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705-Xt1600-00

Made In China

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_XT16_Series_DOC.pdf.

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

Warning

Operating frequency: 2412.99MHz – 2464.49MHz

Maximum EIRP Power: 3.46dBm



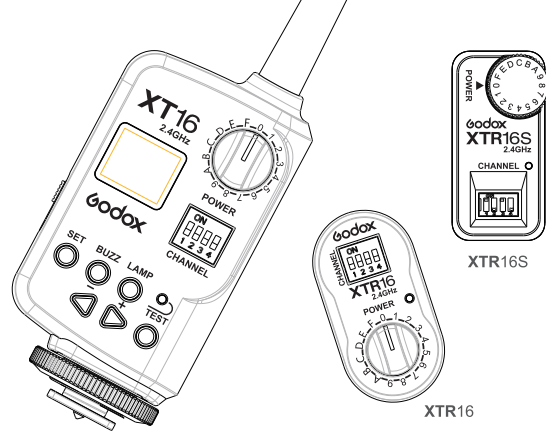
Godox 神牛

闪光灯功率遥控触发器
Wireless Power-Control Flash Trigger

XT16 / XT16S

Instruction manual | 说明手册

Chinese English Bilingual | 中英文双语



前言

感谢您购买闪光灯功率遥控触发器XT系列。

XT系列遥控器由发射器和接收器组合，除了基本的闪光灯引闪功能外，还可以远程控制我司生产的闪光灯（配备无线控制插座）的功率、造型灯或辅助对焦灯的开/关、蜂鸣器开/关等。XT系列遥控器内置2.4GHz无线传输，采用神牛无线X系统，适用范围广泛。

- 机身
- 电池
- 电源开关
- 遥控系统转换
- 频道选择开关
- 功率选择开关
- 按键定义

使用遥控器

- 控制闪光灯参数
- 控制闪光灯引闪

产品参数

故障排除指南

保养事项

目录

前言

警告







部件

警告

为防止损坏您的相机，或避免您或他人受伤，在使用本设备前请仔细阅读下面的安全须知，并妥善保管以便所有本产品使用者可随时参阅。

请遵守本节中所列举的各项预防措施，否则可能对产品造成损害。

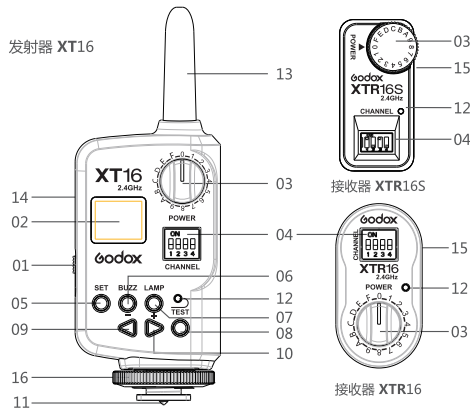
以下标记表示警告，提醒您应该在使用本产品前阅读这些信息，以防止可能发生的损害。

-  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。

发射器 XT16



部件

机身

- 01.电源开关
ON 打开电源
OFF 关闭电源
- 02.LCD显示屏
- 03.功率选择开关(POWER)
- 04.频道选择开关(CHANNEL)
- 05.设置按键(SET)
- 06.蜂鸣按键(BUZZ)
- 07.造型灯/对焦灯按键(LAMP)
- 08.试闪按键(TEST)
- 09.< - >按键
- 10.< + >按键
- 11.热靴
- 12.指示灯
- 13.天线
- 14.电池仓
- 15.无线控制插头

电池

滑开发射器背面的电池盒盖装入2节AA电池(另行购置)。接收器无电池, 通过闪光灯的无线控制插座供电。

⚠ 低电池电量指示
电池电量较低时(2节电池<2.2V), LCD液晶屏会显示🔋, 请更换电池。否则在距离较远时会出现漏闪或不闪现象。

电源开关

把发射器电源开关拨至“ON”即打开电源, 此时LCD显示屏亮起。

⚠ 长时间不使用时请关闭电源, 以免耗电!

