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Made In China



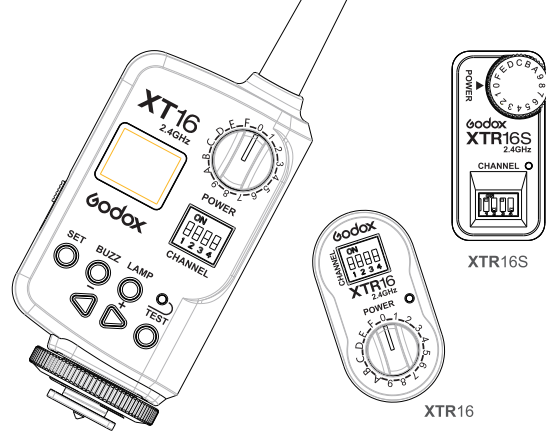
**Godox 神牛**

**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



## 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.

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## 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.

## Parts

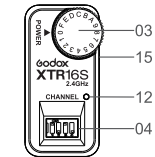
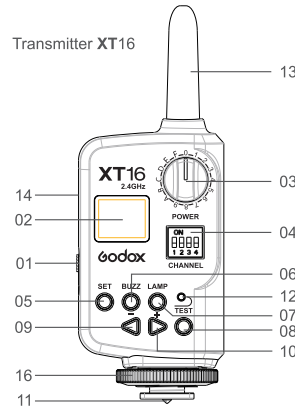
### Body

01. ON/OFF Switch  
Power on (ON)

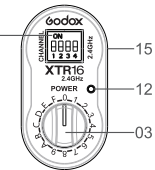
Power off (OFF)

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**



Receiver **XTR16S**



Receiver **XTR16**

### 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<br>(Code Switch) |      |      |      |      |      |      |      |      |
| X1<br>(Display Screen) | CH01 | CH02 | CH03 | CH04 | CH05 | CH06 | CH07 | CH08 |
| XT-16<br>(Code Switch) |      |      |      |      |      |      |      |      |
| X1<br>(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<br>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<br>Receiver XTR16S | Godox Ving camera flash                                                                                          |                                     |

## Troubleshooting

1. 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.
2. Signal disturbance or shooting interference.
  - Change a different channel on the trigger set.
3. Short workable distance or flash missing.
  - Check if batteries are exhausted. If so, replace with new batteries.

## Maintenance

1. **Avoid sudden drops.** The device may malfunction after strong shocks or impacts.
2. **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.
3. **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.
4. **Keep away from strong magnetic field.** The strong static or magnetic field produced by devices such as ratio transmitters leads to malfunction.