60dox 神牛



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》 前言

感谢您购买XProS无线引闪器。

该引闪器适用索尼相机控制神牛闪光灯,可用于操作支持带神牛无线X系统的机顶灯、外拍灯、影室闪光灯;也可以配合X1R-S操作支持索尼原厂闪光灯。多频道控制,信号稳定,反应灵敏,方便摄影师灵活布光,满足多种拍摄需求。该触发器适用Sony系列带热靴的相机,同时可以连接具有PC接口的相机使用。支持TTL闪光和高速闪光同步,最大闪光同步速度达1/8000s。

*. 限制条件——相机的最大快门速度为1/8000s

▲ 警告

- ▲ 请勿私自拆卸产品,如产品出现故障须由本公司或授权的维修人员进行检查维修。
- ▲ 请保持干燥:请勿用湿手接触产品,亦不可将产品浸入水中或暴露于雨中。
- ▲ 请勿让儿童接触本产品。
- ▲ 请勿在易燃易爆环境中使用。在这些场合下,请注意相关警告标识。
- ▲ 请勿放置在超过50度的高温环境中。
- ▲ 若发生任何故障,请立即关闭触发器电源。
- ▲ 使用电池的注意事项:
 - 只能使用本手册中列出的电池。请勿混用新旧电池或不同类型的电池。
 - 请仔细阅读并遵守由厂商提供的警告或指示。
 - 切勿使电池短路或拆卸电池。
 - 切勿将电池投入火中或加热升温。
 - 切勿试图以反方向安装电池。当电量用尽时,电池容易漏液。所以为了避免产品受损。请在长期不使用本产品或电量用尽时取出电池。
 - 如果受损电池中的液体接触到皮肤或衣服,请立即用大量清水冲洗。

频闪参数值设置(输出值、次数、频率)

诰型灯设置

ZOOM值设置

快门同步设置

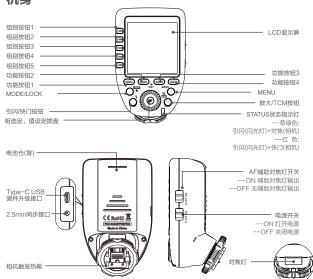
峰鸣器设置

同步孔设置

TCM功能

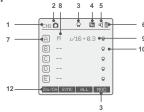
部件

・机身

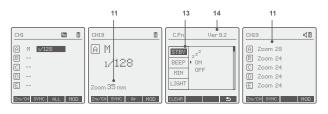


部件

·LCD显示屏



1.频道(共32个频道) 2.连接相机 3.造型灯总控 4.高速 5.声音 6.电池电量 7.组别 8.模式 9.功率 10.组别造型灯 11.ZOOM值 12.功能按钮对应图标 13.C.Fn菜单 14.版本号



- (1)多组显示
- (2)单组显示
- (3)菜单显示
- (4)多组ZOOM显示

电池

• 安装电池

滑开引闪器背面的电池盒盖,根据电池盒 内的正负极指示,分别装入2节AA电池 (需另购)。

• 电池电量指示

使用时请查看LCD屏幕上电池图标,即可 随时掌握电量状态。

LCD屏电量符号显示	意义
3格	满电
2格	中电
1格	低电
边框	电量少,请及时更换电池。
闪烁	< 2.5V电量即将用尽(此时请更
	换电池,否则在距离较远时会出
	现漏闪或不闪现象)。



🕻 使用引闪器

• 无线同步触发机顶闪光灯

使用方法以TT685S为例:

- 1.1 关闭相机电源,将引闪器放置于相机热靴插座上,打开引闪器电源开关和相机电源。
- 1.2 长按<Zm/CH>按钮设置频道,设置组别、模式和参数。(详情请见"设置引闪器")。

使用引闪器

- 1.3 打开机顶闪光灯电源,按 < 'ユ,>无线设置按钮,令屏幕显示 < (♠)>无线图标和<\$LAVE>从属单元图标,按<CH>频道设置按钮设置同引闪器相同频道,按<Gr>组别设置按钮设置同引闪器相同组别(注:其他型号机顶闪光灯设置请根据相应的机顶灯使用说明书)。
- **1.4** 按下相机快门即可引闪,同时引闪器"状态指示灯"闪亮红色。



• 无线同步触发外拍闪光灯

使用方法:以AD600B为例:

- **2.1** 关闭相机电源,将引闪器放置于相机热靴插座上,打开引闪器电源开关和相机电源。
- 2.2 长按<**Zm**/CH>按钮设置频道,设置组别,模 式和参数(请看设置引闪器详细介绍)。
- 2.3 打开外拍闪光灯电源,按<*%、>无线设置按钮,令屏幕显示<(p)>无线图标,长按<GR/CH>组别频道设置按钮设置同引闪器相同频道,短按<GR/CH>组别设置按钮设置同引闪器相同组别。
 - (注:其他型号外拍闪光灯设置请根据相应的外 拍闪光灯使用说明书)
- **2.4** 按下相机快门即可引闪,同时引闪器"状态指示灯"闪亮红色。



^{*} 此电池电量指示只对应AA碱性电池; 镍氢电池电压偏低, 请勿参考此表格。

使用引闪器

• 无线同步触发原厂机顶闪光灯

使用方法以HVL-F45RM为例:

- 3.1 关闭相机电源,将引闪器放置于相机热靴插座上, 打开引闪器电源开关和相机电源。
- 3.2 长按<Zm/CH>按钮设置频道,设置组别,模式和 参数(请看设置引闪器详细介绍)。
- 3.3 原厂机顶闪光灯放置到接收器X1R-S上,接收器按<CH>频道设置按钮设置同引闪器相同频道,按<Gr>4组别设置按钮设置同引闪器相同组别。(注:原产闪光灯设置请根据相应的原厂机顶闪光灯使用说明书。)
- 3.4 按下相机快门即可引闪,同时机顶灯与触发器"状态指示灯"闪亮红色。
 - 注:XProS在任何模式下索尼原厂机顶灯都必须设置为TTI自动模式。

