闪光曝光。

1. 闪光灯 V480 S 使用 TTL 自动闪光模式时，搭配全域快门相机，无论低速快门还是高速快门，闪光灯都能正常同步闪光。相对于非全域快门相机，使用全域快门相机，闪光灯高速同步闪光时间更短，约 2-5 毫秒，闪光灯回电更快，相机可拍摄更多张数。
2. 当您的闪光灯 V480 S 使用 M 手动闪光模式，但想在高速快门（快门速度快于 1/600）时采用单波闪光（非高速同步），您可以通过调整相机的闪光延迟时间来匹配相机的曝光时间，能够以更合适的光量进行拍摄。在此模式下，跟高速同步模式比，相同功率下得到更好的闪光指数。

相机闪光时间设置所在位置：相机的 MENU → （曝光 / 颜色）→ [闪光灯] → [闪光时间设置] → [开] → 将闪光时间设为所需值。

相机 ADJ 闪光时间设置菜单如下：

开：手动调整闪光时间（0 微秒到 1000 微秒）。

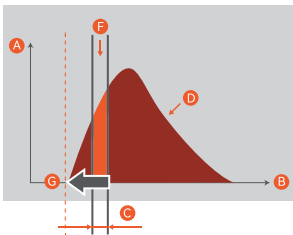
关：不调整闪光时间（当快门速度达到 1/600 选关，闪光的方式为非单波闪光）。

闪光和快门对齐调试方法：

高速快门单波闪光需要非常严格的时间对齐，原理如图，需要在闪光灯最佳光效里开启快门。

调试方法如下：

把闪光灯模式设到 M 档下，进入相机菜单，找到相机闪光时间设置，开启 ADJ。输入 ADJ 参数，ADJ 参数与您使用的相机及闪光灯有关，您如果使用的是 V480 S 和 A9MIII，在 V480 S 没有开启无线的情况下这个参数大约在 140 微秒，开启无线的情况下大约在 540 微秒（如使用其它全域快门相机时，需要全时间调试确定对齐时间）。调到以上参数后，把相机快门调到 1/80000，闪光灯功率调到 1/256（快门越快、功率越小时对齐要求越高，如果调好这个组合，其它的组合通常合适使用。当设置为快门速度快，功率高时，由于闪光的时间远大于快门时间，这时可以把时间向后移，选择闪光灯的发光峰值），如果发现闪光不同步时可以微调 ADJ 参数，调到曝光最佳时，这时可以测试其它快门下的拍摄情况。



A：闪光灯光量

D：以 1/256 闪光时的闪光灯光量

B：时间

F：曝光的闪光灯光量

C：快门速度

G：闪光开始时间

- ⚠ 1. 如果将相机的快门速度设为快于 1/10000 并拍摄照片，亮度和颜色可能会有所不同。
2. 对于配备全局快门图像传感器的相机，无论高速同步设置是否为 [ON]/[OFF]，相机上都不会显示 HSS 图标。
3. 当闪光灯使用同步线与相机连接，进行拍摄时，相机不再采用全域快门同步拍摄，而是采用传统的高速同步拍摄方式进行，因此闪光灯的光线可到达的距离缩短。

保护功能

热保护

- 为防止闪光灯头过热并损坏，请勿在 1/1 档位时进行超过规定次数的快速连续闪光，或在高速同步且 1/1 档位时进行超过 60 次快速连续闪光。
- 如果超出表中提示次数后立即继续多次闪光，闪光灯内部的过热保护功能可能会被激活，使回电时间变为 10 秒以上。如果发生这种现象，请让闪光灯冷却约 10 分钟，闪光灯便会恢复正常。
- 热保护启动后，显示屏上的 <  > 会显示。

激活过热保护功能的连续闪光次数：

闪光次数 \ 功率档位 \ 焦距	14mm	24mm	28mm	35mm	50mm	70mm	80mm	105mm
1/1	30	40	50	60	60	75	75	80
1/2	46	60	75	91	91	114	114	120
1/4	91	120	150	182	182	231	231	240
1/8	240	300	300	300	300	300	300	300
1/16	600	600	600	600	600	600	600	600
1/32	1200	1200	1200	1200	1200	1200	1200	1200
1/64	2000	2000	2000	2000	2000	2000	2000	2000
1/128	3000	3000	3000	3000	3000	3000	3000	3000
1/256								

高速同步模式下，激活热保护功能的连续闪光次数：

功率档位	连续闪光次数
1/1	60
1/2	75
1/4	100
1/8	
1/16	
1/32	
1/64	
1/128	
1/256	

其他保护

为了保证设备安全的工作，系统时刻进行预防保护，以下提示符号供您参考：

LCD 显示	警示内容
Error1	闪光灯回电系统出现问题，无法回电引闪，请重新开机，如无法解决请维修
Error3	闪光灯管两端电压过高，请维修
Error5	闪光电路出现异常，请维修
Error9	固件升级有误，请进行正确固件升级

神牛 2.4G 无线漏闪原因及解决办法

1. 外部环境 2.4G 信号干扰 (如无线基站、2.4Gwifi 路由、蓝牙设备等)

→ 请调节引闪器的频道 CH 设置 (建议 +10), 找到无干扰的频道来工作, 或者在工作时关闭其他 2.4G 设备。

2. 请确认闪光灯是否已经回电或者回电速度已经跟上连拍速度 (闪光灯就绪指示灯已经亮起), 并且没有处于过热保护或者其他异常状态中

→ 请下调闪光灯的档位, 如是 TTL 模式可以尝试改为 M 模式 (TTL 模式下需要预闪一次)。

3. 是否引闪器和闪光灯距离太近 (距离 <0.5m)

→ 请在引闪器上打开“近距离无线模式”:

X1 系列: 按住引闪按钮不放, 然后开机, 直至指示灯闪 2 次。

Xpro、X2T 系列: 设置 C.Fn-DIST 为 0-30m。

X3 系列: 设置引闪距离为 0-30m。

4. 是否引闪器和接收端设备在低电状态

→ 请更换电池或及时充电。

5. 引闪器固件为旧版本

→ 请升级引闪器固件, 具体固件升级请参考引闪器说明书。

6. 相机固件为旧版本

→ 请升级相机固件, 具体固件升级请参考相机说明书。

规格参数

型号	V480 C	V480 S	V480 N
全域快门同步拍摄	不支持	支持	不支持
无线电无线全域快门同步	不支持	支持	不支持
造型闪光	支持	不支持	支持
闪光覆盖范围	自动变焦 (自动设置适合镜头焦距和图像尺寸的闪光覆盖范围)		
	手动变焦 (24-105mm)		

型号	V480 O	V480 F
全域快门同步拍摄	不支持	
无线电无线全域快门同步	不支持	
造型闪光	不支持	
闪光覆盖范围	自动变焦 (自动设置适合镜头焦距和图像尺寸的 闪光覆盖范围)	
	手动变焦 (24-105mm 或 12-52mm)	手动变焦 (24-105mm 或 16-69mm)

型号	V480 C/V480 S/V480 N/V480 F/V480 O
闪光指数 (1/1 档位, 105mm 焦距)	约 GN50 (ISO 100, 以米为单位)
灯头旋转范围	闪光灯头旋转 / 倾斜, 水平 0~330°, 垂直 -7°~120° (反射闪光)
闪光持续时间 (t0.1)	1/600 秒— 1/20000 秒
曝光控制	
曝光控制系统	TTL 自动闪光、手动闪光
闪光曝光补偿 (FEC)	在 ±3 档间以 1/3 档为增量调节
同步方式	高速同步 (最高 1/8000 秒, Sony 全域快门相机最高可达 1/80000 秒)、前帘同步、后帘同步
频闪闪光	具备 (最大闪光次数 100 次; 最大闪光频率 100Hz)
无线闪光 (无线电 2.4G 传输)	
无线功能	主控单元 / 从属单元
主控单元组	A、B、C、D、E(V480 C) 或 M、A、B、C、D(V480 N、V480 S、V480 O、V480 F)
从属单元组	A、B、C、D、E
传输范围 (约)	100m
频道	32 组: 01~32
ID	OFF/01~99
LED 造型灯	
功率	2W
色温	5300K±300K
电源	
锂电池	7.2V/2200mAh 锂电池
回电时间	约 1.7 秒, 闪光灯准备就绪, 回电指示灯亮起
闪光次数 (1/1 档)	约 650 次
节能	具备待机 / 自动关机功能
同步触发方式	热靴, 2.5mm 同步线
尺寸	
体积	166mm×71mm×49mm
净重 (不含电池)	约 282g
净重 (含电池)	约 361g

