Warning

Operating frequency:2412.99MHz – 2464.49MHz
Maximum EIRP Power: 1.65dBm

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/DOC/Godox_X1_Series_DOC.pdf

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

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705-X1TF00-00 Made In China

FC CE RoHS

Godox 神牛

X1

TTL无线引闪器

TTL Wireless Flash Trigger

For FUJIFILM

Instruction Manual
说 明 手 册

Chinese English Bilingual | 中英文双语

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前言

感谢您购买X1T-F TTL无线引闪器。

该TTL无线引闪器只适用FUJIFILM相机控制神牛闪光灯，以及远程直接全方位控制具备神牛X无线系统的闪光灯(如TT685F、V860IIF、AD360II、AD600、AD600M、闪客II系列等)。而对于没有具备X无线系统的神牛闪光灯(如V860、V850、AD360等)，可以使用XTR-16或者XTR-16S接收器实现M闪光控制。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。同时可以连接具有PC接口的相机使用。支持高速闪光同步，最大闪光同步速度达1/8000s*。

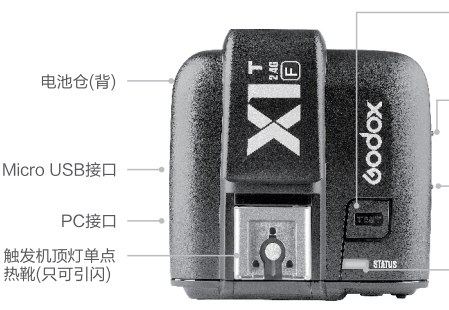
*：限制条件——相机的最大快门速度为1/8000s。

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。

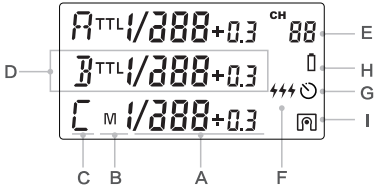
部件

机身



部件

LCD显示屏



(A) M模式下各组输出设置，TTL模式下各组FEC设置　(B) 分组模式设置
(C) 组别　(D) 当前选中的组别(操作方式2)　(E) 频道设置　(F) Multi模式符号
(G) 同步时延设置提示　(H) 低电报警图标　(I) 单触点模式已设置指示

电池

- **安装电池**
  滑开发射器与接收器背面的电池盒盖，根据电池盒内的正负极指示，分别装入2节AA电池(需另购)。
- **低电池电量指示**
  电池电量较低时(2节电池<2.4V)，低电图标会闪烁，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

重要说明
要使用ZOOM设置功能，请开启机顶灯的自动ZOOM功能。

此款引闪器具备以下功能：

1. 无线同步触发闪光灯

使用方法：

1.1 关闭相机电源，将发射器放置于相机热靴插座上，打开发射器电源开关和相机电源。
1.2 通过“频道设置按钮”选择频道， 使发射器与接收器选择的频道一致。
1.3 按下相机快门即可引闪，同时接收器与发射器“状态指示灯”闪亮红色。

2. 使用PC接口无线触发闪光灯

使用方法：

2.1 设置好发射端和接收端的频道和组别。
2.2 发射器端缺省将PC接口作为输入口，控制接收器端的闪灯进行闪光。
2.3 正常方式按下快门。将使用PC接口信号控制闪光。
2.4 PC接口可以设置为输出口，具体操作：在发射器端长按<CH/OK>按钮，直到屏幕显示<Fn>，设置C.Fn- 03值为ou，将PC接口设置为输出模式。

设置发射器

- 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！

- AF对焦辅助灯开关

把电源开关拨至“ON” 允许输出AF对焦光线。

相机无法对焦时，对焦灯会自动点亮；对好焦，对焦灯会自动熄灭。

- 频道设置

1. 短按<CH/OK>按钮，频道值闪烁。
2. 拨动拨盘选择合适的频道值。再次按<CH/OK>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。使用前请务必将发射器和接收器置于相同频道。

- 模式设置

1. 短按<GR>按钮，选中组别闪烁，单击向下选择，双击向上选择。
2. 短按<MODE>按钮，选中组的模式会改变。当前组的模式可以在TTL/M/--模式下顺序切换(--代表OFF 当前组将不会闪光)。

设置发射器

- 组别功率POWER/曝光补偿FEC值设置

1. 短按<GR> 按钮，选中组别闪烁，单击向下选择，双击向上选择。
2. 拨动拨盘以改变功率或者曝光补偿。
   如果当前分组处于M模式，其功率输出值将在Min. ([注1])~1/1之间以0.3为增量改变；如果当前分组处于TTL模式，其FEC值在-3~3之间以0.3 为增量改变；如果当前分组模式为--(关闭闪光)，则无影响。
3. 再短按<CH/OK>按钮，以确认设置值。

[注1]
Min.指M或Multi模式下能设置的最小输出值。根据C.Fn-05的设置值不同分别为1/128或1/256。在大多数机顶灯上，支持的最小输出是1/128，无法设置到1/256。配合神牛公司的AD600等大功率的影室灯，可以调节最小输出到1/256。