• 无线同步触发影室闪光灯

使用方法以GS400II为例:

- **4.1** 关闭相机电源,将引闪器放置于相机热靴插座上, 打开引闪器电源开关和相机电源。
- **4.2** 长按<Zm/CH>按钮设置频道,设置组别、模式和参数(请看设置引闪器详细介绍)。





使用引闪器

- 4.3 将影室闪光灯接上电源,打开电源开关,同时按住<GR/CH>和<S1/S2>按键令屏幕显示<(♠)>无线图标,长按<GR/CH>组别频道设置按钮设置同引闪器相同频道,短按<GR/CH>组别频道设置按钮设置同引闪器相同频
 - (注:其他型号影室闪光灯设置请根据相应的影室闪光灯使用说明书)
- 4.4 按下相机快门即可引闪,同时影室灯与触发器"状态指示灯"闪亮红色。
 注:影室闪光灯最小输出值为1/32.引闪器设置输出值时应设置≥1/32的数值。影室闪光灯无 TTL和频闪功能,故引闪器设置时洗树模式升能触发影室闪光灯。

• 无线触发相机快门

使用方法:

- 5.1 关闭相机电源,通过"相机遥控线"连接,一端插入相机的快门插座,另一端插入接收器X1R-S的"快门接口",打开相机和接收器电源。
- **5.2** 长按<Zm/CH>按钮设置频道,设置组别,模式和参数(请看设置引闪器详细介绍)。
- 5.3 接收器按<CH>频道设置按钮设置同引闪器相同 频道,按<Gr>4别设置按钮设置同引闪器相同 组别。
- 5.4 半按下
 ★ >触发按键,进行对焦;全按下
 〈TEST〉触发按键,进行拍摄,状态指示灯亮
 红色,直到按钮松开。





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使用引闪器

• 使用2.5mm同步接口触发闪光灯

使用方法:

- **6.1** 接收器端连接方式请参考 "无线同步触发影室闪光灯"和 "无线同步触发相机快门"章节。
- 6.2 正常方式按下快门。将使用同步接口信号控制闪光。





• 电源开关

把电源开关拨至"ON"即可打开电源,状态指示灯不显示。 注意:长时间不使用时请关闭电源,以免耗电!

• 自动进入省电模式

- 1. 在停止操作发射器超过90秒之后,系统自动进入待机模式,此时LCD显示消失。
- 要唤醒系统,可以按任意键。如果安装在Sony相机热靴上,也可以通过半按相机 快门唤醒系统。
 - 注:若不想进入省电模式,按<MENU>按钮进入自定义菜单,选择STBY设置为OFF即可。

设置引闪器

• AF对焦辅助灯光

把AF辅助对焦灯开关拨至"ON":对焦困难时,红色辅助对焦灯亮起;对好焦,辅助对焦灯自动熄灭。

注:不接相机时, XproS的对焦灯不会亮。

- 在微单(如ILCE6000L、a7RII)类型的相机上使用, XproS对焦灯是不会亮的。
- 只有在单反(如a99、a77II)类型的相机上使用, XproS对焦灯才会自动点亮。

• 频道设置

- 1. 长按<Zm/CH>按钮,频道值会被选中。
- 2. 拨动拨盘选择合适的频道值。再次按<SET>按钮, 当前频道值被选定。
- 3. 引闪器共32个频道,可以在1-32频道之间切换。使用前请务必将引闪器和接收端 置于相同频道。

• 无线ID设置

为了避免干扰,除了改变无线传输频道还可以通过改变无线ID,主控单元和从控单元无线ID、频道一致才能触发。

按<MENU>按钮进入C.Fn ID, 按<SET>按钮选定OFF通道扩展关闭,选01-99其中任意一数。

设置引闪器

• 模式设置

- 1. 短按<MODE>按钮,选中组的模式会改变。
- 2. 当组别设置为5组(A-E):
 - 2.1 多组显示时,按<MODE>按钮,多组模式可以切换为MULTI模式,按组别选择按钮可以对当前组MULTI模式设为打开"ON"或关闭"--";
 - 2.2 多组显示时,按组别选择按钮或单组模式时按 <MODE> 按钮,ABC组的模式可以在TTL /M/- - 模式下顺序切换,DE组只有M/--模式。
- 3. 当组别设置为16组(0-F)时,只有手动模式M。
- 长按
 MODE> 按钮2秒在屏幕的下方出现 "LOCKED"表示屏幕已被锁定,此时不能再设置 任何参数,再长按
 MODE> 按钮2秒解锁。







• 放大功能

多组和单组切换:在多组模式下选定组别,按<TCM>按钮,组别放大到单组模式,再按<TCM>按钮返回到多组模式。

< √ 设置引闪器

• 档位值设置

1. 多组显示时, 在M模式下

- 1.1 按组别按钮选中组别,拨动转盘其功率输出值将在Min~1/1之间以0.1或0.3 为增量改变,按<SET>建确定该组功率输出值:
- 1.2 按<ALL>全组功率输出值会被选中,拨动转盘其功率输出值将在Min~1/1之间以0.1或0.3为增量改变,再次按<ALL>确定全组功率输出值。

