

Godox 神牛

# X2T<sup>C</sup> TTL 无线引闪器

TTL Wireless Flash Trigger



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Made In China

FC CE RoHS  

Instruction Manual

说明手册

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## X 前言

### 感谢您购买X2TC无线引闪器。

该引闪器适用佳能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-C操作支持佳能原厂闪光灯。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CANON EOS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E-TTL II 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。

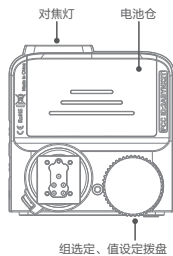
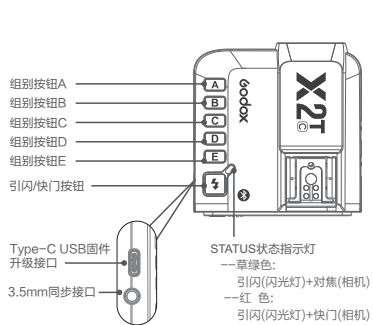
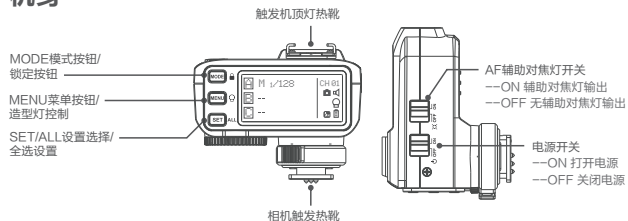
切勿将电池投入火中或加热升温。

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。

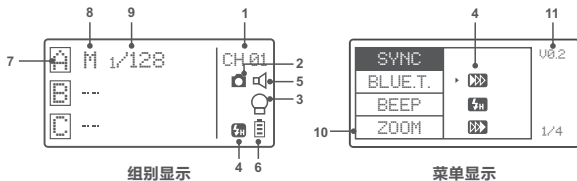
## X 部件

### • 机身



## X 部件

### • LCD显示屏



1. 组别键背光亮



2. 功能键背光亮

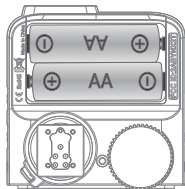
## 电池

### • 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)。

\* 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

### • 无线同步触发机顶闪光灯

使用方法以TT685C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 短按<MENU>按钮进入菜单设置频道、组别、模式和参数(请看设置引闪器详细介绍)。

## 使用引闪器

- 1.3 打开机顶闪光灯电源，按<Z>无线设置按钮，令屏幕显示<(P)>无线图标和<SLAVE>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。

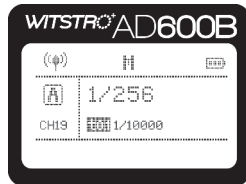
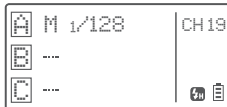
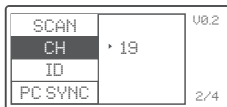
### • 无线同步触发外拍闪光灯

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 短按<MENU>按钮进入菜单设置频道、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<Z>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。



## 使用引闪器

### • 无线同步触发原厂机顶闪光灯

使用方法以600EX-RT为例：

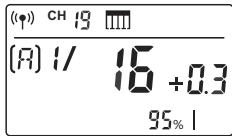
- 3.1 关闭相机电源，将引闪器放置于相机热靴插座上，打开引闪器电源开关和相机电源。
- 3.2 短按<MENU>按钮进入菜单设置频道、组别、模式和参数(请看设置引闪器详细介绍)。
- 3.3 原厂机顶闪光灯放置到接收器X1R-C上，接收器按<CH>频道设置按钮设置同引闪器相同频道，按<Gr>组别设置按钮设置同引闪器相同组别。(注：原产闪光灯设置请根据相应的原厂机顶闪光灯使用说明书。)
- 3.4 按下相机快门即可引闪，同时机顶灯与触发器“状态指示灯”闪亮红色。



### • 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 短按<MENU>按钮进入菜单设置频道、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<((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>组别频道设置按钮设置同引闪器相同组别。