- 频闪分组开关设置

1. 在自定义功能中开启频闪模式(C.Fn-04设置为on)。
2. 短按<GR>按钮，选中组别,单击向下选择，双击向上选择。
3. 短按<MODE>按钮，选中组的模式会改变。
4. 当前组的模式可以在on/--模式下顺序切换(--代表OFF，当前组将不会闪光)。

设置发射器

- 频闪参数设置

1. 在进入频闪模式之后才能进入。
2. 按<MODE>按钮，进入频闪参数设置子菜单。
3. 三行显示内容分别为P(输出值)，T(闪光次数)，H(闪光频率)。
4. 短按<GR>按钮，可以选择对应设置值，在设置值闪烁时，拨动转盘修改设置值。继续短按<GR>按钮，直到三项设置值都设置完毕。短按<MODE>按钮，将退出设置状态。

闪光次数受闪光输出值和频率联合制约，闪光次数可能会自动调整。
传输到接收端的次数是设置的次数，跟相机快门设置无关。
为保证频闪次数正常，请使用下述方程计算相机快门速度：频闪次数 ÷ 频率=快门速度

- 群组值设置

1. 长按<GR> 按钮，可以对与当前分组模式相同的所有分组一起进行设置。
2. 所有与当前分组模式相同的分组值将会闪烁，使用拨盘以改变设置值。
3. 如果当前分组处于M模式，所有模式同样为M的分组的功率输出值都会同步调整。功率输出值可以在 Min.~1/1之间以0.3为增量改变，直到其中一个分组的值达到最大(1/1)或最小(Min.)；如果当前分组处于TTL模式，所有模式同样为TTL的分组的FEC值都会同步调整。FEC值可以在−3~3之间以0.3为增量改变，直到其中一个分组设置值达到最大(3)或最小(−3)；如果当前分组模式为−−(关闭闪光)，则无影响。
4. 短按<GR>按钮，以确认设置值。

设置发射器

- 试闪

1. 按<TEST>触发按钮，可以测试闪光是否正常。
2. 全按下<TEST>触发按键，此时状态指示灯亮红色，引闪闪光灯。
3. 发射器端的设置值将同时同步到接收端中。

- 造型灯控制

双击<CH/OK>按钮可以控制造型灯的开关。

- 自动进入省电模式

1. 在停止操作发射器超过60秒之后，系统自动进入待机模式，此时LCD显示消失。
2. 要唤醒系统，可以按任意键(<TEST>全按/<CH/OK>/<GR>/<MODE>)。如果发射器安装在FUJIFILM相机热靴上，也可以通过半按相机快门唤醒系统。
3. 如果发射器设置了单触点模式(显示)，将不会进入省电模式。

- 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。

注：如果对应的自定义功能开启有图标显示，则设置时，该图标会显示，以便于用户了解。

自定义功能编号	功能	设置编号	设置和说明
C.Fn-00	同步时延设置	00	关闭
		1~100	主闪时延N*100us闪光(时延图标 显示)
C.Fn-01	单触点模式	--	关闭
		on	启动(单触点模式已设置图标 显示) 如果发射器用PC线连接相机引闪或相机通过 单触点引闪，建议将发射器设置成单触点模式
C.Fn-02	设置Zoom值	--	Zoom功能关闭
		16，18，23，33， 46，53，69	固定Zoom值 135全面幅下对应(24/28/35/50/ 70/80/105mm)
C.Fn-03	PC接口连接 相机/闪光灯	in	PC接口连接相机
		ou	PC接口连接闪灯
C.Fn-04	频闪闪光 开启、关闭	--	频闪闪光关闭
		on	频闪闪光开启
C.Fn-05	M/Multi模式下 最小输出功率	1/128	M/Multi模式最小输出为1/128
		1/256	M/Multi模式最小输出为1/256

自定义功能编号	功能	设置编号	设置和说明
C.Fn-06	AF辅助对焦	--	关闭
		on	开启
C.Fn-07	组别数	03	A/B/C
		05	A/B/C/D/E
C.Fn-08	闪光灯提示音	--	关闭
		on	开启
C.Fn-09	强制发送设置值	--	仅在设置值改变后发送设置值
		on	闪光前强制发送设置值，即使设置值未改变
C.Fn-10	APP模式	--	发射器主控模式，可在发射器端设置接收器模式和输出
		on	开启APP模式，发射器仅触发闪光灯。仅频道和 自定义项目可以调节，LCD显示APP
C.Fn-11	特定相机和特定 闪光灯设置	00	一般FUJIFILM相机
		01	X100F、X100T等使用镜间快门的相机。开启此选项 并设置所有组模式为M可以达到1/1250S之内的高速同步
		02	开启此选项并设置所有组模式为M，可以解决老版TT600， V850II闪灯无法由X1T-F触发高速同步闪光的问题
双击CH按钮，可开启/关闭接收端造型灯。			
按住TEST按钮开机，Status状态指示灯闪烁两次，可以设置近距离接收。此时有效遥控距离为30米以下， 即使接收器与发射器十分接近，也能正常通讯。			