2. 单组显示时, 在M模式下

直接拨动转盘其功率输出值将在Min~1/1之间以0.1或0.3为增量改变。

注: Min. 指M或Multi模式下能设置的最小输出值。根据C.Fn-STEP 的设置值不同分别为 1/128、1/256、1/128(0.1)、1/256(0.1)。 在大多数机顶灯上,支持的最小输出是 1/128或1/128(0.1)、 无法设置到 1/256或1/256(0.1)。 配合神牛公司的AD600Pro等大功率的影室灯,可以调节最小输出到1/256(0.1)。

• 曝光补偿设置

1. 多组显示时,在TTL模式下

- 1.1 按组别按钮选中组别,拨动转盘其FEC值在 -3 ~ 3 之间以0.3 为增量改变,按 <SET>键确定该组FEC值。
- 1.2 按<ALL>全组FEC值会被选中,拨动转盘其FEC值在 -3 ~ 3 之间以0.3 为增量改变,再次按<ALL>确定全组FEC值。

2. 单组显示时,在TTL模式下

直接拨动转盘其FEC值在-3~3之间以0.3为增量改变。

注: XproS显示的FEC值在其控制的闪光灯显示屏中不会显示, XproS和闪光灯的FEC值是独立的, 闪光输出值为XproS和闪光灯FEC值的总和(如XproS的FEC值为-2, 闪光灯的FEC值为+3, 闪光输出值为+1)。

设置引闪器

• 频闪参数值设置(输出值、次数、频率)

- 1. 在频闪模式下(TTL和M图标都不会显示)。
- 2. 三行显示内容分别为功率输出值,Times(闪光次数),Hz(闪光频率)。
- 3. 拨动转盘其功率输出值将在Min.~1/4之间以整数 档改变。
- 4. 短按Times按钮,可以改变闪光次数,拨动转盘修 改设置值。
- 5. 短按Hz按钮,可以改变频率,拨动转盘修改设置值。
- 直到三项设置值都设置完毕。或在设置任意项目 时,短按<MODE>按钮,将退出设置状态。无项 目闪烁。
- 7. 在频闪参数设置子菜单中,无项目闪烁时,短按 <MODE>按钮,返回主菜单。

*注意:闪光次数受闪光输出值和频率联合制约,设置的闪光次数不能超过系统允许的上限值。传输到接收端的次数是实际闪光次数,同相机的快门设置也相关。



设置引闪器

• 造型灯设置

- 1. 多组显示时按<MOD> 按钮多组造型灯打开或关闭:
- 2. 多组显示时按组别按钮选中组别或单组显示时,按 <MOD>按钮该组造型灯打开或关闭(注:目前可以使用单组造型灯开关的影视闪光灯型号如下: GSII、SKII、QSII、QDII、DEII、DPII系列, 外拍灯AD200、AD600升级后可使用此功能。以后新出的含造型灯的闪光灯都能用此项功能)。



· ZOOM**值设**置

- 短按<Zm/CH>按钮,显示屏出现ZOOM值,选中 要更改的组别,拨动转盘ZOOM值会在AUTO/24-200中改变,选中需要设定的值再按<Zm/CH>按钮 返回主菜单。
 - 注:闪光灯ZOOM需调整在Auto(A)模式才可响应。



设置引闪器

• 快门同步设置

- 1. 加高速同步:按<SYNC>按钮,令屏幕显示加。然 后在SONY相机上按MENU或快捷键Fn进闪光模式洗 择强制闪光了,再设置相机快门。
- 2. 后帘同步:直接在相机上按MENU或快捷键Fn进闪光 模式选择后帘同步闪光点,再设置相机快门。



• 蜂鸣器设置

按<MFNU>按钮讲入C.Fn BEEP, 按<SET>按钮洗定ON蜂鸣器打开, 洗定OFF蜂鸣 器关闭,再按<MENU> 按钮返回主菜单。



• 同步孔设置

- 1. 按<MENU>按钮进入C.Fn SYNC,按<SET>按钮选定 IN或OUT,再按<MENU>按钮返回主菜单。
 - 1.1 选择IN时,此接口触发XProS引闪闪光灯。
 - 1.2 选择OUT时,输出触发信号,触发其他遥控器和闪 光灯。



设置引闪器

• TCM功能

TCM转换功能是神牛特有功能,

TTI 闪光值转换M档功率值。

- 1. 引闪器设置为TTI 模式, 连接相 机,按下快门拍摄。
- 2. 长按<TCM>按钮,TTL模式下的闪 光值转化为M模式功率值(转换显示 最小值为设定的Min值)。