(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 $\geq 1/32$ 的数值。影室闪光灯无TTL和频闪功能，故引闪器设置时选M模式才能触发影室闪光灯。

### • 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-C的“快门接口”，打开相机和接收器电源。
- 5.2 短按<MENU>按钮进入菜单设置频道、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>组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。



## 使用引闪器

### • 使用3.5mm同步接口触发闪光灯


使用方法:

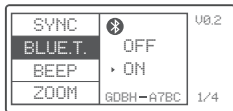
- 6.1 接收器端连接方式请参考“无线同步触发影室闪光灯”和“无线同步触发相机快门”章节。
- 6.2 发射端同步接口设置为输出口,具体操作:在发射器端按<MENU>按钮,进入C.Fn设置PC SYNC为OUT模式。
- 6.3 正常方式按下快门。将使用同步接口信号控制闪光。



### 引闪器蓝牙连接手机APP

使用方法:

- 7.1 短按<MENU>按钮进入菜单BLUE.T.打开蓝牙,ON的下方就是该发射器连接的蓝牙号。
- 7.2 苹果手机请在APP Store里搜索“GodoxPhoto”并下载安装,或通过手机直接扫二维码安装APP。
- 7.3 在手机把神牛摄影的APP打开选择。
- 7.4 连接发射器对应的蓝牙ID号,输入密码进行配对(初始密码为“000000”)。
- 7.5 配对成功,返回APP主界面。



“GodoxPhoto”

## 使用引闪器

- 7.6 开启蓝牙功能后,发射器显示屏上显示蓝牙图标。
- 7.7 调节从属闪光灯的频道与发射器一致,就可以在手机APP里调节从属闪光灯的功率大小,造型灯和蜂鸣器控制。
- 7.8 设置完对应参数后,可进入手机APP相机页面进行拍照。

注:引闪器与手机APP连接成功后,可以把引闪器的自动休眠设置为30min.。



## 设置引闪器

### • 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！

### • 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。如果安装在 CANON EOS 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。

### • AF对焦辅助灯开关

把AF辅助对焦灯开关拨至“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<MENU>按钮进入菜单CH设置频道。

2. 拨动拨盘选择合适的频道值。退出菜单界面，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。

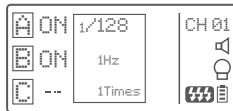
\*注：从属单元具备此功能时才能使用，如果没有，请把ID设置在OFF状态。

## 设置引闪器

### • 模式设置

1. 按<SET>按钮选定单组别时按<MODE>按钮，当前组的模式可以在TTL/M/--模式下顺序切换。

2. 按<MODE>按钮，多组模式可以切换为MULTI模式，按组别选择按钮再按<MODE>按钮可以对当前组MULTI模式设为打开“ON”或关闭“--”。



## 设置引闪器

### • 档位值设置

#### 在M模式下

- 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>键确定该组功率输出值。
- 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。

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 0.3, 1/256 0.3, 1/128 0.1, 1/256 0.1, 3.0(0.1), 2.0(0.1)。

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。

### • 曝光补偿设置

#### 在TTL模式下

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。

## 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，Hz(闪光频率)，Times(闪光次数)。
3. 按<SET>按钮,拨动转盘其功率输出值将在 Min. ~ 1/4 之间以整数档改变。
4. 再按<SET>按钮选中Hz，可以改变频率，拨动转盘修改设置值。
5. 再按<SET>按钮选中Times，可以改变闪光次数，拨动转盘修改设置值。
6. 直到三项设置值都设置完毕。或在设置任意项目时，短按<SET>按钮，将退出设置状态。
7. 在频闪参数设置子菜单中，无项目选中时，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。

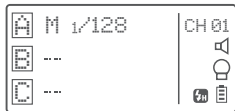




## 设置引闪器

### 造型灯设置

1. 长按<MENU> 按钮造型灯打开或关闭。



### ZOOM值设置

1. 短按<MENU>按钮进入菜单设置界面ZOOM。按<SET>按钮，拨动调节旋钮，ZOOM值会在AUTO/24-200中改变。选中需要设定的值再返回主菜单。

注：闪光灯ZOOM需调整在Auto(A)模式才可响应。



## 设置引闪器

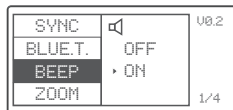
### 快门同步设置

1. **高速同步**：短按<MENU>按钮进入菜单设置界面SYNC设置高速同步,令屏幕显示**Hi**。
2. **帘快门同步**，短按<MENU>按钮进入菜单设置界面SYNC设置后帘同步，令屏幕显示**Hi**。