1. 长按<CH/OK>按钮2秒或更长，直到显示<Fn>
2. 选择自定义功能编号。
* 旋转调节旋钮设置自定义功能编号。
3. 更改设置。
* 按<GR>设置按钮，自定义功能编号闪烁。
* 旋转调节旋钮设置想要的编号，按<GR>按钮确定。
* 设置自定义功能后按下<MODE> 模式选择按钮，退出C.Fn设置状态。

• 照相机方的设置

相机的闪光模式请设置在TTL闪光模式，才可以触发X1T-F。

FUJIFILM 相机闪光模式设置

■插头闪光灯

当安装并开启了选购的热靴卡口闪光灯组件时，以下选项可用。

① **闪光控制模式：** 使用闪光灯组件选择的闪光控制模式。在某些情况下可从相机进行调整；可用选项根据闪光灯的不同而异。

•**TTL** :TTL 模式。调整闪光灯补偿（②）。

•**MULTI:** 重复闪光。每拍摄一张照片，兼容的热靴卡口闪光灯组件都会多次闪光。

② **闪光灯补偿/输出:**可用选项根据闪光控制模式的不同而异。

•**TTL:**调整闪光灯补偿（若超过闪光控制系统的限制，某些数值可能无法应用）。使用EF-X20、EF-20 和 EF-42 时，所选值会添加至使用闪光灯组件所选的值。

•**MULTI:**调整闪光输出（仅限兼容的组件）。

③ **闪光灯模式(TTL):**选择进行TTL闪光控制的闪光灯模式。可用选项根据所选拍摄模式（P、S、A或M）的不同而异。

• **(自动闪光)：** 闪光灯仅在需要时闪光；闪光级别根据拍摄对象的亮度进行调整。半按快门按钮时显示 图标表示拍摄照片时闪光灯将闪光。

• **（标准）：** 闪光灯在每次拍摄时都会尽可能闪光;闪光级别根据拍摄对象的亮度进行调整。释放快门时若闪光灯未完全充满电，闪光灯将不会闪光。

• **(慢同步)：** 当拍摄夜景背景下的肖像主体时，将闪光灯和低速快门相结合。释放快门时若闪光灯未完全充满电，闪光灯将不会闪光。

④ **同步：** 控制闪光时机。

• **(第一幕)：** 闪光灯在快门开启后立即闪光（普通拍摄的最佳选择）。

• **（第二幕）：** 闪光灯在快门即将关闭前闪光。

• **（自动 FP（HSS））：** 高速同步（仅限兼容的组件）。当快门速度高于闪光灯同步速度时，相机自动使用前帘高速同步。当闪光控制模式选为**MULTI**时相当于**第一幕**。

⑤ **变焦：** 支持闪光变焦的组件的照明角度（闪光灯闪光范围）。某些组件的该设定可从相机进行调整。若选择了**自动**，相机将自动调整变焦使闪光范围与镜头焦距相匹配。

⑥ **配光：** 若组件支持该功能，请从以下选项中进行选择。

• **(闪光灯电源优先)：** 稍微减少闪光范围以增加射程。

• **（标准）：** 根据视角匹配闪光范围。

• **（均匀覆盖优先）：** 稍微增加闪光范围以获得更多均匀的光线。

⑦ **LED 灯：** 选择在静态摄影过程中内置 LED 灯如何发挥作用（仅限兼容的组件）。用作反射光（**/反射光**），用作AF辅助灯（**AF/AF辅助**），或者既用作反射光又用作AF辅助灯（**/AF辅助+反射光**）。选择**OFF**可在摄影过程中禁用LED。

⑦ **闪光次数：** 选择在**MULTI**模式下每次释放快门时闪光灯闪光的次数。

⑧ **频率：** 选择在**MULTI**模式下闪光灯闪光的频率。*

* 若超过闪光控制系统的限制，某些数值可能无法应用。

- 操作方式选择

长按<CH/OK>按键5秒，切换操作方式(方式1/方式2)。

X1T-F操作方式一(默认)

TTL/M模式		
按键	**操作**	**功能**
CH/OK	短按	(常态下)进入CH设置状态；(设置状态下)确认返回常态
	双击	控制造型灯ON/OFF
	长按2秒	进入C.Fn设置状态
	长按5秒	切换操作方式(方式1/方式2)
GR	短按	向下选择设置组别
	双击	向上选择设置组别
	长按2秒	选择所有组别
MODE	短按	切换设置组别的闪光模式(TTL/M/OFF)
旋钮	**状态**	**功能**
	常态	无(3组)/翻页(5组)
	设置channel状态	调节channel数值
	设置组别状态	调节设置组别的功率POWER/曝光补偿FEC