3. 兼容TCM功能的闪光灯请参照 C.Fn自定义功能表(注:请根据自己 用的闪光灯讲入自定义TCM功能洗 择相应的机型)。

• SHOOT功能设置

按<MENU>按钮讲入C.Fn SHOOT. 按<SET>按钮 选定单拍或多拍,再按<MUNE>按钮返回主菜单。

单拍: 相机拍照时选择单拍, 在M和Multi模式下, 主 控单元只对从控单元发送引闪信号, 适合单人 拍摄时选用, 优点省电。

群拍: 相机拍照时选择群拍, 主控单元会将参数和引 闪信号发送至从控单元, 适合多人拍摄时选 用,此功能耗电快。

APP: 相机拍照时只能发送引闪信号(手机APP控制闪 光灯参数)。



) 设置引闪器

• C.Fn: 设置自定义功能

请对照以下图表本机应用栏,使用自定义功能来完成设置。

自定义功能符号	功能	设置符号	设置和说明
STBY	睡眠	ON	启动
		OFF	关闭
BEEP	蜂鸣器	ON	启动
		OFF	关闭
STEP	档位	1/128	最小输出为1/128 (档位跳变为0.3)
		1/256	最小输出为1/256 (档位跳变为0.3)
		1/128(0.1)	最小输出为1/128 (档位跳变为0.1)
		1/256(0.1)	最小输出为1/256 (档位跳变为0.1)
LIGHT 背光点亮时间		12sec	12秒后自动熄灭
		OFF	一直熄灭
		ON	一直点亮
SYNC 同步孔 IN		IN	触发XProS引闪闪光灯
C		OUT	输出触发信号,触发其他遥控器和闪光灯
GROUP	组别	5(A-E)	5组A-E
		16(O-F)	16组(O-F)接收端是影室闪光灯时可以选16组,
			选16时只有M档可选
LCD	LCD对比度	-3-+3	对比度值可以选择-3到+3之间的整数
SHOOT	1	单拍	相机拍照时在M&Multi模式下只发送引闪信号
	111	群拍	相机拍照时发送参数和引闪信号(适合多人拍摄)
	APP	APP	相机拍照时只能发送引闪信号(手机APP控制闪光灯参数)
DIST	引闪距离	0-30M	0-30M引闪
		1-100M	1-100M引闪

入 兼容闪光灯型号

自定义功能符号	功能	设置符号	设置和说明		
ID	无线ID	OFF	关闭		
		01-99	可以选择01-99任意一个数字(此功能现有闪光灯暂时无法使		
TCM	TCM转换功能	; IEQ ₂	TT685/V860II系列	TTL模式下的闪光值转化为M模式功率	
		200j	AD200	值,混用时以主灯型号为准	
		360j	AD360II		
		600j	AD600		

• 兼容闪光灯型号:

请对照以下图表本机应用栏,使用自定义功能来完成设置

发射器	接收器	闪光灯	备注
XProS		AD600系列/AD360II系列/AD200/AD400Pro	
		V860 系列/V850 /TT685系列/TT600/TT350S	
		闪客II系列/QTII/SK II系列/DP II系列/GSII	
	X1R-S	F42AM/HVL-45RM/HVL-F60M/HVL-F43M/	市面上兼容索尼相机的机顶
		HVL-F32M/F58AM	灯众多,无法——验证
	XTR-16	AD360/AR400	带有神牛无线USB接口的闪光灯
		闪客一代系列/SK一代系列/DP一代系列/	只能引闪
		GT/GS一代系列	
		小精灵	
	XTR-16S	V860/V850	

^{*}注:支持的功能范围:XProS和闪光灯双方都拥有的功能。

* 兼容闪光灯型号

• XT无线系统与X1无线系统的通道关系:

XT-16 (编码开关)	ON .	ON .	ON	ON III	ON	ON III	ON .	ON .
X1 (显示屏)	CH01	CH02	CH03	CH04	CH05	CH06	CH07	CH08
XT-16 (编码开关)	ON	ON	ON	ON	ON	ON	ON	ON
X1 (显示屏)	CH09	CH10	CH11	CH12	CH13	CH14	CH15	CH16

兼容相机列表

• 本机可兼容以下索尼系列的相机型号:

a77 II	a77	a99	ILCE-6000L	a9	A7R	A7RIII	a350
DSC-R>	(10						

^{1.} 此表格仅列举目前已测试的相机型号,未涵盖所有索尼系列相机。其他相机型号,用户可自行测试。

产品参数

• 产品参数:

型号	XProS
兼容相机	支持Sony相机(TTL 自动闪光)
	支持所有具有 PC 输出口的相机
供电方式	2*AA 电池
曝光控制	
TTL自动闪光	有
手动闪光	有
频闪闪光	有
功能	
高速同步	有
后帘同步	有
曝光补偿	有,±3档间以1/3档为增量调节
曝光锁定	有
辅助对焦	有
造型闪光	可以通过触发器控制闪灯造型闪光
蜂鸣器	可以通过触发器控制闪灯蜂鸣器
无线快门	接收器端可以通过2.5mm同步接口控制相机拍摄
ZOOM设置	可以通过发射器调节闪灯焦距值
TCM功能	使TTL拍摄值转换为M输出值
固件更新	通过机身上的 Type-C USB口进行固件升级
记忆功能	设置2秒后的参数会自动记忆,重新开机自动恢复

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^{2.} 本公司保留未来修改此表格内容的权利。

产品参数

型号	XProS			
无线闪光				
传输范围(约)	0-100米			
内置无线	2.4G频率			
调制方式	MSK			
频道	32↑			
无线ID	01–99			
组别	16组			
其他				
显示屏	宽屏液晶显示,背光开启或关闭			
引闪器尺寸/净重	90x58x50mm/80g			

• 恢复出厂设置

同时按住中间两个功能按键2秒,屏幕出现RESET表示已经恢复出厂设置。

• 固件升级

本机通过USB口可进行固件升级,软件最新公告及说明将会发布在官方网站上。

- 本品出厂不配USB升级线,请另行购买。本产品USB口为Type-C USB接口,请使用Type-C USB线。
 - 产品升级固件需要Godox G2程序软件支持,升级固件前请先下载安装 "Godox G2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。

🗶 注意事项

- 如不能正确引闪或拍摄,请检查电池是否正确安装以及是否打开引闪器电源;引闪器是否设置在同一频道;连接线或热靴口是否已正确牢固连接到位;功能模式是否设置正确。
- 如相机出现只能拍摄不能对焦现象,请检查机身或镜头是否设定为MF手动对焦,请设置为 Af自动对焦。
- 3. 如您的引闪器受到他人干扰引闪或拍摄,改变引闪器的频道设置即可。

神牛2.4G无线漏闪原因及解决办法:

- 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。
- 请輸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":设置C.Fn-DIST为0-30m。
- 是否引內器和接收端设备在低电状态 请更换电池(引闪器电池建议使用1.5V一次性碱性电池)。

引闪器的保养

避免跌落:如果受到强烈碰撞或振动,引闪器可能会发生故障。

保持干燥:本产品是非防水产品,如果将其浸入水中或放置于高湿度的环境中将可能发

生故障。内部构造生锈可能会导致无法修理的损害。

避免温度骤变:温度的突变,诸如在寒冷天进出温暖的大楼将可能会使引闪器内部结露。为避免结露,请将引闪器事先装入手提袋或塑料包内,以防温度突变。

远离强磁场: 无线电广播发射机等设备产生的强静电或强磁场可能会干扰本产品正常工作。

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Foreword

Thanks for your purchase of this XProS wireless flash trigger.