### 蜂鸣器设置

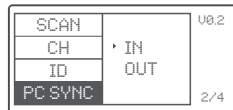
按<MENU>按钮进入菜单设置界面BEEP,按<SET>按钮选定ON蜂鸣器打开，选定OFF蜂鸣器关闭，再按<MENU>按钮返回主菜单。



### 同步孔设置

1. 按<MENU>按钮进入菜单设置界面 PC 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X2TC引闪光灯。
- 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

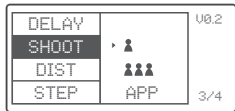
### • SHOOT功能设置

按<MENU>按钮进入菜单设置界面 SHOOT, 按<SET>按钮选定单拍或多拍, 再按<MENU>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。

**多拍:** 相机拍照时选择多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
SYNC	快门同步设置		前帘
			高速
			后帘
BLUE.T.	蓝牙状态设置	OFF	关闭
		ON	启动
BEEP	蜂鸣器	ON	启动
		OFF	关闭
ZOOM	ZOOM设置	24	AUTO/24-200
SCAN	扫描空闲频道	OFF	关闭
		START	开始查找空闲频道
CH	无线频道设置	01	01-32组
ID	无线ID	OFF	关闭
		01-99	可以选择01-99任意一个数字(此功能老闪光灯暂时无法使用)
PC SYNC	同步孔	IN	触发X2TC引闪闪光灯
		OUT	输出触发信号, 触发其他遥控器和闪光灯
DELAY	延时设置	OFF	关闭
		0.1ms-9.9ms	设置高速同步时闪光延时
SHOOT		单拍	相机拍照时在M&Multi模式下只发送引闪信号
		全拍	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
STEP	档位	1/128(0.3)	最小输出为1/128(档位跳变为0.3)
		1/256(0.3)	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)
		3.0(0.1)	最小输出为3.0(档位跳变为0.1)
		2.0(0.1)	最小输出为2.0(档位跳变为0.1)

## 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
GROUP	组别	5 (A-E)	5组A-E
		3 (A-C)	3组A-C
STBY	睡眠	60sec	60秒
		30min	30分
		60min	60分
		OFF	---
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
LCD	LCD对比度	-3→+3	对比度值可以选择-3到+3之间的整数

### 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
X2TC	--	AD600系列/AD400系列/AD360II系列/AD200/V860II系列/V850II/V350C/TT685系列/TT600/TT350C/TT585系列/闪客II系列/QTII/SK II系列/DP II系列/GSII	
	X1R-C	600EX-RT/580EXII/580EX/430EXII V860C	市面上兼容佳能相机的机顶灯众多，无法一一验证
	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/GT/GS一代系列小精灵	只能引闪
XTR-16S	V860C/V850		

\*注：支持的功能范围：X2TC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)								
X1 (显示屏)	CH01	CH02	CH03	CH04	CH05	CH06	CH07	CH08
XT-16 (编码开关)								
X1 (显示屏)	CH09	CH10	CH11	CH12	CH13	CH14	CH15	CH16

## 兼容相机列表

### 本机可兼容以下佳能EOS系列的相机型号：

1Dx Mark II	1Dx	5Ds/5Dsr	5D IV	5D Mark III	5D Mark II	5D			
7D Mark II	7D	6D	80D	70D	60D	50D	6D Mark II	77D	800D
40D	30D	750D/760D	700D	650D	600D	550D			
500D	450D	400D Digital	350D DIGITAL		100D	1200D	1000D		
1100D	M5	M3	EOS R	M50					