规格和参数如有变更, 恕不另行通知。

故障排除指南

如果遇到问题，请参阅此故障排除指南。

闪光灯不闪光

- 确保闪光灯热靴座牢固地安装在相机上。
- 如果闪光灯和相机的电子触点变脏，请用干布擦拭触点。
- 如果 <  > 图标或 <  > 图标未出现在相机取景器中，请等待闪光灯回电完成，闪光灯准备就绪指示灯亮起。
- 如果闪光灯准备就绪指示灯已经亮起，相机取景器中的 <  > 图标或 <  > 图标仍未亮起，请检查热靴连接，确保闪光灯牢固地安装在相机上。
- 若等待较长时间，闪光灯准备就绪指示灯一直没有亮起，请检查电池是否有电。如果电量低（闪光灯屏幕上电池图标变红），请更换电池或及时充电。

电源自动关闭

- 当灯处于机顶模式 / 主控模式时，待机开启，超过 90 秒无人操作时，闪光灯会进入休眠状态，请半按快门按键或机身任意键唤醒闪光灯。
- 当灯处于机顶模式 / 主控模式时，待机关闭，自动关机开启，超过 60 分钟（或 30 分钟或 90 分钟）无人操作时，闪光灯会自动关机，请重新开机。
- 当灯处于从属模式时，自动关机开启，超过 60 分钟（或 30 分钟或 90 分钟）无人操作时，闪光灯会自动关机，请重新开机。

自动变焦不工作

- 闪光灯没有牢固地安装在相机上，请将闪光灯的热靴座牢固地安装在相机上。

闪光曝光不足或过度

- 使用高速同步，有效的闪光范围会更小，需要确保被摄体位于显示的有效闪光范围内。
- 如果主被摄物体显得太暗或太亮，请设置合适的闪光补偿值。

相片出现暗角或者被摄物体只有局部能照亮

- 相机镜头焦距超出闪光灯的覆盖范围，请检查闪光灯当前的闪光覆盖范围，本产品的灯头变焦范围是全画幅系统 24-105mm。
- 请将闪光覆盖范围设置为 A 自动变焦。

固件升级

- 本产品 USB 接口为 USB Type-C 接口，请使用 USB Type-C 充电线。
- 产品升级固件需要 Godox G3 V1.1 程序软件支持，升级固件前请先下载安装“Godox G3 V1.1 固件升级软件”再选择相应的固件文件。
- 由于产品进行固件升级，说明书请以最新电子版为准。
- Godox G3 V1.1 固件升级软件下载地址：
<https://www.godox.com.cn/firmware-G3/>

兼容相机列表

V480 C 可兼容以下佳能 EOS 系列的相机型号：

80D、90D、7D、6D、70D、750D、760D、5D Mark IV、EOS 1DX、6D Mark II、77D、800D、5D Mark III、5D Mark II、60D、7D Mark II、600D、50D、30D、40D、500D、M5、M3、M50、R、RP、M6 II、R5、1500D、3000D、R7、R6 II、R50、R8、R5C、R10、R100、R5 II、R3、200D II

V480 S 可兼容以下索尼的相机型号：

a77 II、a99、a77、DSC-RX10、a6000、a7R、a350、a7R II (4.0)、a7R III、a7M3、a9、a7R IV、a7R5、a7M IV、ZV-E10、A9 III、A7C、A7C II、a6400、a6500

V480 N 可兼容以下尼康相机型号：

D800、D750、D700、D610、D500、D200、D300S、D5、D4、D810、D780、D5300、D5200、D5100、D5000、D3300、D3100、D60、Z6、Z7 II、Z8、ZFC

V480 O 可兼容以下奥林巴斯或松下相机型号：

奥林巴斯：E-M1、PEN-F、E-M10 II、E-PL8、E-P5、E-M10 III

松下：GH4、LX100、DMC-GF1、DMC-G85、DMC-GX85、DMC-LX100、DMC-FZ2500GK、S1

V480 F 可兼容以下富士系列的相机型号：

根据富士对闪光灯的控制不同，分为以下类别进行区分：

A 类：X-Pro2、X-T20、X-T2、X-T1、GFX50s、GFX50R

X-T30、X-T4、X-T3、X-S20、X-T5、

B 类：X-Pro1、X-T10、X-E1、X-A3

C 类：X100F、X100T

相机兼容及功能支持对照表：

相机	机顶闪光灯						
	TTL 闪光控制			M 闪光控制			重复闪光
	前帘同步	后帘同步	高速同步	前帘同步	后帘同步	高速同步	
A 类	√	√	√	√	√	√	√
B 类	√	√	--	√	--	--	√
C 类	√	√	√	√	√	√	√

	2.4G 主控从属闪光灯						
相机	TTL 闪光控制			M 闪光控制			重复闪光
	前帘同步	后帘同步	高速同步	前帘同步	后帘同步	高速同步	
A 类	√	√	√	√	√	√	√
B 类	√	√	--	√	√	--	√
C 类	√	--	--	√	--	--	√

- i** 1. 相机 X100T 无后帘和高速拍摄功能。
 2. 相机 X-Pro1/X-T10 无高速拍摄功能。当闪光灯为 M 闪光控制，无法更改相机前帘、后帘模式。

- i** 1. 此表格仅列举目前已测试的相机型号，未涵盖所有相机型号。其他相机型号，用户可自行测试。
 2. 本公司保留未来修改此表格内容的权利。

Contents

32	About This Instruction Manual
33	Important Safety Instructions
35	Foreword
36	Name of Parts
	Body
	2 " Touch Screen Panel
37	What's Inside
37	Separately Sold Accessories
38	Installing the Diffuser
38	Installing/Disassembling Battery
39	Battery Level Indication
39	Installing/Disassembling the Camera Flash
39	Power Management
40	Wi-Off Mode
	M: Manual Flash
	TTL: TTL Auto Flash
	ZOOM: Setting the Flash Coverage
42	Sender Mode
	Group
	M: Manual Flash—Flash Power
	TTL Auto Flash—Flash Exposure Compensation Amount
	Adjust the Parameters Uniformly
	ZOOM: Setting the Flash Coverage
43	Receiver Mode
	Group
	TTL: TTL Auto Flash
	M: Manual Flash
	Flash Power Settings
	ZOOM: Setting the Flash Coverage
44	Other Functions
	Sync Mode
	Photocell
	Beep
	Modeling Lamp
	Screen Lock
	Multi Flash
48	Wireless Settings
	Scan the Spare Channel
	Channel Settings
	ID Settings
	Wireless Sync
49	Menu
51	Wireless Flash Shooting (2.4G Wireless Transmission)
	TTL: Wireless Multiple Flash Shooting in TTL Auto Flash Mode
	M: Wireless Multiple Flash Shooting in M Manual Flash Mode
	Wireless Multiple Flash Shooting in Different Flash Modes
	Wireless Multiple Flash Shooting in Multi Flash Mode
53	Other Applications
	Sync Triggering

	Modeling Flash
	Bounce Flash
	Use Reflector to Take Photos
	Use Wide-angle Diffuser to Take Photos
	Low Battery Warning
55	Control with the Camera's Menu (Only available in V480 C)
56	Global Shutter Sync Shooting (Only available in V480 S)
58	Protection Function
	Over-Temperature Protection
	Other Protections
59	The Reason & Solution of Not Triggering in Godox 2.4G Wireless
60	Technical Data
61	Troubleshooting
62	Firmware Upgrade
62	Compatible Camera Models

About This Instruction Manual

This manual is based on the assumption that both the camera and camera flash's power switches are turned on.

The following alert symbols are used in this manual:

The caution symbol  indicates a warning to prevent shooting problem.

The note symbol  gives supplemental information.



Caution (LED Modeling Lamp)

Hot surface. Do not touch.

RISKGROUP2 (LED Modeling Lamp)



Caution

Possibly hazardous optical radiation emitted from this product.
Do not stare at operating lamp. May be harmful to the eyes

Important Safety Instructions

This product is a professional photographic equipment, to be operated by professional personnel only.

All transport protective materials and packaging on the product must be removed before use.