遥控系统转换

此遥控器有3种功率显示模式:

1. 机顶灯模式：功率显示1/128~1/1。
 2. 影室闪光灯系统1：功率显示5.0~10。
 3. 影室闪光灯系统2：功率显示1.0~7.0。
- 通过按住设置按键（SET）2秒，可进行切换。

频道选择开关

该遥控器共16个频道，使用前请务必将发射器与接收器置于相同频道。频道设置见以下表格内容：

通道数	1	2	3	4	5	6	7	8
S1	0	1	0	1	0	1	0	1
S2	0	0	1	1	0	0	1	1
S3	0	0	0	0	1	1	1	1
S4	0	0	0	0	0	0	0	0

通道数	9	10	11	12	13	14	15	16
S1	0	1	0	1	0	1	0	1
S2	0	0	1	1	0	0	1	1
S3	0	0	0	0	1	1	1	1
S4	1	1	1	1	1	1	1	1

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

注意：X1系列发射器与XT系列接收器混合使用时，请把发射器调整至M模式。XTR-16无法处理X1系列发射器在TTL与Multi模式下发送的参数。

在远程控制时，发射器与接收器频道开关必须相同，否则接收器不会响应。

功率选择开关

发射器和接收器都有一个16档位的功率选择开关。通过这16个档位，您可以分别控制最多16个组别的闪光灯（配备无线控制插座）功率、造型灯或对焦灯开关、蜂鸣器开关，及同步触发引闪等。在几只灯（或一只灯）上各安装接收器，并把各接收器的功率选择开关设置为同一档位，作为一个闪光组别。同时把发射器安装在相机上或拿在手上，并设置为该档位。设置好后就可以对闪光灯进行以上功能的远程控制。

1. 发射器与接收器上的功率选择开关档位必须相同，否则接收器不会响应。
2. 触发闪光灯引闪只跟“频道选择开关”有关系，与“功率选择开关”无关。

按键定义

1. 设置按键（**SET**）
短按，表示发射当前功率档位的工作状态（功率，造型灯，蜂鸣器）； 会在LCD液晶屏上短暂显示。
长按，可进行遥控系统切换。
2. 蜂鸣按键（**BUZZ**）
控制蜂鸣器的开与关。打开蜂鸣器时， 会显示在LCD液晶屏上。
3. 造型灯/对焦灯按键（**LAMP**）
控制造型灯（或者对焦灯）的开与关。打开造型灯或对焦灯时， 会显示在LCD液晶屏上。
4. < - > < + > 按键
下调与上调功率。功率调节范围：影室闪光灯系统“OF，5.0~10”或“OF，1.0~7.0”，机顶灯系统“OF，1/128~1/1

”，其中“OF”表示禁止闪光灯引闪。

同时按下“-”和“+”按键，液晶屏显示“OF”，可快速禁止当前组别的闪光灯引闪。

5. 试闪按键 (TEST)

按下按键，引闪闪光灯，发射器与接收器指示灯同时闪亮。

使用遥控器

远程控制闪光灯参数

(功率大小、造型灯或对焦灯开/关、蜂鸣器开/关、遥控系统转换)

1. 发射器与接收器的“频道选择开关”与“功率选择开关”必须一致。
2. 接收器插入闪光灯的“无线控制插座”，打开闪光灯电源。
3. 此时可控制发射器来调整闪光灯参数。

远程控制闪光灯引闪

1. 发射器与接收器的“频道选择开关”必须一致。
2. 接收器插入闪光灯的“无线控制插座”，打开闪光灯电源。
3. 按TEST按键可引闪；也可连接相机通过热靴引闪。

XTR16S装卸

安装



正确安装



错误安装

拆卸



产品参数

产品型号	XT16	XT16S
发射器电源	3V (2*AA电池)	
接收器电源	5V (闪光灯供电)	
传输频率	2.4GHZ 无线传输	
遥控距离	大于100米 (开阔区域)	
闪光灯控制	闪光功率	
	造型灯或对焦灯	
	蜂鸣器	
	遥控系统转换	
引闪		
最大同步速度	1/250秒	
频道选择	16个	

发射器尺寸	97.6*49.9*36.95mm	
重量	1套：约80g(不带电池)	1套：约70g(不带电池)
	单接收器：约20g	单接收器：约10g
接收器尺寸	57*30*26.5mm	55*27*9mm

型号	内含	适用闪光灯	适用相机
XT16	发射器 接收器XTR16	神牛威客，闪客，闪客D， 双子GT，双子GS，DE， DP，无线功控外拍灯等 系列闪光灯	佳能、尼康、 宾得、奥林巴 斯等常见品牌 相机。
XT16S	发射器 接收器XTR16S	神牛逸客系列	

故障排除指南

1. 如不能正确引闪或拍摄，请检查电池是否正确安装以及遥控器电源是否打开；发射器和接收器是否设置为同一频道；热靴口是否已正确牢固连接到位。
2. 如您的遥控器受到他人干扰而影响引闪或拍摄，改变遥控器的频道设置即可。
3. 如您发现触发距离有限或者出现漏闪，请检查电池是否耗尽，请尝试更换电池。

保养事项

避免跌落：如果受到强烈碰撞或振动，遥控器可能会发生故障。

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可能会发生故障。如果内部部件生锈，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）可能会使遥控器内部结露。为防止温度突变引起结露，请事先将遥控器装入手提袋或塑料包内。

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。

Foreword

Thanks for purchasing a Godox product.