1. 此表格仅列举目前已测试的相机型号，未涵盖所有佳能EOS系列相机。

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。

3. 2012年前发表的相机D组E组无TTL模式。

## 产品参数

### 产品参数:

型号	X2TC
兼容相机	支持Canon EOS相机 (E-TTL II 自动闪光) 支持所有具有 PC 输出接口的相机
供电方式	2*AA 电池
<b>曝光控制</b>	
TTL自动闪光	E-TTL II
手动闪光	有
频闪闪光	有
<b>功能</b>	
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	有
蜂鸣器	有
无线快门	接收器端可以通过3.5mm同步接口控制相机拍摄
ZOOM设置	可以通过发射器调节闪光灯焦距
固件更新	通过身上的 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

## 产品参数

型号	X2TC
<b>无线闪光</b>	
传输范围 (约)	0-100米
内置无线	2.4G频率
调制方式	MSK
频道	32个
无线ID	01-99
组别	5组
<b>其他</b>	
显示屏	宽屏液晶显示, 背光开启或关闭
引闪器尺寸/净重	72x70x58mm/90g

### 恢复出厂设置

先按住MODE键再开机, 发射器所有的参数都将恢复出厂设置。

### 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 G3程序软件支持, 升级固件前请先下载安装“Godox G3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

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。

### 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”：设置C.Fn-DIST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(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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## X Foreword

Thanks for your purchase of this X2TC wireless flash trigger . This wireless flash trigger is suitable for using Canon cameras to control Godox flashes with X system e.g. camera flash, outdoor flash, and studio flash. It can also control Canon original speedlites with the coordination of X1R-C receiver. Featuring multi-channel 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 Canon EOS series cameras, as well as the cameras which have PC sync sockets. With X2TC wireless flash trigger , high speed synchronization is available for most of camera flashes in the market which support E-TTL II. The max flash synchronization speed is up to 1/8000s \*.

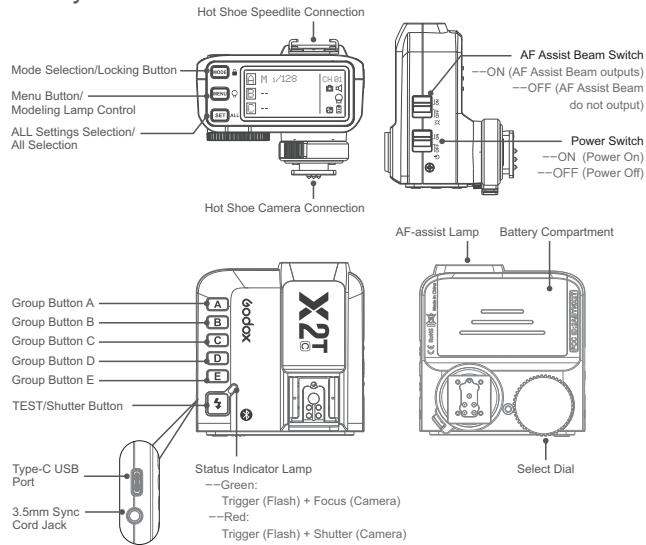
\*: 1/8000s is achievable when the camera has a max camera shutter speed of 1/8000s.

## ⚠ 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°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.

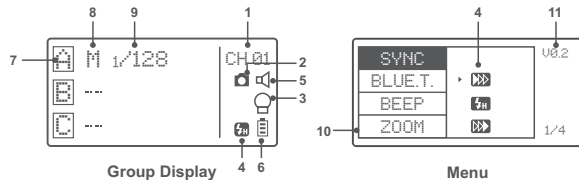
## X Names of Parts

### • Body



## X Names of Parts

### • LCD Panel



1. Channel (32) 2. Camera Connection 3. Modeling Lamp Master Control  
4. High-Speed/Rear Curtain Sync 5. Sound 6. Battery Level Indication  
7. Group 8. Mode 9. Power 10. ZOOM Value 11. Version

### • Button Backlighting



1. Group button backlighting



2. Function button backlighting

## X Battery

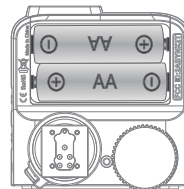
AA alkaline batteries are recommended.