The following basic safety precautions must be followed when using this product:

1. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions. Failure to do so may result in serious injury, damage to the product, or other property damage.
2. This product is a professional lighting fixture, children are prohibited from using it. Children must be closely supervised by adults when approaching the fixture, to prevent collisions with the fixture or unauthorized use that could cause personal injury.
3. This is not an ordinary lighting fixture and must not be used for general illumination. Anyone with a history of eye damage or sensitivity should avoid using this fixture or looking directly at it.
4. Extreme caution must be exercised when using it, do not touch high-temperature parts such as flash tubes to avoid burns.
5. Do not point the flash directly at the eyes (especially baby's eyes) under any circumstances, as this could impair vision in a short time. Turn off immediately if discomfort occurs, stop using, and seek medical attention promptly.
6. If the flash tube is damaged, stop using it immediately and contact the manufacturer, service agent, or qualified repair personnel for a replacement to prevent accidents.
7. 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.
8. This device is not waterproof. Keep it dry and avoid immersing it in water or other liquids. It should be installed in a ventilated and dry location and avoid using in rainy, humid, dusty, or overheated environments. Do not place items above the device or allow liquids to flow into it to prevent danger.
9. Do not disassemble without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized repair personnel.
10. Before storing the device, make sure it is completely cooled.
11. Do not place the device near alcohol, gasoline, or other flammable volatile solvents or gases such as methane and ethane.
12. Do not use or store this device in potentially explosive environments.
13. Maintain at least 1 meter distance between the lamp head and the user, other people, and heat-sensitive or flammable items during and after use.
14. Do not use accessories not been approved by our company, as this may cause fire, electric shock or personal injury.
15. Clean gently with a dry cloth. Do not use a wet cloth as it may damage the device.
16. This instruction manual is based on rigorous testing. Changes in design and specifications are subject to change without notice. Check official website for latest instruction manual and product updates.

17. This product is powered by lithium batteries, who have limited lifespans and will gradually lose their charging capacities, which is irreversible. As the battery ages, the product's battery life will decrease. The lifespan of lithium battery is estimated to be 2 to 3 years. Please regularly check the battery, and if the charging time significantly increases or the battery life significantly decreases, consider replacing the battery.
18. This product is equipped with lithium batteries. The following are the storage recommendations: Charge the battery to about 50% before storage. Charge it to about 50% at least every six months. Removable batteries should be stored separately. The storage temperature should be between 0°C and 40°C.
19. Precautions for using lithium batteries:
- Do not disassemble, crush, or puncture the battery;
 - The battery is not waterproof, do not immerse it in fog or water;
 - Avoid short-circuiting the battery contacts;
 - Do not expose the battery to or put it into fire;
 - Do not expose the battery to temperatures above 60°C;
 - Keep out of reach of children;
 - Protect the battery from excessive shock or vibration;
 - Do not use a damaged battery;
 - If the battery leaks, avoid contact with the leaking fluid;
 - If the battery fluid comes into contact with your eyes, immediately rinse with water for at least 15 minutes. Lift your eyelids until there are no signs of fluid and seek medical attention promptly.
20. Confirm and comply with all relevant local laws and regulations when handling any batteries.
21. The warranty period for this device as a whole is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.
22. Unauthorized repairs will void the warranty and will incur charges.
23. Please check the status and power of the lithium battery upon receipt. If there are any quality issues, please contact Godox or our authorized dealer within the warranty period.
24. Failures from improper operation is not covered under warranty.
25. For LED Modeling Lamp: The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
26. If the lamp is damaged or thermally deformed: Immediately discontinue use. The device must be inspected and repaired exclusively by our company or authorized service personnel.

Foreword

Thank you for purchasing!

TTL li-ion camera flash V480 is perfect for TTL auto flash with its excellent compatibility, you can enjoy unprecedented shooting convenience even with frequent changes in lighting conditions. Its main features include:

Quick Operations: 2" touch screen together with traditional buttons to achieve clear and easy operations.

LED Modeling Lamp: Built-in LED modeling lamp with adjustable brightness (01-10) to preview light effects conveniently.

TTL Compatibility: Perfectly supports TTL auto flash to simplify the shooting procedure.

Wireless Control Ability: 2.4G wireless flash triggering extends more shooting possibilities.

Professional Functions: Supports manual flash, Multi flash, high-speed sync, second-curtain sync, FEC, etc.

Effective Power Supply: 7.2V/2200mAh lithium battery provides 650 flashes and 1.7s recycle time at full power.

Stable Continuous Shooting: The output color and brightness remain consistent even in high-speed continuous shooting.

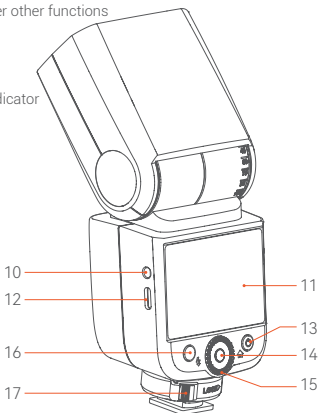
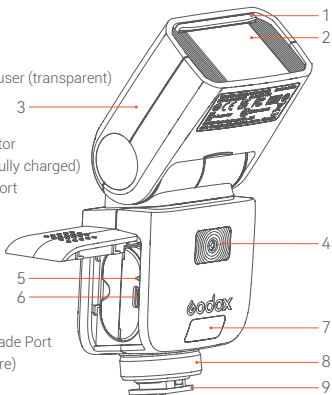
Firmware Upgrade: Firmware is updated regularly to be compatible with the latest camera models and ensure optimal performance.

Camera Compatibility: V480 C is compatible with Canon cameras. V480 S is compatible with Sony cameras. V480 N is compatible with Nikon cameras. V480 F is compatible with Fujifilm cameras. V480 O is compatible with Olympus or Panasonic cameras.

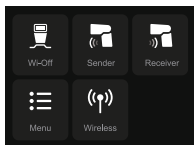
Name of Parts

Body

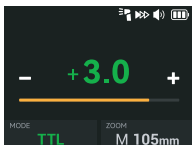
1. Catchlight Panel (white)
2. Built-in Wide-angle Diffuser (transparent)
3. Flash Head
4. LED Modeling Lamp
5. Battery Charging Indicator (red in charging, green in fully charged)
6. USB Type-C Charging Port (for charging the battery)
7. Photocell Sensor
8. Lock Ring
9. Hot Shoe
10. Sync Cord Jack
11. Touch Screen
12. USB-C Firmware Upgrade Port (for upgrading the firmware)
13. Power Switch Button (Short press once to enter mode/return interface, press twice to enter other functions interface)
14. Set Button
15. Select Dial
16. Test Button / Recycle Indicator
17. Hot Shoe Fixing Buckle



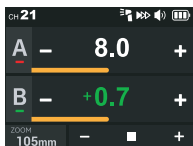
2 " Touch Screen Panel



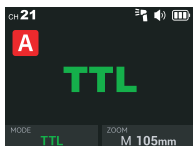
Mode Interface



Wi-Off Mode

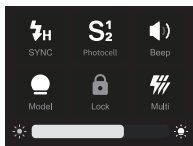


Sender Mode



Receiver Mode

(This interface takes V480 C as an example,
other models interfaces may differ)

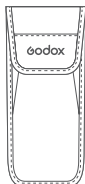


Other Functions

What's Inside



Flash Body
x1



Storage
Bagx1



Diffuser
x1



Lithium
Batteryx1



Adapter
x1



USB-C Charging
Cablex1



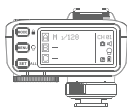
Mini Stand
x1



Instruction
Manualx1

Separately Sold Accessories

The product can be used in combination with the following accessories
sold separately, so as to achieve the best photography effects:



Flash Trigger X2T Series



Flash Trigger XProII Series

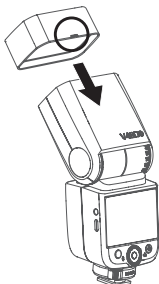


Flash Trigger X3 Series

Note: Please purchase the correct accessories according to your flash models.

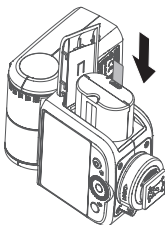
Installing the Diffuser

Align the bump side of the diffuser with the "V480" icon side of the flash body and insert in with moderate force until it's firmly installed.

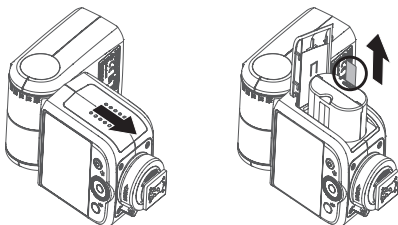


Installing/Disassembling Battery

Installing the battery: Insert the battery into the battery compartment in the direction as referred below until it's firmly locked, then close the lid.



Disassembling the battery: Slide the battery compartment lid in the direction as referred below, then pull the battery out of the battery compartment.