This wireless flash trigger is suitable for using Sony cameras to control Godox flashes with X system e.g. camera flash, outdoor flash, and studio flash. It can also control Sony original speedlights with the coordination of X1R-S receiver. Featuring multichannel triggering, stable signal transmission, and sensitive reaction, it gives photographers unparalleled flexibility and control over their strobist setups. The flash trigger applies to hotshoe-mounted Sony series cameras, as well as the cameras which have PC sync sockets.

With XProS wireless flash trigger, high speed synchronization is available for most of camera flashes in the market which support TTL. The max flash synchronization speed is up to 1/8000s *.

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^{*: 1/8000}s is achievable when the camera has a max camera shutter speed of 1/8000s.

Warning

Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.

Always keep this product dry. Do not use in rain or in damp conditions.

Keep out of reach of children.

Do not use the flash unit in the presence of flammable gas. In certain circumstance, please pay attention to the relevant warnings.

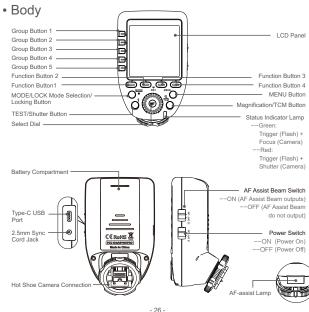
Do not leave or store the product if the ambient temperature reads over 50°C.

Turn off the flash trigger immediately in the event of malfunction.

Observe precautions when handling batteries

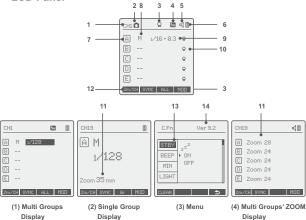
- Use only batteries listed in this manual. Do not use old and new batteries or batteries of different types at the same time.
- Read and follow all warnings and instructions provided by the manufacturer.
- Batteries cannot be short-circuited or disassembled
- Do not put batteries into a fire or apply direct heat to them.
- Do not attempt to insert batteries upside down or backwards.
- Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove batteries when the product is not used for a long time or when batteries run out of charge.
- Should liquid from the batteries come into contact with skin or clothing, rinse immediately with fresh water.

Names of Parts



X Names of Parts

LCD Panel



- 1. Channel (32) 2. Camera Connection 3. Modeling Lamp Master Control
- 4. High-Speed 5. Sound 6. Battery Level Indication 7. Group 8. Mode
- 9. Power 10. Group's Modeling Lamp 11. ZOOM Value 12. Icons of Function Button 13. C. Fn Menu 14. Version

X Battery

AA alkaline batteries are recommended.

Installing Batteries

As shown in the illustration, slide the battery compartment lid of the flash trigger and insert two AA batteries separately.

Battery Level Indication

Check the battery level indication on the LCD panel to see the remaining battery level during the usage.

Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Low battery, please replace it.
Blinking	< 2.5V The battery level is going
	to be used out immediately (please
	replace new batteries, as low power
	leads to no flash or flash missing in
	case of long distance).



The battery indication only refers to AA alkaline batteries. As the voltage of Ni-MH battery tends to be low, please do not refer to this chart.

Using the Flash Trigger

As a Wireless Camera Flash Trigger Take TT685S as an example:

1.1 Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.

Using the Flash Trigger

- 1.2 Long press the <Zm/CH> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").
- 1.3 Turn on the camera flash, press the < ⟨**□**⟩ > wireless setting button and the < ⟨(•)⟩ > wireless icon and <**SLAVE**> slave unit icon will be displayed on the LCD panel. Press the <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same craw to the flash trigger. When the same cannot be the same craw to the flash trigger.



the same group to the flash trigger (Note: please refer to the relevant instruction manual when setting the camera flashes of other models).

1.4 Press the camera shutter to trigger and the status lamp of the flash trigger turns red synchronously.

2. As a Wireless Outdoor Flash Trigger

Take AD600B as an example:

- 2.1 Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.
- 2.2 Long press the <Zm/CH> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").



2.3 Power on the outdoor flash and press the < 🗫 > wireless setting button and the < ((•)) > wireless icon will be displayed on the LCD panel. Long press the < GR/CH > button to set the same channel to the

Using the Flash Trigger

flash trigger, and short press the < GR/CH> button to set the same group to the flash trigger (Note: please refer to the relevant instruction manual when setting the oudoor flashes of other models).

2.4 Press the camera shutter to trigger and the status lamp of the flash trigger turns red synchronously.

3. As a Wireless Original Flash Trigger

Take HVL-F45RM as an example:

- 3.1 Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.
- 3.2 Long press the <Zm/CH> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").
- 3.3 Attach the original flash to the X1R-S receiver. Press the <CH> button on the receiver to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger (Note: please refer to the relevant instruction manual when setting the original camera flashes).
- 3.4 Press the camera shutter to trigger. And the status lamp of the camera flash and the flash trigger both turn red synchronously. Note: Sonv original speedlichts shall be set to TTL mode regardless of XProS's mode.