### • Installing Batteries

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

### • Battery 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.

## X Using the Flash Trigger

### 1. As a Wireless Camera Flash Trigger

Take TT685C 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.



## X Using the Flash Trigger

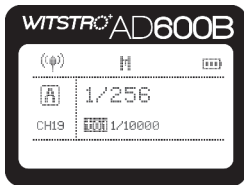
- 1.2 Short press the <MENU> button to set channel, group, mode and parameters (refers to the contents of "Setting the Flash Trigger").
- 1.3 Turn on the camera flash, press the <↔> wireless setting button and the <(P)> wireless icon and <SLAVE> slave unit icon will be displayed on the LCD panel. Press the <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same 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 Short press the <MENU> 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 <(P)> wireless icon will be displayed on the LCD panel. Long press the



## X Using the Flash Trigger

<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 outdoor 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 600EX-RT 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 Short press the <MENU> 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-C 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.



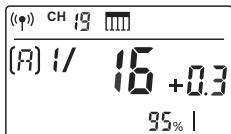
## X Using the Flash Trigger

### 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 Short press the <MENU> 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 <((P))> 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 triggering.



## X Using the Flash Trigger

### 5. 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-C to connect. Power on the camera and the receiver.
- 5.2 Short press the <MENU> 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.



## X Using the Flash Trigger

### 6. As a Flash Trigger with 3.5mm Sync Cord Jack


Operation method:

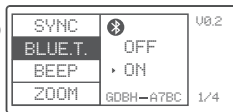
- 6.1 The connection method please refers to the contents of "As a Wireless Studio Flash Trigger" and "As a Wireless Shutter Release".
- 6.2 Set the transmitter end's sync cord jack as an output port. Operation: press the <MENU> button on the transmitter end to enter C.Fn settings. Then, set PC SYNC to OUT mode.
- 6.3 Press the shutter normally and the flashes will be controlled by sync cord jack's signal.



### 7. Connect to Smartphone through Bluetooth

Using method:

- 7.1 Short press the <MENU> Button to enter BLUE.T. to open the Bluetooth. The Bluetooth ID will displayed under the ON.
- 7.2 Search "Godox Photo" in iPhone's APP Store and download the APP. Or install the APP by scanning the QR Code with your smartphone.
- 7.3 Open the APP and choose .
- 7.4 Connect the transmitter to the responded Bluetooth ID and enter the password to match (the initial password is "000000").



## X Using the Flash Trigger

7.5 Full match and back to APP main interface.

7.6 When started the Bluetooth function, the Bluetooth icon will be displayed on the transmitter's panel.

7.7 Set the channels of the slave flash and the transmitter to the same, and parameters e.g. slave flash mode, power value, modeling lamp and beep can be controlled on the APP of the smartphone.

7.8 Use the APP of the smartphone for shooting after setting all the parameters.

Note: When successfully connected the flash trigger and smartphone APP, the auto sleep of the flash trigger can be set to 30 min.



## X Setting the Flash Trigger

### • 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

1. The system will automatically enter standby mode after stop operating the transmitter over 60 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 CANON EOS 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 settings and set STBY to OFF.

### • Power Switch of AF Assist Beam

Slide the AF-assist beam 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 Setting

1. Short press the <MENU> button and choose CH to set the channel value.
2. Turn the select dial to choose the appropriate channel. The channel value will be confirmed after exiting the menu.
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.

## X Setting the Flash Trigger

### • 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.

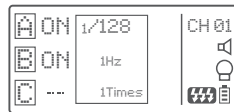
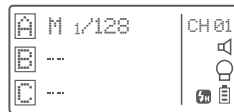
Press the <MENU> button to enter C.Fn ID. Press the <SET> button to choose OFF channel expansion shutdown, and choose any figure from 01 to 99.

**Note:** It can only be used when the slave units have the wireless ID settings functions. If they do not have, please set the ID to OFF.

### • Mode Setting

1. When pressing the <SET> button to select one group, press the <MODE> button and all the current group's mode will be changed by the order of **TTL/M/--**.