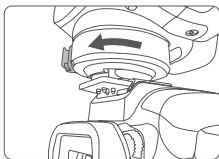
Battery Level Indication

Make sure the battery pack is securely loaded in the flash. Check the battery level indication on the LCD panel to see the remaining battery level.

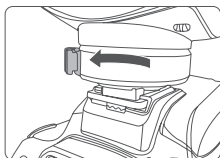
Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Lower battery, please recharge it.
No battery alert blinking	The battery level is going to be used out, and the flash is not functional in this status. Note: Please recharge the battery as soon as possible (within 10 days). Then, the battery can be used or be placed for long period.

Installing/Disassembling the Camera Flash

Installing the camera flash: Rotate the hot shoe fixing buckle and rotate it to the left, insert the camera flash into the camera's hot shoe. Then rotate it to the right until it locks up.



Disassembling the camera flash: Press and rotate the hot shoe fixing buckle to the left until it is loosened, then take off the camera flash.

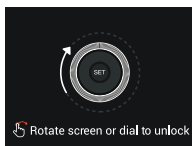


⚠ Be sure to power off the camera and flash when installing and disassembling the flash to prevent damage to the devices.

Power Management

Power On: Long press the power switch button until the < SET > icon appears on the panel, then slide the screen or rotate the select dial in the direction showed on the panel to turn it on.

Note: The screen backlight automatically turns dark after 15 seconds of no operation in power-on status, and it can be lit up by touching.



⤴ Rotate screen or dial to unlock

Standby: Setting as wi-off/sender mode when the standby function is on, the flash will enter standby mode automatically after a certain period (approx. 90 seconds) of idle use. Press the camera shutter halfway or press any button will wake up the flash unit.

Auto Off:

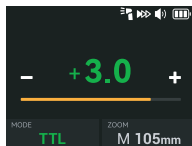
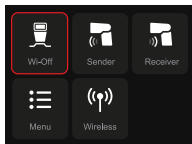
Setting as wi-off/sender mode when the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use.

Setting as receiver mode and the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use. The auto off function can be turned off manually when using off-camera as a receiver unit.

Wi-Off Mode

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Wi-Off" icon to enter Wi-Off mode.

Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter Wi-Off mode.

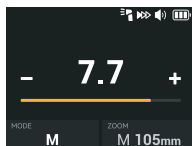


M: Manual Flash

The flash output is adjustable from 1/1 to 1/256 or from 2.0 to 10 with 0.1 or 0.3 increment each step. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.

Touch Screen: Click the "MODE" icon to switch to M mode, press the – or + icon to adjust the power with ± 0.1 or ± 0.3 increment each step, or directly pull the progress bar to achieve quick adjustment.

Buttons and Select Dial: Rotate the select dial and press the set button to choose "MODE" icon, then rotate and press again to choose "M". Rotate up to choose the power value, then rotate and press again to adjust power with ± 0.1 or ± 0.3 increment each step, quick adjustment is also available by fast rotation.



S1 Photocell Unit Setting

In M manual flash mode, this flash can function as an optic S1 secondary flash with optic sensor. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by the use of wireless triggers. This helps create multiple lighting effects.

S2 Photocell Unit Setting

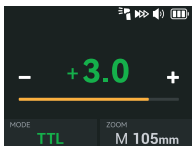
In M manual flash mode, this flash can also function as an optic S2 secondary flash with optic sensor. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single "pre-flash" from the main flash and will only fire in response to the second, actual flash from the main flash.

-  1. S1 and S2 Photocell triggering is only available in M manual flash mode.
2. Enter menu setting to switch between S1/S2 Photocell or turn off this function.

TTL: TTL Auto Flash

In TTL mode, the camera's metering system detects the flash reflected from the subject and automatically adjusts the flash output so that the subject and background are evenly exposed.

Touch Screen: Click the "MODE" icon to switch to TTL mode, press the – or + icon to adjust the FEC amount among ± 3 with $\pm 1/3$ increment each step, or directly pull the progress bar to achieve quick adjustment.



Buttons and Select Dial: Rotate the select dial and press the set button to choose "MODE" icon, then rotate and press again to choose "TTL". Rotate up to choose the FEC amount, then rotate and press again to adjust the FEC amount among ± 3 with $\pm 1/3$ increment each step, quick adjustment is also available by fast rotation.

- Press the camera shutter halfway to focus. The effective flash range will be displayed in the LCD panel.

ZOOM: Setting the Flash Coverage

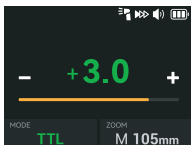
The flash coverage can be set automatically or manually. In auto zoom mode, the focal length changes in response to the camera's zoom lens to provide optimal flash results.

Auto Zoom Mode: A-mm, and the flash coverage will be set automatically.

Manual Zoom Mode: 24mm-105mm (V480 C/V480 S/V480 N); 24mm-105mm or 12-52mm (V480 O); 24mm-105mm or 16-69mm (V480 F)

Touch Screen: Click the “ZOOM” icon to switch between auto zoom(A--mm) mode or manual zoom mode.

Buttons and Select Dial: Rotate the select dial and press the set button to choose “ZOOM” icon, then rotate and press again to choose the needed zoom mode.



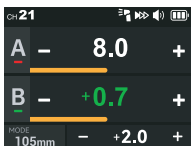
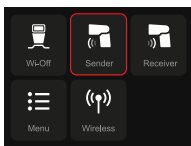
⚠ If you set the flash coverage manually, make sure it covers the lens focal length so that the picture will not have a dark periphery.

Sender Mode

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the “Sender” icon to enter sender mode, slide upward can check more groups.

Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter sender mode, rotate the select dial can check more groups.

The wireless is turned on by default in sender mode.



(This interface takes V480 C as an example, other models interfaces may differ)

Group

Five groups: A, B, C, D, E (V480 C)

M, A, B, C, D (V480 S/V480 N/V480 O/V480 F)

M: Manual Flash—Flash Power

Touch Screen: Press and hold the group box to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is in white color, this group is in M (manual) flash mode. The flash power is adjustable by clicking the – or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press and hold the set button to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is in white color, this group is in M (manual) flash mode. The flash power is adjustable by rotating the select dial, then press the set button to exit.

TTL Auto Flash—Flash Exposure Compensation Amount

Touch Screen: Press and hold the group box to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is in green color, this group is in TTL auto flash mode. The flash compensation amount is adjustable by clicking the – or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press and hold the set button to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is in green color, this group is in TTL auto flash mode. The flash compensation amount is adjustable by rotating the select dial, then press the set button to exit.

Adjust the Parameters Uniformly

Touch Screen: Click the – or + icon can increase or decrease the flash power or FEC amount uniformly.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press the set button to enter uniform adjustment and rotate the select dial to increase or decrease the flash power or FEC amount uniformly, then press the set button to exit.

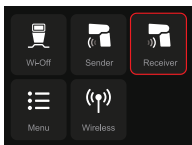
ZOOM: Setting the Flash Coverage

You can choose auto zoom mode or manual zoom mode (24mm-105mm). The details of which please refer to the ZOOM section in the Wi-Off mode above.

Receiver Mode

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the “Receiver” icon to enter receiver mode.

Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter receiver mode.



The wireless is turned on by default in receiver mode.

Group

Five receiver groups: A, B, C, D, E

Touch Screen: Click the group icon to switch groups.

Buttons and Select Dial: Rotate the select dial to choose the group icon, then press the set button to enter group settings and rotate the select dial to switch groups, finally press the set button again to exit.

TTL: TTL Auto Flash

Touch Screen: Click the "MODE" icon to switch to TTL mode.

Buttons and Select Dial: Rotate the select dial to choose the "MODE" icon, then press the set button to enter MODE settings and rotate the select dial to switch to TTL mode, finally press the set button again to exit.



The details of which please refer to the section Wi-Off mode → TTL auto flash above.

M: Manual Flash

Touch Screen: Click the "MODE" icon to switch to M mode.

Buttons and Select Dial: Rotate the select dial to choose the "MODE" icon, then press the set button to enter MODE settings and rotate the select dial to switch to M mode, finally press the set button again to exit.



The details of which please refer to the section Wi-Off mode → M: manual flash above.

Flash Power Settings

The flash power adjustable from 1/256 to 1/1 or from 2.0 to 10 when choosing M (flash) mode.

Touch Screen: The flash power is adjustable by clicking the – or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial to choose the flash power box, press the set button to enter flash power settings and rotate the select dial to adjust, finally press the set button again to exit.