The wireless power-control flash trigger is designed for versatile use. When used on Godox flashes (with wireless control port), it is not only a flash trigger, but also incorporates multiple functions, such as, adjusting power ratio, controlling the on-or-off of the buzzer and the modeling lamp or the AF-assist beam. The trigger set consists of a transmitter (on-camera) and a receiver (on-flash). XT series remote control adopt Godox wireless X system to get a wide range of applications.

Contents

Foreword

Warning

Parts

- Body
- Battery
- Power Switch
- Power-Ratio Display Mode
- Channel Select Switch
- Power-Control Group Selection
- Other Buttons

Using the Trigger







- Adjusting Flash Settings
- Wireless Triggering

Technical Data

Troubleshooting

Maintenance

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.

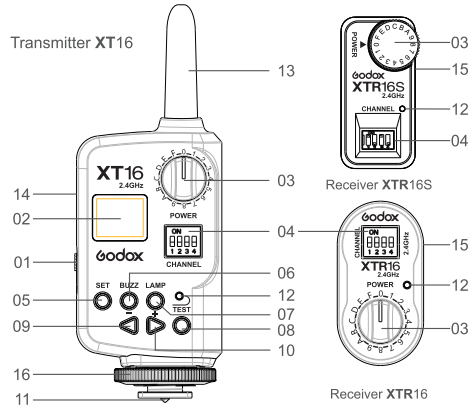
Parts

Body

- 01. ON/OFF Switch
Power on (ON)

- Power off (OFF)
- 02. LCD display
- 03. Power-Control Group Select Dial (POWER)
- 04. Channel Select Switch (CHANNEL)
- 05. Set Button (SET)
- 06. Buzz Switch (BUZZ)
- 07. Modeling Lamp Switch (LAMP)
AF-assist Beam Switch
- 08. Test Button (TEST)
- 09. <-> Button
- 10. <+> Button
- 11. Hot shoe
- 12. Indicator
- 13. Antenna
- 14. Battery Compartment
- 15. Wireless Control Plug

Transmitter XT16



Battery

The transmitter needs two size-AA batteries (not provided). The receiver draws power from a flash through the flash's Wireless Control Port. Slide the battery compartment cover of the transmitter and insert the batteries.



Low Battery Indication

When the battery power (<2.2V) gets low, is shown on the LCD display. Please change batteries as low battery power leads to no flash or flash missing in case of long distance.

Power Switch

Turn the transmitter on by sliding the ON/OFF Switch to ON. The LCD display will then light up.



Turn the transmitter off to save power if it will not be used for an extended period.

Power-Ratio Display Mode

The trigger set has 3 modes to display a flash's power ratio.

1. **1/128~1/1**: widely adopted in most shoe mount flashes.
2. **5.0~10**: adopted in some studio flashes.
3. **1.0~7.0**: adopted in some studio flashes

The 3 display modes can be switched over by pressing the Set Button and holding for 2s.

Channel Select Switch

The trigger set provides 16 channels for communication. Set the transmitter and the receiver to the same channel before use. Check the following table for channel settings:

Channel	9	10	11	12	13	14	15	16
S1	0	1	0	1	0	1	0	1
S2	0	0	1	1	0	0	1	1
S3	0	0	0	0	1	1	1	1
S4	0	0	0	0	0	0	0	0

Channel	9	10	11	12	13	14	15	16
S1	0	1	0	1	0	1	0	1
S2	0	0	1	1	0	0	1	1
S3	0	0	0	0	1	1	1	1
S4	1	1	1	1	1	1	1	1

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

Note: When use X1 series transmitter in combination with XT series receiver, please set the transmitter to M mode. XTR-16 cannot receive the parameters that emitted by the transmitter in TTL and M mode.



The transmitter and the receiver must be set to the same channel for wireless control. Otherwise, the receiver does not respond.

Power-Control Group Selection

Both the transmitter and the receiver have a 16-grade Power-Control Group Select Dial (hereinafter referred to as Dial). With these 16 grades, you can wireless control at most 16 flash groups in terms of the following functions: adjusting the power ratios and turning on/off the buzzer and the modeling lamp or the AF-assist beam, as well as flash triggering.


Attach the receiver(s) on multiple flashes/one flash and set the Dial of each receiver to the same grade. This is a flash group. Then attach the transmitter on the camera's hotshoe or hold it in hand, and set the Dial to the same grade as that of receiver(s). After settings, the flashes will be under your command.