2. Press the <MODE> button to switch the multi-group mode to MULTI mode. Press the group selection button and then press the <MODE> button can set the MULTI mode to ON or OFF.



## X Setting the Flash Trigger

### • Output Value Settings

#### In the M mode

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 stop increments. Press the <SET> button to confirm the setting.
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 stop increments. Press <ALL> button again to confirm the setting.

**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 0.3, 1/256 0.3, 1/128 0.1, 1/256 0.1, 3.0(0.1) and 2.0(0.1) according to C.Fn-Min. For most of camera flashes, the minimum output value is 1/128 and cannot be set to 1/256. However, the value can change to 1/256 when using in combination with Godox strong power flashes e.g. AD600, etc.

### • Flash Exposure Compensation Settings

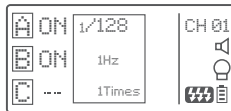
#### In the TTL mode

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.

## X Setting the Flash Trigger

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

1. In the multi flash (TTL and M icon are not displayed).
2. The three lines are separately displayed as power output value, Hz(flash frequency) and Times(flash times).
3. Press the <SET> button and turn the Select Dial to change the power output value from Min. to 1/4 in integer stops.
4. Press the <SET> button again and choose Hz to change flash frequency. Turn the select dial to change the setting value.
5. Press the <SET> button again and choose Times to change flash times. Turn the select dial to change the setting value.
6. Until all the amounts are set. Or during any value setting, short press the <SET> button to exit the setting status.
7. In the multi flash setting submenu, short press the <MODE> button to return to main menu when no values are blinking.

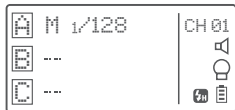


**Note:** As flash times are restricted by flash output value and flash frequency, the flash times cannot surpass the upper value that permitted by the system. The times that transported to the receiver end are a real flash time, which is also related to the camera's shutter setting.

## X Setting the Flash Trigger

### • Modeling Lamp Settings

1. Long press the <MENU> button to control the ON/OFF of the modeling lamp.



## X Setting the Flash Trigger

### • ZOOM Value Settings

Short press the <MENU> button to enter the ZOOM menu. Short press the <SET> button and turn the select dial, and the ZOOM value will change from AUTO/24 to 200. Choose the desired value and back to the main menu.

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



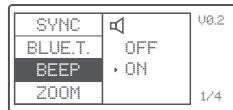
### • Shutter Sync Settings

1. High-speed sync: short press the <MENU> button to enter the SYNC menu. Choose high-speed sync icon and is displayed on the LCD panel.
2. Second-curtain sync: short press the <MENU> button to enter the SYNC menu. Choose second-curtain sync icon and is displayed on the LCD panel.



### • 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

### • Sync Socket Settings

1. 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 X2TC to trigger flash.
- 1.2 When choosing OUT, this sync socket will send trigger signals to trigger other remote control and flash.

SCAN		U0.2
CH	• IN	
ID	OUT	
PC SYNC		2/4

## X Setting the Flash Trigger

### • 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).

DELAY		U0.2
SHOOT	• 1	
DIST	3	
STEP	APP	3/4

## 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	
SYNC	Shutter sync setting		Front curtain	
			High speed	
			Second curtain	
BLUE.T.	Bluetooth status setting	OFF	Off	
		ON	On	
BEEP	Beeper	ON	On	
		OFF	Off	
ZOOM	ZOOM setting	24	AUTO/24-200	
SCAN	Scan the spare channel	OFF	Off	
		START	Start to find the spare channel	
CH	Wireless	01	01-32	
ID	Channel setting	OFF	Off	
	Wireless ID	01-99	Choose any figure from 01-99 (the old version flashes cannot use this function temporarily)	
PC SYNC	Sync cord jack	IN	Trigger X2TC to fire flash	
		OUT	Output signal to trigger other remote control and flash	
DELAY	Delay setting	OFF	Off	
		0.1ms-9.9ms	Set the firing delay in high-speed sync	
SHOOT		One-shoot	Only send triggering signals in the M & Multi mode when camera is shooting	
			All-shoot	Send parameters and triggering signal when camera is shooting(suitable for multi person photography)
		APP	APP	Only send triggering signal when camera is shooting (control the flash's parameters by smartphone APP)
DIST	Triggering distance	0-30m	0-30m triggering	
		1-100m	1-100m triggering	