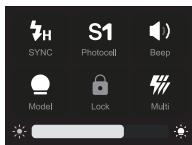
ZOOM: Setting the Flash Coverage

You can choose auto zoom mode or manual zoom mode (24mm-105mm). The details of which please refer to the ZOOM section in the Wi-Off mode above.

Other Functions

Touch Screen: When in Wi-Off/Sender/Receiver mode, slide the screen down to make other functions appear, slide up to return to the main interface.

Buttons and Select Dial: When in Wi-Off/Sender/Receiver mode, short press the power switch button twice to make other functions appear, press it again to return to the main interface.



Sync Mode

High-speed Sync

High speed sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

Second-curtain Sync

With a slow shutter speed and second-curtain sync, you can create a light train following the subject. The flash fires right before the shutter closes.

Touch Screen: Click the "SYNC" icon to switch sync mode.

Buttons and Select Dial: Rotate the select dial to choose "SYNC" icon, then press the set button to switch sync mode.

-  1. Choose REAR flash mode in camera settings for V480 S/V480 N/V480 F/V480 O.
2. When using Nikon camera with V480 N, the HSS is on by default in high-speed camera shutter, while HSS is off in low-speed shutter.

Photocell

Touch Screen: Click the "Photocell" icon to switch among OFF, S1 or S2.

Buttons and Select Dial: Rotate the select dial to choose "Photocell" icon, then press the set button to switch among OFF, S1 or S2.

-  The details of which please refer to the M: manual flash section in the Wi-Off mode above.

Beep

The flash will fire with a prompt tone if the beep is turned on.

Touch Screen: Click the "Beep" icon to turn on or off the beep.

Buttons and Select Dial: Rotate the select dial to choose "Beep" icon, then press the set button to turn on or off the beep.

Modeling Lamp

Touch Screen: Click the "Model" icon to turn on or off the modeling lamp. The brightness of it is adjustable from 1 to 10 by pulling the progress bar down when it's turned on.

Buttons and Select Dial: Rotate the select dial to choose "Model" icon, then press the set button turn on or off the modeling lamp. When the modeling lamp is on, its brightness is adjustable from 1 to 10 by rotating the select dial and pressing the set button after selecting the progress bar down, then press the set button again to exit.

Screen Lock

Touch Screen: Click the "Lock" icon to turn on the screen lock, press and hold for 2s to unlock.

Buttons and Select Dial: Rotate the select dial to choose "Lock" icon, then press the set button to turn on the screen lock, press and hold for 2s to unlock.

Multi Flash

With slow shutter speed in multi flash mode, a rapid series of flashes is fired. It can be used to capture multiple images of a moving subject in a single photograph.

You can set the flash frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.

Flash output range: 1/256-1/4 or 2.0-8.0.

Number of flashes: 1-100

Flash frequency: 1-100

ZOOM range: auto zoom or manual zoom.

Touch Screen: Click the "Multi" icon to turn on or off the multi flash. When the multi flash is turned on, slide the screen up can adjust the parameters. Slide the number in front of "Times" can adjust the number of flashes, slide number in front of "Hz" can adjust the flash frequency, click the – or + icon can adjust the flash power, press the "ZOOM" icon down to enter the ZOOM setting interface and choose auto zoom or manual zoom, then adjust the ZOOM value. Finally press the return icon to back to the multi flash interface.

Buttons and Select Dial: Rotate the select dial to choose "Multi" icon, then press the set button to turn on or off the multi flash. When the multi flash is turned on, press the power switch button to make the parameters interface appears, then the flash power, number of flashes, flash frequency and ZOOM value are all adjustable by rotating the select dial, finally press the set button again to exit.

Calculating the Shutter Speed

During multi flash, the shutter remains open until the firing stops. Use the formula below to calculate the shutter speed and set it with the camera.

$$\text{Number of Flashes} \div \text{Flash Frequency} = \text{Shutter Speed}$$

For example, if the number of flashes is 10 and the flash frequency is 5Hz, the shutter speed should be at least 2 seconds.

 To avoid overheating and deteriorating the flash head, do not use multi flash more than 10 times in succession. After 10 times, allow the camera flash to rest for at least 15 minutes. If you try to use the multi flash more than 10 times in succession, the firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes' rest for the camera flash.



1. Multi flash is most effective with a highly reflective subject against a dark background.
2. Using a tripod and TTL flash trigger XPROII is recommended.
3. A flash output of 1/1 and 1/2 cannot be set for multi flash.
4. Multi flash can also be used with "buLb" mode.
5. Multi flash mode cannot be set in high-speed sync mode.
6. Please turn off the multi flash when not using, otherwise TTL flash and M flash are not available.

Maximum Time of Consecutive Flashes

Flash Frequency(Hz) Number of Flashes Flash Output	1	2	3	4	5	6-7	8-9
1/4	8	6	4	3	3	2	2
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80
1/256	100	100	100	100	100	90	80

Flash Frequency(Hz) Number of Flashes Flash Output	10	11	12-14	15-19	20-50	60-100
1/4	2	2	2	2	2	2
1/8	4	4	4	4	4	4
1/16	10	8	8	8	8	8
1/32	20	20	20	18	16	12
1/64	50	40	40	35	30	20
1/128	70	70	60	50	40	40
1/256	70	70	60	50	40	40

Wireless Settings

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Wireless" icon to enter wireless mode. Then slide from the left to the right to return to the main interface.

Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter wireless mode. Short press the power switch button to return to the main interface.

Channel	ID
28	28
29	29
30	30
SCAN	SYNC

Scan the Spare Channel

You can scan the spare channel to avoid the interference of using the same channel by others.

Touch Screen: Click the "SCAN" icon to start scanning, and the 8 spare channels will be displayed, click your desired channel.

Buttons and Select Dial: Rotate the select dial to choose "SCAN" icon, then press the set button to start scanning, and the 8 spare channels will be displayed, rotate the select dial and press the set button to choose your desired channel.

Channel Settings

If there are other wireless flash systems nearby, you can change the wireless channels to prevent signal interference. The wireless channels (01-32) of the sender unit and the receiver unit(s) must be set to the same.

Touch Screen: Slide the "Channel" box to choose your desired channel.

Buttons and Select Dial: Rotate the select dial to choose "Channel" box, then press the set button to enter channel settings, rotate the select dial and press the set button to choose your desired channel, finally press the set button to exit.

ID Settings

Change the wireless ID to avoid interference for it can only be triggered after the wireless IDs (OFF/01-99) of the sender unit and the receiver unit are set to the same.

Touch Screen: Slide the "ID" box to turn off the ID, or choose your desired ID.

Buttons and Select Dial: Rotate the select dial to choose "ID" box, then press the set button to enter ID settings, rotate the select dial and press the set button to choose your desired ID, finally press the set button to exit.

Wireless Sync

The wireless sync function helps the sender and receiver to quickly set the same channel and ID.

Receiver Wireless Sync

Preconditions:

1. Set V480 to sender mode and the "Sender" icon on the panel is yellow.
2. Assume retro camera flash Lux Master as the receiver.

Touch Screen: Click the "SYNC" icon on both V480 and Lux Master.

Buttons and Select Dial: Rotate the select dial on V480 to choose "SYNC" icon, then press the set button. Rotate the select dial on Lux Master to choose "SYNC" icon, then press the SET button.

Sender Wireless Sync

Preconditions:

1. Set V480 to receiver mode and the "Receiver" icon on the panel is yellow.
2. Assume flash trigger X3 as the sender.

Touch Screen: Click the "SYNC" icon on both V480 and X3.

Buttons and Select Dial: Rotate the select dial on V480 to choose "SYNC" icon, then press the set button. Rotate the select dial on X3 to choose "SYNC" icon, then press the select dial.

When the sender unit and receiver unit are both V480, wireless sync is also available.

Menu

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Menu" icon to enter the menu interface. Then slide from the left to the right to return to the main interface.

Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter the menu interface. Short press the power switch button to return to the main interface.

Due to the difference in the menu order of different models, the specific menu ordering is subject to the actual product models, the following only explains the menu functions.