Using the Flash Trigger

- 4. As a Wireless Studio Flash Trigger Take GS400II as an example:
 - 4.1 Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.
 - 4.2 Long press the <Zm/CH> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").
 - 4.3 Connect the studio flash to power source and power it on. Synchronously press down the <GR/CH> button and <S1/S2>button and the <((γ)) > wireless icon will be displayed on the LCD panel. Long press the <GR/CH> button to set the same channel to the flash trigger, and short press the < GR/CH > button to set the same group to the flash trigger (Note: please refer to the relevant instruction manual when setting the studio flashes of other models).
 - 4.4 Press the camera shutter to trigger. And the status lamp of the camera flash and the flash trigger both turn red synchronously.
 Note: As the studio flash's minimum output value is 1/32, the output value of the flash trigger should be set to or over 1/32. As the studio flash do not have TTL and stroboscopic functions, the flash trigger should be set to M mode in trigoering.



Using the Flash Trigger

- As a Wireless Shutter Release Trigger Operation method:
 - 5.1 Turn off the camera. Take a camera remote cable and insert one end into the camera's shutter socket and the other end to the shutter release port of X1R-S to connect. Power on the camera and the receiver.
 - 5.2 Long press the <Zm/CH> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").
 - 5.3 Press the receiver's <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger.
 - 5.4 Half press the button to focus and full press the <TEST> button to shoot. Release the button until the status lamp turns to red.





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Using the Flash Trigger

6. As a Flash Trigger with 2.5mm Sync Cord Jack Operation method:

- 6.1 The connection method please refers to the contents of "As a Wireless Studio Flash Trigger" and "As a Wireless Shutter Release".
- **6.2** Press the shutter normally and the flashes will be controlled by sync cord jack's signal.





Power Switch

Slide the Power Switch to ON, and the device is on and status indicator lamp will not reveal.

Note: In order to avoid power consumption, turn off the transmitter when not in use.

Automatically Enter Power Saving Mode

- The system will automatically enter standby mode after stop operating the transmitter over 90 seconds. And the displays on the LCD panel disappear now.
- 2. Press any button to wake up. If the flash trigger is attached to the hot shoe of Sony camera, half press the camera shutter can also wake the system up. Note: If do not want to enter power saving mode, press the <MENU> button to enter C.Fn custom settinos and set STBY to OFF.

X Setting the Flash Trigger

Power Switch of AF Assist Beam

Slide the AF assist beam switch to ON: the red AF-assist lamp will light when it's hard to focus while automatically off when getting correct focus.

Note: XProS's AF-assist lamp will not light when not being attached to camera.

- When using on Interchangeable Lens Digital Camera (e.g. ILCE6000L and a7RII),
 XProS's AF-assist lamp will not light.
- When using on DSLR Camera (e.g. a99 and a77II), XProS's AF-assist lamp will automatically light.

Channel Setting

- 1. Long press the <Zm/CH> button and the channel value will be chosen.
- Turn the select dial to choose the appropriate channel. Press the <SET> button again to confirm the setting.
- 3. This flash trigger contains 32 channels which can be changed from 1 to 32. Set the transmitter and the receiver to the same channel before usage.

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Wireless ID Settings

Change the wireless channels and wireless ID to avoid interference for it can only be triggered after the wireless IDs and channels of the master unit and the slave unit are set to the same.

Press the <MENU> button to enter C.Fn ID. Press the <SET> button to choose OFF channel expansion shutdown, and choose any figure from 01 to 99.

Mode Setting

- Short press the <MODE> button, and the mode of the current group will change.
- 2. Set the groups to five groups (A-E)
 - 2.1 When displaying multiple groups, press the MODE> button to switch the multi-group mode to MULTI mode. Press the group selection button can set the MULTI mode to ON or OFF.
 - 2.2 When displaying multiple groups, press the group selection button or <MODE> button in one-group mode, and A, B and C group's mode will be changed by the order of TTL/M/-- while D and E group will be changed in or M/-- mode.
- When setting the group to 16 groups (0-F), there is only manual mode M.
- 4. Long press the <MODE> button for 2 seconds until "LOCKED" is displayed on the bottom of the LCD panel, which means the screen is locked and no parameters can be set. Long press the <MODE> button again to unlock.



X Setting the Flash Trigger

Magnification Function

Switch between multi-group and one-group mode: choose a group in multi-group mode and press the <TCM> button to magnify it to one-group mode. Then, press the <TCM> button to back to multi-group.

Output Value Settings

- 1. Multi-group displays in the M mode
 - 1.1 Press the group button to choose the group, turn the select dial, and the power output value will change from Min to 1/1 in 0.3 or 0.1 stop increments. Press the <SET> button to confirm the setting.
 - 1.2 Press <ALL> button to choose all groups' power output value, turn the select dial, and all groups' power output value will change from Min to 1/1 in 0.3 or 0.1 stop increments. Press <ALL> button again to confirm the setting.
- 2. One-group displays in the M mode

Turn the select dial and the group's power output value will change from Min to 1/1 in 0.3 or 0.1 stop increments.

Note: Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128, 1/128(0.1), 1/256 or 1/256(0.1) according to C.Fn-STEP. For most of camera flashes, the minimum output value is 1/128 or 1/128(0.1) and cannot be set to 1/256 or 1/256(0.1). However, the value can change to 1/256 or 1/256(0.1) when using in combination with Godox strong power flashes e.g. AD600Pro, etc.

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Flash Exposure Compensation Settings

- 1. Multi-group displays in the TTL mode
 - 1.1 Press the group button to choose the group, turn the select dial, and the FEC value will change from -3 to ~3 in 0.3 stop increments. Press the <SET> button to confirm the setting.
 - 1.2 Press <ALL> button to choose all groups' FEC value, turn the select dial, and all groups' FEC value will change from -3 to ~3 in 0.3 stop increments. Press <ALL> button again to confirm the setting.