Multi模式(C.FN-04-on)		
按键	**操作**	**功能**
CH/OK	短按	(常态下)进入CH设置状态；(设置状态下)确认返回常态
	双击	控制造型灯ON/OFF
	长按2秒	进入C.Fn设置状态
	长按5秒	切换操作方式(方式1/方式2)
GR	短按	向下选择设置组别
		(PTH状态下)选择设置功率power/次数times/频率hz
	双击	向上选择设置组别
MODE	短按	设置组别状态下控制ON/OFF
		(PTH状态下)返回常态
		在常态下进入PTH状态(P-功率power、T-次数times、H-频率hz)
旋钮	**状态**	**功能**
	常态	无(3组)/翻页(5组)
	设置channel状态	调节channel数值
	设置功率状态	调节功率数值
	设置次数状态	调节次数数值
	设置频率状态	调节频率数值

设置发射器

X1T-F操作方式二

TTL/M模式		
按键	**操作**	**功能**
CH/OK	短按	(常态下)进入CH设置状态；(设置状态下)确认返回常态
	双击	控制造型灯ON/OFF
	长按2秒	进入C.Fn设置状态
	长按5秒	切换操作方式(方式1/方式2)
GR	短按	选择设置功率POWER/曝光补偿FEC
	长按2秒	选择所有组别
MODE	短按	(常态下)切换<►组别>模式(TTL/M/OFF)
旋钮	**状态**	**功能**
	常态	选择设置<►组别>
	设置channel状态	调节channel数值
	设置组别状态	调节组别的功率POWER/曝光补偿FEC

设置发射器

Multi模式(C.FN-04-on)		
按键	**操作**	**功能**
CH/OK	短按	(常态下)进入CH设置状态；(设置状态下)确认返回常态
	双击	控制造型灯ON/OFF
	长按2秒	进入C.Fn设置状态
	长按5秒	切换操作方式(方式1/方式2)
GR	短按	(PTH状态下)选择设置功率power/次数times/频率hz
MODE	短按	(常态下)控制<►组别>的ON/OFF
		(PTH状态下)返回常态
	长按2秒	进入PTH状态(P-功率power、T-次数times、H-频率hz)
旋钮	**状态**	**功能**
	常态	无(3组)/翻页(5组)
	设置channel状态	调节channel数值
	设置功率状态	调节功率数值
	设置次数状态	调节次数数值
	设置频率状态	调节频率数值

注意事项

1. 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。
2. 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。
4. 如您发现触发距离有限或者有漏闪现象，请检查是否电池耗尽，请尝试更换电池。

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。

规格参数

型号	X1T-F
兼容相机	FUJIFILM相机
	支持所有具有PC输出口的相机
内置无线	2.4G频率
调制方式	MSK
供电方式	2*AA电池
曝光控制	
手动闪光	有
TTL自动闪光	TTL
频闪闪光	有
TTL控制	
高速同步	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	手动开启
后帘同步	有(相机方设置)
无线闪光	
可控从属单元组	最多5组(A/B/C/D/E)
传输范围(约)	>100米
频道	32个
其他	
时延设置	有(0~10ms，以100us为单位设置)

规格参数

其他	
闪光灯提示音	ON/OFF
造型灯	ON/OFF
ZOOM设置	可以通过发射器调节闪灯焦距值
显示屏	宽屏液晶显示，背光开启或关闭
输出接口	发射器：PC端子输入、输出
固件更新	通过机身上的Micro USB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
发射器尺寸/净重	72x75x52(mm)/90g

兼容相机列表

根据FUJIFILM相机对闪光灯控制不同，分为以下类别进行区分：

A类	X-Pro2, X-T20, X-T2, X-T1, GFX 50S
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：

型号	X1T-F				
功能	TTL/M 闪光			频闪闪光	AF辅助对焦灯
	标准	REAR	HSS(FP)	标准	
A类	√	√	√	√	√
B类	√	--	--	√	--
C类	√	√	(注[1])	√	--

注：
1. X100T无后帘（REAR）功能；
2. AF辅助对焦在快门低速（<200）时方可点亮。

- 此表格仅列举目前已测试的相机型号，未涵盖所有FUJIFILM相机。其他相机型号，用户可自行测试。
- 本公司保留未来修改此表格内容的权利。
- 注[1]: 请参考 C.Fn-11自定义项的说明。

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Foreword

Thanks for your purchase of this X1T-F TTL wireless flash trigger.
This TTL wireless flash trigger only applies to FUJIFILM cameras. It can also directly control flashes which have built-in Godox wireless X system (e.g. TT685F, V860IIF, AD360II, AD600, AD600M, QuickerII, etc.). As to the flashes which do not have Godox wireless X system (e.g.V860, V850, AD360, etc.), a XTR-16 or XTR-16S receiver can be used in combination to achieve manual flash control. Featuring multi-channel triggering, stable signal transmission, and sensitive reaction, it gives photographers unparalleled flexibility and control over their strobist setups. X1T-F can also connect to the cameras which have PC sync sockets. It supports high-speed sync function and the max flash synchronization speed is up to 1/8000s *.