Icon	Function	Options		Description
	Sender Flash (only available in V480 C)	Off		Sender flash off
		On		Sender flash on
	Power Type	1/256	0.1	Minimum power step is 1/256, 0.1 or 0.3 increment are available for choice
			0.3	
		2.0	0.1	Minimum power step is 2.0, 0.1 or 0.3 increment are available for choice
			0.3	
	TCM	On		Flash value of TTL mode can be converted to the power value of M mode
		Off		Turn off this function

Icon	Function	Options	Description
	m/ft	m	Meter
		ft	Feet
	Standby	On	Automatically standby after the set time (90 seconds) of idle use.
		Off	Do not automatically standby after the set time (90 seconds) of idle use.
	Auto Off	Off	Turn off auto power off function
		30 min	1. Setting as wi-off/sender mode when the standby function is off, the flash will automatically shut down after 30 minutes of idle use. 2. Setting as receiver mode, the flash will automatically shut down after 30 minutes of idle use.
		60 min	1. Setting as wi-off/sender mode when the standby function is off, the flash will automatically shut down after 60 minutes of idle use. 2. Setting as receiver mode, the flash will automatically shut down after 60 minutes of idle use.
		90 min	1. Setting as wi-off/sender mode when the standby function is off, the flash will automatically shut down after 90 minutes of idle use. 2. Setting as receiver mode, the flash will automatically shut down after 90 minutes of idle use.
	Model	Continue	The modeling lamp is constant on when flashing.
		Interrupt	The modeling lamp automatically turns off when flashing.
	Screen	/	Screen brightness is steplessly adjustable.
		30 sec	Screen standby after 30 seconds of idle use.
		1 min	Screen standby after 1 minute of idle use.
		2 min	Screen standby after 2 minute of idle use.
		3 min	Screen standby after 3 minute of idle use.
	Zoom	4/3	4/3 system (only available in V480 O)
		APS	APS system (only available in V480 F)
		135	135 system (default in V480 C/V480 S/V480 N)
	New Agreement (only available in V480 S)	On	The new agreement is turned on by default.
		Off	Turn off the new agreement in case of incompatibility of flash and camera.
	Language	Simplified Chinese	Simplified Chinese system
		English	English system
	Factory Reset	Cancel	Cancel factory reset
		Apply	Factory reset
	Device Info	/	Display the device model and firmware version

Wireless Flash Shooting (2.4G Wireless Transmission)

This chapter mainly explains how to perform wireless multiple shooting with 2.4G wireless transmission by using V480 as the sender unit (refer to as "sender unit" below) and Godox flashes with 2.4G wireless receiving function such as V480, AD100PRO or V100 as the receiver unit (refer to as "receiver unit" below).

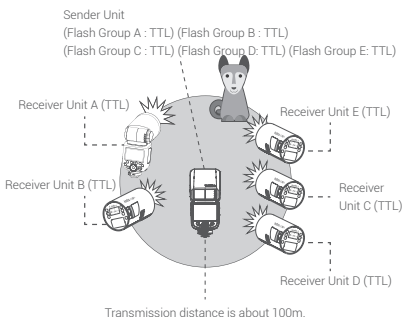
- ▲ 1. The channel, group, and ID of the sender and receiver units should be set to the same, details of which please refer to the wireless settings section above.

2. This chapter takes V480 C as an example, operations of other models (V480 S or V480 N) may differ.

TTL: Wireless Multiple Flash Shooting in TTL Auto Flash Mode

Set the flash groups (A, B, C, D and E) of V480 (sender unit) as <TTL>, no need to set the receiver units and they will perform wireless multiple flash shooting in auto flash. Set the FEB value on sender unit, no need to set the receiver units and they will follow the sender.

● Auto Flash Shooting with Multiple Receiver Units



i There is no group E in sender groups of V480 S/V480 N/V480 F/V480 O.

M: Wireless Multiple Flash Shooting in M Manual Flash Mode

Set the flash groups (A, B, C, D and E) of V480 (sender unit) as either the same or different flash output power, no need to set the receiver units and they will perform wireless multiple flash shooting by following the sender.

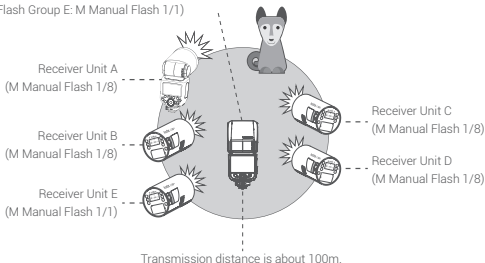
● Manual Flash Shooting with Multiple Receiver Units

Sender Unit

(Flash Group A: M Manual Flash 1/8) (Flash Group B: M Manual Flash 1/8)

(Flash Group C: M Manual Flash 1/8) (Flash Group D: M Manual Flash 1/8)

(Flash Group E: M Manual Flash 1/1)



There is no group E in sender groups of V480 S/V480 N/V480 F/V480 O.

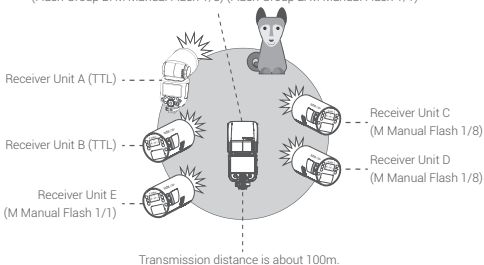
Wireless Multiple Flash Shooting in Different Flash Modes

Set the flash groups (A, B, C, D and E) of V480 (sender unit) as the different flash modes, no need to set the receiver units and they will perform wireless multiple flash shooting in different flash modes. Set the FEB value on sender unit, no need to set the receiver units and they will follow the sender.

Sender Unit

(Flash Group A: TTL) (Flash Group B: TTL) (Flash Group C: M Manual Flash 1/8)

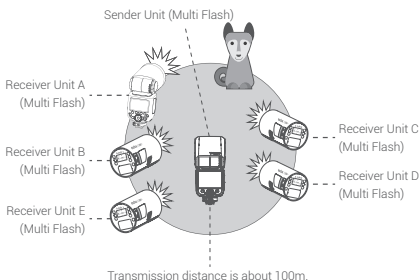
(Flash Group D: M Manual Flash 1/8) (Flash Group E: M Manual Flash 1/1)



There is no group E in sender groups of V480 S/V480 N/V480 F/V480 O.

Wireless Multiple Flash Shooting in Multi Flash Mode

Set the V480 (sender unit) to multi flash mode, no need to set the receiver units (A, B, C, D and E) and they will perform wireless multiple flash shooting with the sender unit. Set the flash output value, number of flashes and flash frequency on sender unit, no need to set the receiver units and they will follow the sender. Each sender unit can set up to five groups of multi flashes.



There is no group E in sender groups of V480 S/V480 N/V480 F/V480 O.

Other Applications

Sync Triggering

The sync cord jack is a $\Phi 2.5\text{mm}$ plug. Insert a trigger plug here and the flash will be fired synchronously with the camera shutter.

Modeling Flash

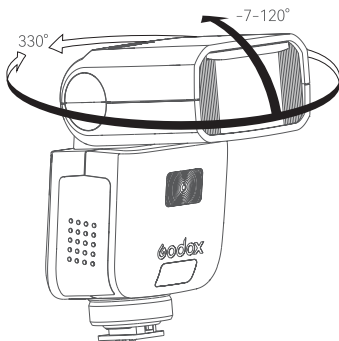
If the camera has a depth-of-field preview button, pressing it will fire the flash continuously for 1 second. This is called modeling flash. It enables you to see the shadow effects on the subject and the lighting balance. You can fire the modeling flash during wireless or normal flash shooting.



1. To avoid overheating and deteriorating the flash head, do not fire the modeling flash for more than 10 consecutive times. If you fire the modeling flash 10 consecutive times, allow at least 10 minutes' break for the camera flash.
2. The modeling flash cannot be fired with the Canon EOS 300 and Type-B cameras.
3. V480 S, V480 F and V480 O do not support modeling flash.

Bounce Flash

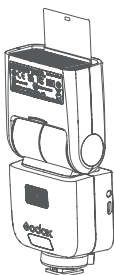
By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is called bounce flash.



- i** 1. If the wall or ceiling is too far away, the bounced flash might be too weak and result in underexposure.
- 2. The wall or ceiling should be a plain, white color for high reflectance. If the bounce surface is not white, a color cast may appear in the picture.

Use Reflector to Take Photos

Pull out the built-in reflector and wide-angle diffuser from the flash head at the same time and then push the wide-angle diffuser back. In such case, if this product is being used to take photos, it will produce a highlighted point on the eyes of the subject and thus make the eyes charming (catch lights). This function can reach optimal effect when the flash head is up 90°.



Use Wide-angle Diffuser to Take Photos

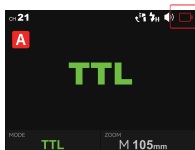
Pull out the built-in wide-angle diffuser to enlarge flash lighting range, so as to get more softened and natural lighting effect.



 The ZOOM value is fixed at 14mm when the wide-angle diffuser is pulled out.