2. One-group displays in the TTL mode

Turn the select dial and the group's power output value will change from -3 to \sim 3 in 0.3 stop increments.

Note: The FEC value displayed on the XproS will not be displayed on the flash under its control. As the FEC values of XproS and flash are two different value, the output value are the total FEC value of XproS and flash(for example, if XProS's FEC value is -2 while the flash's FEC value is +3, then the flash output is +1.).

• Multi Flash Settings (Output Value, Times and Frequency)

- 1. In the multi flash (TTL and M icon are not displayed).
- The three lines are separately displayed as power output value, Times(flash times) and Hz (flash frequency).
- Turn the Select Dial to change the power output value from Min. to 1/4 in integer stops.
- Short press the Times button can change flash times.
 Turn the select dial to change the setting value.



Setting the Flash Trigger

- Short press the THz button can change flash frequency. Turn the select dial to change the setting value.
- Until all the amounts are set. Or during any value setting, short press the <MODE> button to exit the setting status. No values will blink.
- In the multi flash setting submenu, short press the <MODE> button to return to main menu when no values are blinking.

Note: As flash times are restricted by flash output value and flash frequency, the flash times cannot surpass the upper value that permitted by the system. The times that transported to the receiver end are a real flash time, which is also related to the camera's shutter setting.

Modeling Lamp Settings

- When displaying multiple groups, press the <MOD> button to control the ON/OFF of the modeling lamp.
- 2. Press the group button to choose the group when displaying multiple groups or when displaying one-group, press the <MOD> button to control the ON/OFF of the modeling lamp (note: The models that can use one-group to ON/OFF the modeling lamp are as follows: GSII, SKII, QSII, QDII, DEII, DPII series, etc. The outdoor flash AD200 and AD600 can use this function after upgrade. The new arrivals with modeling lamps can also use this function.).



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ZOOM Value Settings

Short press the <**Zm/CH**> button and the ZOOM value will be displayed on the LCD panel. Choose the group and turn the select dial, and the ZOOM value will change from AUTO/24 to 200. Choose the desired value and press the <**Zm/CH**> button again to back to the main menu.

Note: The flash's ZOOM should be set to Auto (A) mode before responding.



Shutter Sync Settings

- High-speed sync: press the <SYNC> button and is displayed on the LCD panel. Press the MENU or shortcut Fn on Sony camera to enter Flash Mode and choose Fill-flash . Then, set the camera shutter.



Buzz Settings

Press the <MENU> button to enter C.Fn BEEP and press the <SET> button. Choose ON to turn on the BEEP while OFF to turn off it. Press the <MENU> button again to back to the main menu.



X Setting the Flash Trigger

Svnc Socket Settings

- Press the <MENU> button to enter C.Fn SYNC and press the <SET> button to choose IN or OUT.
 Press the <MENU> button again to back to the main menu.
 - 1.1 When choosing IN, this sync socket will enable XProS to trigger flash.
 - 1.2 When choosing OUT, this sync socket will send trigger signals to trigger other remote control and flash.



TCM Function

TCM transform function is a particular function that owned by Godox:

TTL flash value transform into power output value in M mode.

1.1 Set the flash trigger to TTL mode and attach it to the camera. Press the shutter for shooting.



- 1.2 Long press the <TCM> button, and the flash value in TTL mode will transform into power output value in M mode (The displayed minimum value is the set Min. value).
- 1.3 Please refer to the C.Fn setting custom functions to see the flash models which are compatible with TCM functions.

Note: Please choose the relevant models in TCM function in C.Fn custom settings according to your own flash.

SHOOT Function Settings

Press the <MENU> button to enter C.Fn SHOOT.

Press the <SET> button to choose one-shoot or multi-shoots, and press the <MENU> button again to back to the main menu.

One-shoot: When shooting, choose one-shoot. In the M and Multi mode, the master unit only sends triggering signals to the slave unit, which is suitable for one person photography for the advantage of power saving.

Multi-shoots: When shooting, choose multi-shoots, and the master unit will send parameters and triggering signals to the slave unit, which is suitable for multi person photography. However, this function consumes power quickly.

APP: Only send triggering signal when camera is shooting (control the flash's parameters by smartphone APP).



X Setting the Flash Trigger

• C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash.

Custom Function	Function	Setting Signs	Settings and Description
STBY	Sleep	ON	ON
		OFF	OFF
BEEP	Beeper	ON	ON
		OFF	OFF
STEP	Power output	1/128	The minimum output is 1/128 (change in 0.3 step)
	value	1/256	The minimum output is 1/256 (change in 0.3 step)
		1/128 (0.1)	The minimum output is 1/128 (change in 0.1 step)
		1/256 (0.1)	The minimum output is 1/256 (change in 0.1 step)
LIGHT	Backlighting 12se		Off in 12 seconds
	time	OFF	Always off
		ON	Always lighting
SYNC	Sync cord jack IN		Enable XProS to trigger flash
		OUT	Export triggering signal to trigger other remote control
			and flash
GROUP	GROUP Group 5		5 groups (A-E)
		16 (O-F)	16 groups (0-F); 16 groups when the receiver end is
			studio flash, which can only be set to M mode in this state
LCD	Contrast ratio	-3-+3	The contrast ration can be set as integral number from
	of LCD panel		-3 to +3

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Custom Function	Function	Setting Signs	Settings and Description	
SHOOT	1	One-shoot	ot Only send triggering signals in the M & Multi mode	
			when camera is shoot	ing
	111	Full-shoot	Send parameters and	triggering signal when camera is
			shooting(suitable for r	nulti person photography)
	APP	APP	Only send triggering s	ignal when camera is shooting
			(control the flash's par	rameters by smartphone APP)
DIST	Triggering	0-30m	0-30m triggering	
	distance	1-100m	1-100m triggering	
ID	Wireless ID	OFF	Off	
		01-99	Choose any figure from 01-99 (the current flashes	
			cannot use this function temporarily)	
TCM	TCM transform)#D2_	TT685/V860II series	The power output values in the
	function	200j	AD200	M mode which are transformed
		360j	AD360II	from TTL mode, being subjected
		600j	AD600	to the master flash when mixing