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

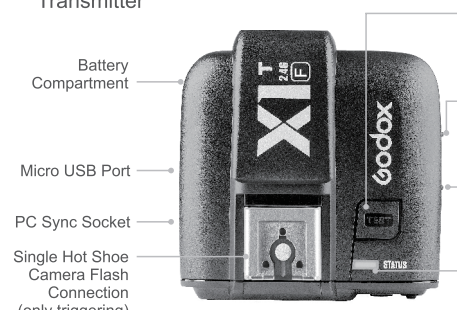
Warning

- 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℃.
- 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

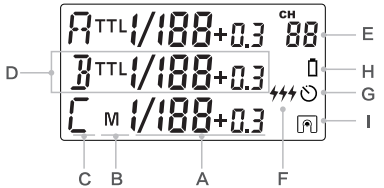
- Body

Transmitter



Names of Parts

Transmitter Panel



(A) Output Settings per Group in the M Mode; FEC Settings per Group in the TTL Mode
(B) Mode Settings **(C)** Group **(D)** Currently Selected Group (Operation Method 2)
(E) Channel Settings **(F)** Multi Mode Icon **(G)** Synchronization Delay Setting Icon
(H) Low Battery Indicator **(I)** Single Contact Icon

Battery

- **Installing Batteries**
  As shown in the illustration, slide the battery compartment lid of the transmitter and receiver and insert two AA batteries (sold separately) separately.
- **Low Battery Indication**
  When the battery power (2 AA batteries <2.4V) gets low, Status Indicator Lamp blinks quickly (blink cycle=0.5s). Please replace new batteries, as low power leads to no flash or flash missing in case of long distance.

Using the Flash Trigger

Note: To set ZOOM functions, please open the ZOOM functions on the camera flash.

The flash trigger features the following functions:

1. **As a Wireless Flash Trigger**
   1.1 Mount the transmitter on camera hotshoe and turn it on before turning on the camera.
   1.2 Set the transmitter and the receiver to the same channel by pressing Channel Setting Button.
   1.3 Press the camera shutter button, and the flash will be triggered simultaneously. Status Indicator Lamp of transmitter turns red.

2. **As a Wireless Flash Trigger with PC Sync Socket**
   2.1 Set the transmitter end and receiver end to the same channel and group.
   2.2 The transmitter will control the flash on the receiver end to fire via using PC Sync Socket as input by default.
   2.3 Press the camera shutter and use the PC Sync Socket's signal to control the flash.
   2.4 PC Sync Socket can also be set as output. Long press the <CH/OK> Button of the transmitter until <Fn> is displayed on the panel. Then, set the value of C.Fn-03 to ou, and the PC Sync Socket is under output mode.

- **Power Switch**

  Slide the Power Switch to ON, and the device is on and Status Indicator Lamp will not blink.

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

- **Power Switch of AF Assist Beam**

  Slide the power switch to ON, and the AF lighting is allowed to output.
  When the camera cannot focus, the AF assist beam will turn on; when the camera can focus, the AF assist beam will turn off.

- **Channel Settings**

  1. Short press the <CH/OK> Button until the channel amount blinks.
  2. Turn the Select Dial to choose the appropriate channel. Press the <CH/OK> 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.

- **Mode Settings**

  1. Short press the <GR> Button and the selected group will blink. Click to choose downwardly and double-click to choose upwardly.
  2. Short press the <MODE> Button and the selected groups' modes will be changed by the order of TTL/M/--(-- represents OFF, which means that the current group will not fire flashes in this mode).

- **Group POWER / FEC Settings**

  1. Short press the <GR> Button and the selected group will blink. Click to choose downwardly and double-click to choose upwardly.
  2. Turn the Select Dial to change the power or flash exposure compensation settings.
     When the current group is in the M mode, the power output value is changeable from 1/1 full power to Min. [Note 1] power in 0.3 stop increments. When the current group is in the TTL mode, the FEC amount is changeable from -3 to 3 in 0.3 stop increments. When the current group is in the -- mode (flash off), the amounts will not change.
  3. Short press the <CH/OK> Button again to confirm the setting.

[Note 1]
Min. refers to the minimum power output value that can be set in M/Multi mode. 1/128 or 1/256 can be set according to C.Fn-05.
The minimum power output value is 1/128 and cannot be set to 1/256 for most of camera flashes. However, the value can change to 1/256 when using in combination with Godox strong power flashes e.g. AD600, etc.

• Multi Flash Group ON/OFF Settings

1. Open the multi flash in the C.Fn Custom Functions (set C.Fn-04 as 1).
2. Short press the <GR> button to select the group. Click to choose downwardly and double-click to choose upwardly.
3. Short press the <MODE> Button to change the mode of selected group.
4. The current group's mode will be changed by the order of on/-- (-- represents OFF, which means that the current group will not fire flashes in this mode).

