



# Studio Flash Trigger

## AT Series

Instruction Manual



### Foreword

Thank you for purchasing AT Series Studio Flash Trigger. The device is composed of two parts, namely signal transmitter and receiver. It is a control discreteness for camera to trigger studio flashlight synchronously.

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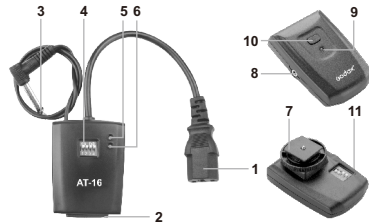
### Warning

- 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°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.

### Names of Parts

#### Body



#### Receiver

- AC Output Pin
- AC Input Jack
- Trigger Output Pin
- Channel Code Switch (subject to different model, unavailable for AT-01)
- Receiving Signal LED Indicator
- Power LED Indicator

#### Transmitter

- Hot Shoe Fitting
- PC Cord Jack
- Transmitting Signal LED Indicator
- Test Button
- Channel Code Switch (subject to different model, unavailable for AT-01)

#### Accessories

- Convert Adapter
- Instruction Manual



#### Battery

The transmitter is equipped with a 23A 12V lithium-ion battery which can normally be used for over ten thousand times.

To replace the battery, loosen the screw on the back to open. The screw may be covered by a QC sticker.

#### Channel Settings

There are 16 channels in this device. Set the transmitter and receiver on the same channel before use. Check the table for channel setting as below:

Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
S1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
S2	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
S3	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
S4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

### Instructions for Use

#### Function Introduction

AT Series Studio Flash Trigger is based on a wireless remote system. The transmitter is equipped with an advanced electric circuit. It has sleepy function, thus very low power consumption is needed. The receiver is used with alternating current, and it achieves quick response under the advanced MCU control. It can meet the need of sync flash for any different shutter camera.

#### Connection

- Unplug the AC Power Pin from the strobe and insert it into the AC Input Jack (2).
- Insert AC Output Pin (1) into the Power Input Jack of the strobe.
- Insert the Trigger Output (3) into the sync cord Jack of the strobe.
- Connect the AC power supply and the power LED indicator (6) will turn green.



#### Operation

- Set the transmitter and receiver in the same channel position.
- Press down the Testing Button (10), and the Trigger Signal LED Indicator (5) will turn red and simultaneously the strobe will flash to work.
- Insert the Hot Shoe (7) into the camera hot shoe mount for normal use. (It varies in cameras)
- If the camera has no hot shoe jack, insert one end of the PC Cord into PC Cord Jack (8) and the other end into the synchronous jack of the camera.



### Attentions

- Unable to trigger flash or camera shutter. Make sure the transmitter and receiver are set to the same channel, and the PC cord or the hot shoe mount is completely connected.
- Signal disturbance or shooting interference. Change different channel on the device.
- Operating distance limited or flash missing. Check if the battery is exhausted. Try to change the battery.
- Keep away from strong magnetic field. The strong static or magnetic field produced by devices such as radio transmitter leads to malfunction.

### Maintenance

- Avoid falling**  
The device may malfunction after strong shocks or under excess stress.
- Keep dry**  
The production isn't water-proof. It will lead to malfunction if soaked in water or exposed to high humidity, which cause malfunction and rust, corrosion.
- Avoid sudden temperature changes**  
such as the circumstance when taking the remote control out of a building with higher temperature to outside in winter. This may lead to condensation of moisture. Please put the remote control in handbag or plastic bag to prevent sudden temperature changes.

### Technical Data

Model	AT-01	AT-02	AT-04	AT-16
Channel	1	2	4	16
Transmit frequency	433MHz wireless remote system			
Transmitter power	12V 23A lithium-ion battery			
Receiver power	AC:100-240V; 50/60Hz			
PC cord jack	Φ6.35mm / Φ3.5mm			
Outdoor operation distance	≤30 m (Open space)			
Indoor operation distance	≤20 m (Open space)			
Sync speed	1/200 sec			
Transmitter Size &Weight	60*42*30mm/40g			
Receiver Size & Weight	72*56*37mm/90g			

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