Godox 闪灯功率遥控触发器

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-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 exceeds 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
02. Power off (OFF)
03. LCD display
04. Power-Control Group Select Dial (POWER)
05. Channel Select Switch (CHANNEL)
06. Set Button (SET)
07. Data Switch (DATA)
08. Modeling Lamp Switch (LAMP)
09. AF-assist Beam Switch
10. Test Button (TEST)
11. 0.0< Button
12. 0.1< Button
13. Hot shoe
14. Indicator
15. Antenna
16. Battery Compartment
17. Wireless Control Plug
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 is 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. 1/256:1 TTL: widely adopted in meat show mount flashes. 2. 16:16: adopted in some studio flashes. 3. 1.0~6.7: 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 table below shows the 9 (code switches) and 16 channel selection switch (X1). To change the channel, turn the switch to the corresponding setting. Each channel can be used independently.

<table>
<thead>
<tr>
<th>Channel</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
<th>16</th>
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<tbody>
<tr>
<td>S1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>S2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>S3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>S4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

The relationship of XT wireless system and X1 wireless system:

XT-16 (Code Switch):
S1 | S2 | S3 | S4
---|----|----|----
CH01 | CH02 | CH03 | CH04 | CH05 | CH06 | CH07 | CH08

XT-16 (Switch Switch):
S1 | S2 | S3 | S4
---|----|----|----
CH01 | CH02 | CH03 | CH04 | CH05 | CH06 | CH07 | CH08

Note: When use X1 series transmitter in combination with X7 series receiver, please set the transmitter to M mode. XTR H6 cannot receive the parameters that entity the transmitter in TTL and M mode.

Power-Control Group Selection
Both the transmitter and the receiver have a 16-grade Power-Control Group Select (usually referred to as Dial). With these 16 grades, you can control the output 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 every receiver to the same grade. This is a flash group. Then attach the transmitter on the camera's hot shoe or hold it in hand, and set the Dial to the same grade as that of recei ver(s). After settings, the flashes will be under your command.
Using the Trigger Set

- **Wireless Adjusting Flash Settings**
  The trigger set can wirelessly adjust the following settings: flash power ratio, on-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 wireless 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.

Connect/Disconnect XTR16S

- **Connection**
  - Proper
  - Improper

Technical Data
### Model

<table>
<thead>
<tr>
<th></th>
<th>XT16</th>
<th>XT16S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmitter Power Supply</td>
<td>3V (2xAA Ni-MH or alkaline batteries)</td>
<td></td>
</tr>
<tr>
<td>Receiver Power Supply</td>
<td>5V (powered by flash unit)</td>
<td></td>
</tr>
<tr>
<td>Transmitter Frequency</td>
<td>2.4GHz wireless remote system</td>
<td></td>
</tr>
<tr>
<td>Workable Distance</td>
<td>Over 10km / 33W (open areas)</td>
<td></td>
</tr>
</tbody>
</table>

#### Transmitter Dimension

<table>
<thead>
<tr>
<th></th>
<th>57 x 85 x 36.5 mm</th>
</tr>
</thead>
</table>

#### Weight

<table>
<thead>
<tr>
<th></th>
<th>A set: approx. 65g</th>
<th>A set: approx. 70g</th>
</tr>
</thead>
</table>

|                | Only receiver: 20g | Only receiver: 15g |         |

#### Receiver Dimension

<table>
<thead>
<tr>
<th></th>
<th>57 x 26 x 25.8 mm</th>
</tr>
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</table>

### Control on Flash

<table>
<thead>
<tr>
<th></th>
<th>XT16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash power ratio</td>
<td></td>
</tr>
<tr>
<td>Modeling lamp or AF-assist beam</td>
<td>off</td>
</tr>
<tr>
<td>Shutter on/off</td>
<td></td>
</tr>
<tr>
<td>Power-mode display mode</td>
<td></td>
</tr>
<tr>
<td>Flash triggering</td>
<td>1/250 second</td>
</tr>
</tbody>
</table>

### Max. Sync. Speed

|                | 16 |

### 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 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

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 can occur and the device may go beyond repair if immersed in water or exposed 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 radio transmitters may lead to malfunction.

### List of Flashes

#### XT16

- Godox White outdoor flash
- Quakier, Quaker D, QT, QS, Gemini GT
- Godox X1 series flash units

#### XT16S

- Godox Ving camera flash

### List of Cameras

- Canon, Nikon, Pentax, Olympus, etc.