• Multi Flash Parameter Setting

1. Enter into multi flash mode before setting.
2. Press the <MODE> Button to enter multi flash parameter setting menu.
3. Then, P (output value), T (flash times) and H (flash frequency) will be displayed on the LCD panel.
4. Short press the <GR> Button to choose the settings. Turn the Select Dial to change the blinking setting amount. Continue to press the <GR> Button until all the amounts are set. Then, short press the <MODE> Button to exit.

Note: As flash times are restricted by flash output value and flash frequency, it might get automatic adjustment.
The times that transported to the receiver end are setting times,which is not related to the camera's shutter setting.
To guarantee the normal times of stroboscopic rimes,please use the formula below to calculate the shutter speed.
Number of Flashes/Firing Frequency=Shutter Speed.

• Group Settings

1. Long press the <GR> Button to set all the groups that in the same modes simultaneously.
2. The settings of the groups which are in the same mode with the current group will blink. Turn the Select Dial to change the settings.
3. If the current group is in the M mode, all the other groups which are in the M mode will change their power output value simultaneously. The power output value is changeable from 1/1 full power to Min. power in 0.3 stop increments, until one of the

group's setting turns to the maximum(1/1) or the minimum(Min.). If the current group is in the TTL mode, all the other groups which are in the M mode will change their FEC amount simultaneously. The FEC amount is changeable from -3 to 3 in 0.3 stop increments, until one of the group's setting turns to the maximum(3) or the minimum(-3). If the current group is in the -- mode (flash off), the amounts will not change.

4. Short press the <GR> Button again to confirm the setting.

• Test Flash

1. Press the <TEST> Trigger Button to see the whether flash will fire normally or not.
2. Fully press the <TEST> Trigger Button, and the Status Indicator Lamp turns red and the flash can be triggered.
3. The settings on the transmitter end will synchronize to the receiver end at the same time.

• Modeling Lamp Control

Double-click the <CH/OK> Button to power ON/OFF the modeling lamp.

• Automatically Enter Power Saving Mode

1. The flash trigger will go into standby mode after the transmitter enter sleep mode, and the displays on the LCD panel will disappear.
2. Press any of the button (<TEST> fully pressed/<CH/OK>/<GR>/<MODE>) can wake up the flash trigger. If the transmitter is attached to the FUJIFILM, half press the shutter can also wake up the system.
3. If the transmitter is set to single contact mode(is displayed), the system will not enter power saving mode.

• C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash.
Note: Some icons will be displayed when setting the relevant custom functions to make users have a good understanding.

Custom Functions No.	Functions	Setting Signs	Settings and Description
C.Fn-00	Synchronization delay setting	00	OFF
		1~100	Master flash synchronization delay N*100 us (synchronization delay icon is displayed.)
C.Fn-01	Single contact mode	--	OFF
		on	ON (The single contact mode set icon is displayed.) It is advisable to set the transmitter to single contact mode when using it to trigger the flash by PC cord or through camera's single contact.
C.Fn-02	Zoom setting	--	Zoom is off
		16,18,23,33, 46,53,69	Zoom value in 135 system（24/28/35/50/70/80/105 mm)

Setting the Transmitter

Custom Functions No.	Functions	Setting Signs	Settings and Description
C.Fn-03	PC sync socket connects with camera /camera flash	in	PC sync socket connects with camera
		ou	PC sync socket connects with flash
C.Fn-04	Multi Flash ON/OFF	––	Multi flash OFF
		on	Multi flash ON
C.Fn-05	Minimum power output in M/Multi mode	1/128	The minimum power output in M/Multi mode is 1/128
		1/256	The minimum power output in M/Multi mode is 1/256
C.Fn-06	Af assist	--	ON
		on	OFF
C.Fn-07	Number of groups	03	A/B/C
		05	A/B/C/D/E
C.Fn-08	Beep	--	ON
		on	OFF
C.Fn-09	Send setting values forcibly	--	Only send after the setting values have been changed.
		on	Forcibly send the setting values before firing even though the values has not been changed.
C.Fn-10	APP mode	--	The transmitter is in the master mode, which can set the receiver's mode and output on the transmitter end.
		on	Open the APP mode and the transmitter can only trigger flashes. Only channel and custom settings can be adjusted and the LCD panel will display APP.
C.Fn-11	Setting the specific cameras and flashes	00	The general FUJIFILM cameras
		01	The cameras that use between-the-lens-shutters e.g.X100F, X100T, etc. Choose this option and set all groups to M mode can reach high-speed sync within 1/1250s.
		02	Choose this option and set all groups to M mode can solve the problem that the TT600 and V850II cannot achieve high-speed sync flash when triggered by X1T-F.

Double-click the **CH** Button to turn on/off the modeling lamp of the receive end.