Compatible Flash Models

• Compatible Flash Models

Transmitter	Receiver	Flash	Note
XProS		AD600 series/AD360II series/AD200	
		AD400Pro/V860II series/V850II	
		TT685 series/TT600/TT350S	
		QuickerII series/QTII/SK II series	
		DP II series/GSII	
	X1R-S	F42AM/HVL-45RM/HVL-F60M/	As there are so many camera flashes in
		HVL-F43M/ HVL-F32M/F58AM	the market which are compatible with
			Sony speedlites, we do not test one by one.
	XTR-16	AD360/AR400	The flashes with Godox wireless USB port
		Quicker series/SK series/DP series	Can only be triggered
		GT/GS series / Smart flash series	
	XTR-16S	V860/V850	

Note: The range of support functions: the functions that are both owned by XProS and flash.

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Compatible Flash Models

• The relationship of XT wireless system and X1 wireless system:

XT-16 (Code Switch)	ON							
X1 (Display Screen)	CH01	CH02	CH03	CH04	CH05	CH06	CH07	CH08
XT-16 (Code Switch)	ON							
X1 (Display Screen)	CH09	CH10	CH11	CH12	CH13	CH14	CH15	CH16

X Compatible Camera Models

This flash trigger can be used on the following Sony series camera models:

a77 II a77 a99 ILCE-6000L a9 A7R A7RIII a350

DSC-RX10

- This table only lists the tested camera models, not all Sony series cameras. For the compatibility
 of other camera models, a self-test is recommended.
- 2. Rights to modify this table are retained.
- 3. The cameras which are released before 2012 do not have TTL mode in their D and E group.

Technical Data

Model	XProS					
Compatible cameras	Sony cameras (TTL autoflash)					
	Support for the cameras that have PC sync socket.					
Power supply	2*AA batteries					
Flash Exposure Cor	Exposure Control					
TTL autoflash	Yes					
Manual flash	Yes					
Stroboscopic flash	Yes					
Function	nction					
High-speed sync	Yes					
Second-curtain sync	Yes					
Flash exposure	Yes, ±3 stops in 1/3 stop increments					
compensation						
Flash exposure lock	Yes					
Focus assist	Yes					
Modeling lamp	Control the modeling lamp by the flash trigger					
Beeper	Control the beeper by the flash trigger					
Wireless setting	The receiver end can control the camera shooting through the					
	2.5mm sync cord jack					
ZOOM setting	etting Adjust the ZOOM value by the transmitter					
TCM function	Transform the TTL shooting value into the output value in the M node					
Firmware upgrade	ograde Upgrade through the Type-C USB port					
Memory function	Settings will be stored 2 seconds after last operation and recover after a restar					

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Technical Data

Model	XProS				
Wireless Flash					
Transmission range (approx.)	0-100m				
Built-in wireless	2.4G				
Modulation mode	MSK				
Channel	32 01-99				
Wireless ID					
Group	16				
Other					
Display	Large LCD panel, backlighting ON or OFF				
Dimension/Weight	90x58x50mm/80g				
2.4G Wireless Frequency Range	2413.0MHz-2464.5MHz				
Max. Transmitting Power of 2.4G Wireless	5dbm				

Restore Factory Settings

Synchronously press the two function button in the middle, and the restore factory settings are finished until the "RESET" is displayed on the LCD panel.

• Firmware Upgrade

This flash trigger supports firmware upgrade through the Type-CUSB port. Update information will be released on our official website.

- USB connection line is not included in this product. As the USB port is a Type-C USB socket, please use Type-C USB connection line.
 - As the firmware upgrade needs the support of Godox G2 software, please download and install the "Godox G2 firmware upgrade software" before upgrading. Then, choose the related firmware file.

Attentions

- As the products needs to do firmware upgrade, please refer to instruction manual
 of the newest electric version as final.
 - Unable to trigger flash or camera shutter. Make sure batteries are installed correctly and Power Switch is turned on. Check if the transmitter and the receiver are set to the same channel, if the hotshoe mount or connection cable is well connected, or if the flash triggers are set to the correct mode.
 - Camera shoots but does not focus. Check if the focus mode of the camera or lens is set to MF. If so, set it to AF.
 - Signal disturbance or shooting interference. Change a different channel on the device.

4

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

- 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.
- 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 lighten) and the flash is not under the state of over-heat protection or other abnormal situation.
 - → Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode(a preflash is needed in TTL mode).

- Whether the distance between the flash trigger and the flash is too close or not
 - → Please turn on the "close distance wireless mode" on the flash trigger (< 0.5m):
 - → Please set the C.Fn-DIST 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(the flash trigger is recommended to use 1.5V disposable alkaline battery).

Caring for Flash Trigger

- Avoid sudden drops. The device may fail to work after strong shocks, impacts, or excess stress.
- Keep dry. The product isn't water-proof. Malfunction, rust, and corrosion may occur
 and go beyond repair if soaked in water or exposed to high humidity.
- Avoid sudden temperature changes. Condensation happens if sudden temperature changes such as the circumstance when taking the transceiver out of a building with higher temperature to outside in winter. Please put the transceiver in a handbag or plastic bag beforehand.
- Keep away from strong magnetic field. The strong static or magnetic field produced by devices such as radio transmitters leads to malfunction.

FCC Statement

- A. 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.
- B. Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.
- C. 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.