## Setting the Flash Trigger

Custom Function	Function	Setting Signs	Settings and Description
STEP	Power output value	1/128(0.3)	The minimum output is 1/128(change in 0.3 step)
		1/256(0.3)	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)
		3.0(0.1)	The minimum output is 3.0(change in 0.1 step)
GROUP	Group	2.0(0.1)	The minimum output is 2.0(change in 0.1 step)
		5 (A-E)	5 groups(A-E)
GROUP	Group	3 (A-C)	3 groups(A-C)
		60sec	60 seconds
STBY	Sleep	30min	30 minutes
		60min	60 minutes
		OFF	--
		12sec	Auto off in 12 seconds
LIGHT	Backlighting time	OFF	Always off
		ON	Always lighting
		-3+3	The contrast ration can be set as integral number from -3 to +3
LCD	Contrast ratio of LCD panel	-3+3	The contrast ration can be set as integral number from -3 to +3



## X Compatible Flash Models

















### • Compatible Flash Models

Transmitter	Receiver	Flash	Note
X2TC	--	AD600 series/AD400 series AD360II series/AD200/V860II series V850II/V350C/TT685 series TT600/TT350C/QuickerII series QTII/SK II series/DP II series/GSII	
	X1R-C	600EX-RT/580EXII/580EX/430EXII V860C	As there are so many camera flashes in the market which are compatible with Canon 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/ GT/GS series/Smart flash series	Can only be triggered
XTR-16S	V860C V850		

**Note:** The range of support functions: the functions that are both owned by X2TC and flash.

## X Compatible Flash Models

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

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

## X Compatible Camera Models

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

1Dx Mark II	1Dx	5Ds/5DsR	5DIV	5D Mark III	5D Mark II	5D
7D Mark II	7D	6D	80D	70D	60D	50D
6D MarkII	77D	800D	40D	30D	750D/760D	700D
650D	600D	550D	500D	450D	400D Digital	350D DIGITAL
100D	1200D	1000D	1100D	M5	M3	EOS R
M50						

1. This table only lists the tested camera models, not all Canon EOS 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	X2TC
Compatible cameras	Canon EOS cameras (E-TTL II autoflash) Support for the cameras that have PC sync socket.
Power supply	2*AA batteries
<b>Flash Exposure Control</b>	
TTL autoflash	E-TTL II
Manual flash	Yes
Stroboscopic flash	Yes
<b>Function</b>	
High-speed sync	Yes
Flash exposure compensation	Yes, $\pm 3$ stops in 1/3 stop increments
Flash exposure lock	Yes
Focus assist	Yes
Modeling lamp	Yes
Beeper	Yes
Wireless shutter	Control the beeper by the flash trigger The receiver end can control the camera shooting through the 3.5mm sync cord jack
ZOOM setting	Adjust the ZOOM value by the transmitter
TCM function	Transform the TTL shooting value into the output value in the M mode
Firmware upgrade	Upgrade through the Type-C USB port
Memory function	Settings will be stored 2 seconds after last operation and recover after a restart

## Technical Data

Model	X2TC
<b>Wireless Flash</b>	
Transmission range (approx.)	0-100m
Built-in wireless	2.4G
Modulation mode	MSK
Channel	32
Wireless ID	01-99
Group	5
<b>Other</b>	
Display	Large LCD panel, backlighting ON or OFF
Dimension/Weight	72x70x58mm/90g
2.4G Wireless Frequency Range	2412.99MHz-2464.52MHz

### • Restore Factory Settings

Hold the MODE button and power the flash trigger on, and all the parameters will restore the factory settings.

### • Firmware Upgrade

This flash trigger supports firmware upgrade through the Type-C USB 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 G3 software, please download and install the "Godox G3 firmware upgrade software" before upgrading. Then, choose the related firmware file.

## X 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.

### 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 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).
3. **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).

## X 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.

## X 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.

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.