Press the **TEST** Button to turn on the flash trigger. When the Status Indicator Lamp blinks two times, it means the effective remote distance is below 30 meters, thus the transmitter and receiver can communicate normally no matter how near they are.

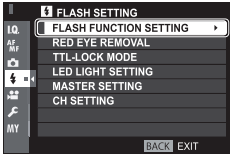
1. Press the <CH/OK> Button for 2 seconds or longer until <Fn> is displayed.
2. Select the custom function No.
   * Turn the Select Dial to choose the Custom Function No.
3. Change the Setting.
   * Press the <GR> Button until the custom function No. blinks.
   * Turn the Select Dial to set the desired number. Pressing <GR> button will confirm the settings.
   * Press <MODE> button to exit the C.Fn settings.

Setting the Transmitter

- **Setting the Camera**

To trigger X1T-F, please set camera's flash mode to TTL flash.

FUJIFilm Camera side flash mode setting:



■ SHOE MOUNT FLASH

The following options are available when an optional shoe-mounted flash unit is attached and turned on.

① **Flash control mode:** The fl ash control mode selected with the flash unit. This can in some cases be adjusted from the camera; the options available vary with the flash.
- **TTL:** TTL mode. Adjust flash compensation (②).
- **MULTI:** Repeating flash. Compatible shoe-mounted flash units will fire multiple times with each shot.
- **OFF (OFF):** The flash does not fire. Some flash units can be turned off from the camera.

② **Flash compensation/output:** The options available vary with flash control mode.
- **TTL:** Adjust flash compensation (the full value may not be applied if the limits of the flash control system are exceeded). In the cases of the EF-X20, EF-20, and EF-42, the selected value is added to the value selected with the flash unit.
- **MULTI:** Adjust flash output (compatible units only).

③ **Flash mode (TTL):** Choose a flash mode for TTL flash control.The options available vary with the shooting mode (**P**, **S**, **A**,or **M**) selected.
- **TTL AUTO (FLASH AUTO):** The flash fires only as required; flash level is adjusted according to subject brightness. A icon displayed when the shutter button is pressed halfway indicates that the flash will fire when the photo is taken.
- **TTL (STANDARD):** The flash fires with every shot if possible;flash level is adjusted according to subject brightness.The flash will not fire if not fully charged when the shutter is released.
- **TTL SLOW (SLOW SYNC.):** Combine the flash with slow shutter speeds when photographing portrait subjects against a backdrop of night scenery. The flash will not fi re if not fully charged when the shutter is released.

④ **Sync:** Control flash timing.
- **FRONT (1ST CURTAIN):** The flash fires immediately after the shutter opens (generally the best choice).
- **REAR (2ND CURTAIN):** The flash fires immediately before the shutter closes.
- **FP (AUTO FP(HSS):** High-speed sync (compatible units only). The camera automatically engages front-curtain high-speed sync at shutter speeds faster than the flash sync speed. Equivalent to **1ST CURTAIN** when **MULTI** is selected for flash control mode.

⑤ **Zoom:** The angle of illumination (flash coverage) for units that support flash zoom. Some units allow the adjustment to be made from the camera. If **AUTO** is selected, zoom will automatically be adjusted to match coverage to lens focal length.

⑥ **Lighting:** If the unit supports this feature, choose from the options below.
- **(FLASH POWER PRIORITY)**: Gain range by slightly reducing coverage.
- **(STANDARD)**: Match coverage to picture angle.
- **(EVEN COVERAGE PRIORITY)**: Slightly increase coverage for more even lighting.

⑦ **LED light:** Choose how the built-in LED light functions during still photography (compatible units only). It can function as a catchlight (/**CATCHLIGHT**), as an AF-assist illuminator (**AF**/**AF ASSIST**), or as both a catchlight and an AF-ASSIST illuminator (/**AF ASSIST+CATCHLIGHT**). Choose **OFF** to disable the LED during photography.

⑦ **Number of flashes:** Choose the number of times the flash fires each time the shutter is released in **MULTI** mode. *

⑧ **Frequency:** Choose the frequency at which the flash fires in **MULTI** mode. *
* Full value may not be applied if limits of flash control system are exceeded.

• Selecting the Operation Method

Press the <CH/OK> Button for 5 seconds to switch the operation methods (Method 1/Method 2).