Low Battery Warning

If the battery power is low, the  icon will turn red. Please replace or charge the battery immediately.



Control with the Camera's Menu(Only available in V480 C)

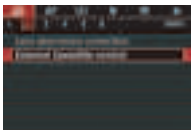
If the camera flash is attached to an EOS camera which has a camera control function, the flash can be controlled using the camera's menu screen.

The functions that can be set are as follows. The available settings vary depending on the flash mode, wireless flash function settings, and other conditions.

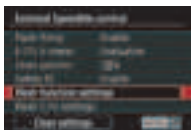
Function	
Flash Firing	On/Off
E-TTL Balance	Ambience priority/Standard/Flash priority
TTL Metering	Evaluative (Face priority) / Evaluative / Average
Continuous Flash Control	E-TTL shooting every time / E-TTL shooting for the first time
Flash synchronization speed in aperture-priority mode	
Flash Mode	TTL flash metering (auto flash) /manual flash/multi flash (stroboscopic)
Wireless Functions	Wireless flash: Off/Radio transmission
Zoom (Flash Coverage)	
Shutter Sync	First-curtain Sync/Second-curtain Sync /High-speed Sync
Flash Exposure Compensation	

Setting Camera Flash Functions

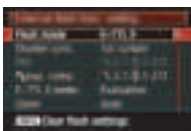
1. Select <Flash control> or <External Speedlite control>.



2. Select <Flash function settings> or <External func. setting>.



3. The setting screen and items displayed vary depending on the camera.



- i** 1. To clear all custom function settings, you can enter the [Clear settings] in step 2 and select [Clear all Speedlite C.Fn's] or [Clear ext. flash C.Fn set].
2. If flash exposure compensation has already been set with the camera flash, flash exposure compensation cannot be set with the camera. To set it with the camera, the camera flash's flash exposure compensation must be set to zero.
3. If any flash custom functions and flash settings other than flash exposure compensation have been set by both the camera and the flash, the latest settings will take effect.

Global Shutter Sync Shooting (Only available in V480 S)

By using a combination of V480 S and a camera equipped with global shutter image sensor, flash photography can be synchronized with the entire range of shutter speeds available on the camera, enabling more effective flash exposures than conventional high-speed sync photography (HSS).

1. When V480 S is used in TTL auto flash mode with a global shutter camera, the flash will be synchronized properly at both low and high shutter speeds. Compared to a non-global shutter camera, with a global shutter camera, the HSS flash time is shorter (about 2-5 milliseconds), the recycle time is faster, and the camera can take more shots.

2. When V480 S is used in M (manual) flash mode and you want to use single pulse flash (not HSS) in high-speed shutter (with a shutter speed faster than 1/600), you can adjust the camera's flash delay time to match the exposure time, so that you can shoot with a more appropriate amount of light. Compared to HSS mode, this mode has a better flash index with the same power.

Flash timing settings: Camera Menu →  (Exposure/Color) → [Flash] → [Flash Timing Setting] → [On] → Set the flash timing to the desired value.

ADJ flash timing settings menu:

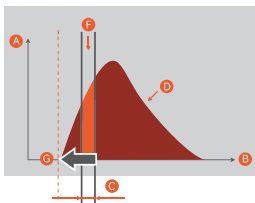
On: Adjusts the flash timing manually (0 microseconds to 1000 microseconds).

Off: Does not adjust the flash timing (the flash will fire in non-single pulse flash when the shutter speed is 1/600).

How to Match the Flash and the Shutter

High-speed shutter single pulse flash requires very strict time alignment. As shown in the figure, the shutter needs to be turned on at the optimal light effect of the flash. Matching method is as follows:

Set the flash to M (manual) flash mode and enter the menu, turn on ADJ in the camera flash timing settings. Input ADJ parameter which is related to the camera and flash used. If you are using V480 S with A9MIII, this parameter is about 140 microseconds when V480 S is wireless off, and about 540 microseconds when V480 S is wireless on (if you are using other global shutter cameras, you need to full-time match to determine the time). After setting the above parameters, adjust the camera shutter to 1/80000 and the flash power to 1/256 (The matching requirements are higher for faster shutter speed and lower power, if you adjust the right combination, other combinations are usually suitable. When set to a fast shutter speed and high power, since the flash timing is much longer than the shutter time, you can move the time back and select the peak of the flash.), you can finetune the ADJ parameters to the optimal exposure time in case the flash is out of sync, then you can test the shootings under other shutters.



A: Amount of flash light

B: Time

C: Shutter speed

D: Amount of flash light in 1/256 power

F: Exposed amount of flash light

G: Flash starting timing

- ▲ 1. If you set the camera's shutter speed to faster than 1/10000 and take a picture, the brightness and color may vary.
- 2. For camera equipped with a global shutter image sensor, the HSS icon will not be displayed on the panel regardless of whether the high-speed sync setting is [ON] or [OFF].
- 3. When the flash is connected to the camera using a sync cord, the camera shoots with a traditional high-speed sync instead of using the global shutter sync, so the distance that the flash's light can reach is shortened.

Protection Function

Over-Temperature Protection

- To avoid overheating and deteriorating the flash head, do not fire more than the mentioned below continuous flashes in fast succession at 1/1 full power, or fire more than 60 continuous flashes in fast succession at 1/1 full power in HSS mode.
- If you fire more than the mentioned flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycle time over 10 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.
- When the over-temperature protection is started, the icon <  > is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

Number of Flash Flash Power	Focal Length	14mm	24mm	28mm	35mm	50mm	70mm	80mm	105mm
1/1		30	40	50	60	60	75	75	80
1/2		46	60	75	91	91	114	114	120
1/4		91	120	150	182	182	231	231	240
1/8		240	300	300	300	300	300	300	300
1/16		600	600	600	600	600	600	600	600
1/32		1200	1200	1200	1200	1200	1200	1200	1200
1/64		2000	2000	2000	2000	2000	2000	2000	2000
1/128		3000	3000	3000	3000	3000	3000	3000	3000
1/256									

Number of flashes that will activate over-temperature protection in HSS mode:

Power Output Level	Number of Flashes
1/1	60
1/2	75
1/4	100
1/8	
1/16	
1/32	
1/64	
1/128	
1/256	

Other Protections

The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

Display	Meaning
Error1	A failure occurs on the recycling system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.
Error3	The voltage on two outlets of the flash tube is too high. Please send this product to a maintenance center.
Error5	Abnormalities in the flash circuit. Please send this product to a maintenance center.
Error9	There are some errors occurred during the upgrading process. Please using the correct firmware upgrade method.

The Reason & Solution of Not Triggering in Godox 2.4G Wireless

1. Disturbed by the 2.4G signal in outer environment (e.g. wireless base station, 2.4G wifi router, Bluetooth, etc.)

→ To adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel which is not disturbed. Or turn off the other 2.4G equipment in working.

2. Please make sure that whether the flash has finished its recycle or caught up with the continuous shooting speed or not (the flash ready indicator is lightened) and the flash is not under the state of over-heat protection or other abnormal situations.

→ Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode (a pre-flash is needed in TTL mode).

3. Whether the distance between the flash trigger and the flash is too close or not (<0.5m).

→ Please turn on the "close distance wireless mode":

X1 Series: Press and hold the triggering button then turn on the device until the indicator blinks twice.

Xpro and X2T Series: Set the C.Fn-DIST to 0-30m.

X3 Series: Set the triggering distance to 0-30m.

4. Whether the flash trigger and the receiver end equipment are in the low battery states or not

→ Please replace the battery or charge it in time.

5. The flash trigger's firmware is an older version

→ Please upgrade the firmware of the flash trigger referring to the instruction manual for specific firmware upgrades.

6. The camera's firmware is an older version

→ Please upgrade the firmware of the camera referring to its instruction manual.