1. The Dial of the transmitter and the receiver must be set to the same grade. Otherwise, the receiver does not respond.
2. Flash triggering is only related with Channel Select Switch. The Power-Control Group Select Dial only decides which flash or flash group to be controlled in terms of functions such as power setting.

Other Buttons


1. Set Button (**SET**)

Press the Set button and settings on the transmitter will be communicated with the flash through the receiver.  Will blink for sec. on the LCD display.
Press and hold the Set button for 2 sec. to switch the power-ratio display mode.

2. Buzz Switch (**BUZZ**)

Press the Buzz Switch to turn the buzzer on or off. When the buzzer is turned on,  will be shown on the LCD display.

3. Modeling Lamp Switch / AF-Assist Beam Switch (**LAMP**)

Press the switch to turn the modeling lamp or AF-assist beam on or off. When the lamp or beam is turned on,  will be shown on the LCD display.

4. <-><+> Button

Press the <-> or <+> button to decrease or increase the power ratio. The power range is "OF, 5.0~10" or "OF, 1.0~7.0" for studio flashes and "OF, 1/128~1/1" for shoe mount flashes. "OF" means the flash triggering function is shut down on the flash.

To disable the flash triggering of a flash group, press " - " and "+" buttons at the same time, with the panel displaying "OF".

5. Test Button (**TEST**)

Press Test Button to fire the flash. Both the indicators on the transmitter and the receiver will blink.

Using the Trigger Set

■ Wireless Adjusting Flash Settings

The trigger set can wireless adjust the following settings: the flash power ratio, the on-or-off of the buzzer and the modeling lamp or the AF-assist beam, as well as the power-ratio display mode.

1. On the transmitter and the receiver, set the Channel Select Switch to the same position and the Power-Control Group Select Dial to the same grade.
2. Insert the receiver into the Wireless Control Port of the flash unit. Then power the flash on.
3. Adjust the flash settings on your transmitter.

■ Wireless Triggering the Flash

1. On the transmitter and the receiver, set the Channel Select Switch to the same position.
2. Insert the receiver into the Wireless Control Port of the flash unit. Then power the flash on.

3. Press the Test Button to fire a flash. Alternatively, you can set the transmitter onto the camera's hot shoe and press the camera's shutter-release button to fire a flash.

Connect/Disconnect XTR16S

Connection



Proper



Improper

Disconnection Way



Technical Data

Model	XT16	XT16S
Transmitter Power Supply	3V (2*AA Ni-MH or alkaline batteries)	
Receiver Power Supply	5V (powered by flashes)	
Transmit Frequency	2.4GHz wireless remote system	
Workable Distance	Over 100m / 328ft (open areas)	
Control on Flashes	Flash power ratio	
	Modeling lamp or AF-assist beam on/off	
	Buzzer on/off	
	Power-ratio display mode	
Flash triggering		
Max. Sync. Speed	1/250 second	
Channel	16	

Transmitter Dimension	97.6*49.9*36.95mm	
Net Weight	A set: approx. 80g	A set: approx. 70g
	Only receiver: 20g	Only receiver: 10g
Receiver Dimension	57*30*26.5mm	55*27*9mm

Model	Includes	Fit flashes	Fit cameras
XT16	Transmitter Receiver XTR16	Godox Witstro outdoor flash, Quicker, Quicker D, QT, QS, Gemini GT, Gemini GS, DE, and DP series studio flashes.	Canon, Nikon, Pentax, Olympus, etc.
XT16S	Transmitter Receiver XTR16S	Godox Ving camera flash	

Troubleshooting

- Unable to trigger a flash by pressing Test Button or the camera's shutter-release button.
 - Make sure batteries are installed properly and the trigger set is powered on.
 - Check if the transmitter and the receiver are set to the same channel. If not, set to the same position.
 - Check if the trigger set is securely seated into the camera's hot shoe.
- Signal disturbance or shooting interference.
 - Change a different channel on the trigger set.
- Short workable distance or flash missing.
 - Check if batteries are exhausted. If so, replace with new batteries.

Maintenance

- Avoid sudden drops.** The device may malfunction after strong shocks or impacts.
- Keep dry.** The device is not water-proof. Malfunction, rust, and corrosion may occur and the device may go beyond repair if immersed in water or expose to high humidity.
- Avoid sudden temperature changes.** Condensation may happen if the ambient temperature changes suddenly, for example, in a case when the trigger set is taken out of a build with a high temperature to outside in winter. Please put the trigger set in a handbag or plastic bag beforehand.
- Keep away from strong magnetic field.** The strong static or magnetic field produced by devices such as ratio transmitters leads to malfunction.