X1T-F Operation Method 1(by default)

TTL/M Mode		
Button	**Operation**	**Function**
CH/OK	Short press	(under normal status) Enter CH settings; (under settings)Confirm and back to normal status
	Double-click	Control the ON/OFF of modeling flash
	Long press for 2 seconds	Enter C.Fn custom settings
	Long press for 5 seconds	Switch the Operation Methods (Method 1/Method 2)
GR	Short press	Select the group downwardly
	Double-click	Select the group upwardly
	Long press for 2 seconds	Select all the group
MODE	Short press	Switch the flash mode of the group (TTL/M/OFF)
Select Dial	**Status**	**Function**
	Normal	No (3 groups)/Turning(5 groups)
	Set the channel	Adjust the channel amount
	Set the group	Adjust the group's POWER/FEC amount

Multi Mode (C.FN-04-on)		
Button	**Operation**	**Function**
CH/OK	Short press	(under normal status) Enter CH settings; (under settings) Confirm and back to normal status
	Double-click	Control the ON/OFF of modeling flash
	Long press for 2 seconds	Enter C.Fn custom settings
	Long press for 5 seconds	Switch the Operation Methods (Method 1/Method 2)
GR	Short press	Select the group downwardly
		(under PTH status) Set power/times /hz
	Double-click	Select the group upwardly
MODE	Short press	Set the group's ON/OFF
		(under PTH status) Back to normal status
		(under normal status)Enter PTH status (P-power, T-times, and H-hz)
Select Dial	**Status**	**Function**
	Normal	No (3 groups)/Turning(5 groups)
	Set the channel	Adjust the channel amount
	Set the power	Adjust the power amount
	Set the flash times	Adjust the times amount
	Set the flash frequency	Adjust the frequency amount

X1T-F Operation Method 2

TTL/M Mode		
Button	**Operation**	**Function**
CH/OK	Short press	(under normal status) Enter CH settings; (under settings) Confirm and back to normal status
	Double-click	Control the ON/OFF of modeling flash
	Long press for 2 seconds	Enter C.Fn custom settings
	Long press for 5 seconds	Switch the Operation Methods (Method 1/Method 2)
GR	Short press	Set POWER/FEC amount
	Long press for 2 seconds	Select all the group
MODE	Short press	(under normal status) Switch the < ▶ Group>mode (TTL/M/OFF)
Select Dial	**Status**	**Function**
	Normal	Set < ▶ Group>
	Set the channel	Set the channel amount
	Set the group	Adjust the group's POWER/FEC amount

Multi Mode (C.FN-04-on)		
Button	**Operation**	**Function**
CH/OK	Short press	(under normal status) Enter CH settings; (under settings) Confirm and back to normal status
	Double-click	Control the ON/OFF of modeling flash
	Long press for 2 seconds	Enter C.Fn custom settings
	Long press for 5 seconds	Switch the Operation Methods (Method 1/Method 2)
GR	Short press	(under PTH status) Set power/times /hz
MODE	Short press	(under normal)Control the <▶Group>'s ON/OFF
		(under PTH status) Back to normal status
	Long press for 2 seconds	Enter PTH status (P-power, T-times, and H-hz)
Select Dial	**Status**	**Function**
	Normal	No (3 groups)/Turning(5 groups)
	Set the channel	Adjust the channel amount
	Set the power	Adjust the power amount
	Set the flash times	Adjust the times amount
	Set the flash frequency	Adjust the frequency amount

Attentions

1. 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.
2. 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.
3. Signal disturbance or shooting interference. Change a different channel on the device.
4. Operating distance limited or flash missing. Check if batteries are exhausted. If so, change them.

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.

Technical Data

Model	**X1T-F**
Compatible Cameras	FUJIFILM cameras
	Support for the cameras that have PC sync socket.
Builted-in remote system	2.4G Wireless transmission
Modulation mode	MSK
Power supply	2*AA batteries
Exposure Control	
Manual flash	Yes
TTL autoflash	TTL
Multi flash	Yes
TTL Control	
High-speed sync	Yes
Flash exposure compensation	Yes, ±3 stops in 1/3 stop increments
Flash exposure lock	Yes
Focus assist	Manual open
Second curtain sync	Yes (Setting on the camera)
Wireless Flash	
Controllable slave group	Max. 5 groups (A/B/C/D/E)
Transmission range (approx.)	>100m
Channel	32

Technical Data

Model	X1T-F
Others	
Synchronization delay set	Yes (0~10ms，use 100us as the unit)
Beep	ON/OFF
Modeling flash	ON/OFF
ZOOM setting	Adjust the flash's focal length through the transmitter
Output interface	Transmitter: use a PC cord to input and output
Firmware upgrade	Use the Micro USB port to upgrade
Memory function	Settings will be stored for 2 seconds after last operation and recover after a restart
Dimension/Weight for Transmitter	72x75x52(mm)/90g

Compatible 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, GFX 50S
B	X-Pro1, X-T10, X-E1, X-A3
C	X100F,X100T

Compatible camera models & functions support:

Model	X1T-F				
Function	TTL/M Flash			Stroboscopic Flash	AF-assist Beam
	Standard	REAR	HSS(FP)	Standard	
A	√	√	√	√	√
B	√	--	--	√	--
C	√	√	Note[1]	√	--

Note:
1.X100T do not have second curtain sync (REAR)function.
2.The AF assist beam will light up when the shutter is at low speed(<200).

- This table only lists the tested camera models, not all FUJIFILM cameras. For the compatibility of other camera models, a self-test is recommended.
- Rights to modify this table are retained.
- Note [1]: Please refer to C.Fn-11 in Setting Custom Functions.