Technical Data

Model	V480 C	V480 S	V480 N
Global Shutter Sync Shooting	Unprovided	Provided	Unprovided
Radio Wireless Global Shutter Sync	Unprovided	Provided	Unprovided
Modeling Flash	Provided	Unprovided	Provided
Flash Coverage	Auto zoom (flash coverage is set automatically to match the lens focal length and image size)		
	Manual zoom(24-105mm)		

Model	V480 O	V480 F
Global Shutter Sync Shooting	Unprovided	
Radio Wireless Global Shutter Sync	Unprovided	
Modeling Flash	Unprovided	
Flash Coverage	Auto zoom (flash coverage is set automatically to match the lens focal length and image size)	
	Manual zoom (24-105mm or 12-52mm)	Manual zoom (24-105mm or 16-69mm)

Model	V480 C/V480 S/V480 N/V480 F/V480 O
Guide Number (1/1 step, 105mm focal length)	Approx. GN50 (ISO 100, in meters)
Flash Head Angle	Swinging/tilting flash head (bounce flash): 0 to 330° horizontally and -7° to 120° vertically
Flash Duration (t0.1)	1/600s-1/20000s
Exposure Control	
Exposure Control System	TTL auto flash and manual flash
Flash Exposure Compensation (FEC)	±3 steps with 1/3 increment each step
Sync Mode	High-speed sync (up to 1/8000 seconds , or 1/80000 seconds with Sony cameras equipped with global shutter), first-curtain sync, and second-curtain sync
Multi Flash	Provided (up to 100 times, 100Hz)
Wireless Flash (Radio 2.4G Transmission)	
Wireless Function	Sender, Receiver
Sender Groups	A, B, C, D, E (V480 C) M, A, B, C, D (V480 S/V480 N/V480 O/V480 F)
Receiver Groups	A, B, C, D, E
Transmission Range (approx.)	100m
Channels	32: 01~32
ID	OFF/01~99
LED Modeling Lamp	
Power	2W
Color Temperature	5300K±300K

Power Supply	
Lithium Battery	7.2V/2200mAh
Recycle Time	Approx. 1.7 seconds. LED indicator will light up when the flash is ready.
Number of Flashes (1/1 step)	Approx. 650
Power Saving	Provide standby and auto off functions
Sync Triggering Mode	Hot shoe, 2.5mm sync cord
Dimension	
W x H x D	6.54*2.8*1.93"
Net Weight Without Battery	Approx. 282g
Net Weight With Battery	Approx. 361g

Specifications and data may subject to changes without notice.

Troubleshooting

If there is a problem, refer to this troubleshooting guide.

The camera flash does not fire.

- Attach the camera's mounting foot securely to the camera.
- If the electrical contacts of the camera flash and camera are dirty, clean the contacts with dry cloth.
- If the <  > or <  > is not displayed in the view finder of camera. Wait until the flash is fully recycled and the flash ready indicator lights up.
- If the flash ready indicator lights up, but <  > or <  > is not displayed in the view finder, check whether this flash unit is securely attached to the camera hot shoe.
- If the flash ready indicator does not light up after a long wait, check whether the battery power is enough. If the battery power is low, <  > will appear red on the LCD panel. Please replace or charge the battery immediately.

The power turns off by itself.

- Setting as wi-off/sender mode when the standby function is on, the flash will enter sleep mode automatically after 90 seconds of idle use. Press the camera shutter halfway or press any button will wake up the flash unit.
- Setting as wi-off/sender mode when the standby function is off while the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use. Restart the flash unit.
- Setting as receiver mode when the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use. Restart the flash unit.

Auto zoom does not work.

- Attach the camera flash's mounting foot to the camera. The flash exposure is underexposed or overexposed.

The flash exposure is underexposed or overexposed.

- You used high-speed sync. With high-speed sync, the effective flash range will be shorter. Make sure the subject is within the effective flash range displayed.
- The subject appears too dark or too bright. Set the proper FEC value.

Photos have dark corners or only parts of the target subject are illuminated.

- The focal length of lens exceeds the flash coverage. Check the flash coverage you set. This flash unit has the flash coverage between 24 and 105mm, which fits medium-format cameras.
- Set the flash coverage as auto flash zoom.

Firmware Upgrade

- This product supports firmware upgrade through the USB-C port, please use USB-C cable (sold separately).
- As the firmware upgrade needs the support of Godox G3 V1.1 software, please download and install the "Godox G3 V1.1 firmware upgrade software" before upgrading. Then, choose the related firmware file.
- Please refer to the latest electronic version of the instruction manual.
- The download website of firmware upgrade is:
<https://www.godox.com/firmware-G3/>

Compatible Camera Models

V480 C can be used on the following Canon EOS series camera models:

80D, 90D, 7D, 6D, 70D, 750D, 760D, 5D Mark IV, EOS 1DX, 6D Mark II, 77D, 800D, 5D Mark III, 5D Mark II, 60D, 7D Mark II, 600D, 50D, 30D, 40D, 500D, M5, M3, M50, R, RP, M6 II, R5, 1500D, 3000D, R7, R6 II, R50, R8, R5C, R10, R100, R5 II, R3, 200D II

V480 S can be used on the following Sony camera models:

α77 II, α99, α77, DSC-RX10, α6000, α7R, α350, α7R II (4.0), α7R III, α7M3, α9, α7R IV, α7R5, α7M IV, ZV-E10, A9 III, A7C, A7C II, α6400, α6500

V480 N can be used on the following Nikon camera models:

D800, D750, D700, D610, D500, D200, D300S, D5, D4, D810, D780, D5300, D5200, D5100, D5000, D3300, D3100, D60, Z6, Z7 II, Z8, ZFC

V480 O can be used on the following Olympus or Panasonic camera models:

Olympus: E-M1, PEN-F, E-M10 II, E-PL8, E-P5, E-M10 III

Panasonic: GH4, LX100, DMC-GF1, DMC-G85, DMC-GX85, DMC-LX100, DMC-FZ2500GK, S1

V480 F can be used on the following Fujifilm camera models:

Fujifilm cameras are divided into three kinds according to their different controlling ways to camera flash:

A: X-Pro2, X-T20, X-T2, X-T1, GFX50s, GFX50R, X-T30, X-T4, X-T3, X-S20, X-T5

B: X-Pro1, X-T10, X-E1, X-A3

C: X100F, X100T

Compatible camera models & functions support:

	Camera Flash						
Camera	TTL Flash			M Flash			Multi
	Front	Rear	HSS	Front	Rear	HSS	
A	✓	✓	✓	✓	✓	✓	✓
B	✓	✓	--	✓	--	--	✓
C	✓	✓	✓	✓	✓	✓	✓

	2.4G Wireless Control						
Camera	TTL Flash			M Flash			Multi
	Front	Rear	HSS	Front	Rear	HSS	
A	✓	✓	✓	✓	✓	✓	✓
B	✓	✓	--	✓	✓	--	✓
C	✓	--	--	✓	--	--	✓



1. X100T does not have second curtain sync (REAR) and high-speed shooting functions.

2. X-Pro1 and X-T10 does not have high-speed shooting function. The front curtain sync (FRONT) and second curtain sync (REAR) are unadjustable in M manual flash mode.



1. These tables only list the tested camera models, not all cameras. For the compatibility of other camera models, a self-test is recommended.

2. Rights to modify this table are retained.

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: 2412.99MHz – 2464.49MHz

Maximum EIRP Power: 2.49dBm

Declaration of Conformity

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

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

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

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

产品保修

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

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

注：此表应由销售商盖章确认。

适用产品

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

保修期

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

如何获得保修服务

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

不适用保修的情况

如产品存在下列情况，本文件项下的保证和服务将不适用：①产品或部件超过相应保修期；②错误或不适当使用、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除去；⑤无有效保修卡；⑥使用非合法授权、非标准或非公开发行的软件造成的故障或损坏；⑦因不可抗力或意外事件造成的故障或损坏；⑧其他非因产品本身质量问题导致的故障或损坏。遇上述情况，您应向相关责任方寻求解决，神牛对此不承担任何责任。因非在保修期或保修范围内的部件、附件或软件导致产品不能正常使用的，不是保修范围内的故障。产品使用过程中正常的脱色，磨损和消耗，不是保修范围内的故障。

产品保修和服务支持信息

产品的保修期和服务类型按以下《产品保修信息》执行：

产品类别	选件名称	保修期(月)	保修服务类型
部件	主机	12	客户送修
	电池	3	客户送修
	充电器等带电性能的部件。	12	客户送修
其他	如闪光管、造型灯泡、外壳、保护罩、锁紧装置、包装等。	无	无保修

神牛产品售后服务电话：0755-29609320-8062

Warranty

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

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

Note: This form shall be sealed by the seller.

Applicable Products

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

Warranty Period

The warranty period of products and accessories 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 cases① **The product or accessory has expired its warranty period;** ② **Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc;** ③ **Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment;** ④ **The original identifying information of product or accessory is modified, alternated, or removed;** ⑤ **No valid warranty card;** ⑥ **Breakage or damage caused by**

using illegally authorized, nonstandard or non-public released software; ⑦ Breakage or damage caused by force majeure or accident; ⑧ Breakage or damage that could not be attributed to the product itself. Once met these situations above, you should seek solutions from the related responsible parties and Godox assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information

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

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

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