Thank you for purchasing AT Series Studio Flash Trigger.

### Foreword

The device is composed of two parts, namely signal transmitter and receiver. It is a control discreteness for camera to trigger studio flashlight synchronously.

### Contents

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### Warning

- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- 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 battery.
- Read and follow all warnings and instructions provided by the manufacturer.
- Do not attempt to insert batteries upside down or backwards.
- Use only batteries listed in this manual. Do not use old and new batteries or batteries of different types at the same time.
- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- Do not attempt to insert batteries upside down or backwards.
- Batteries must be sent to an authorized maintenance center. Do not use old and new batteries or batteries of different types at the same time.
- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.

### Names of Parts

- **Body**
  - AC Input Jack (2)
  - AC Output Pin (1)
  - Transmitting Signal Fitting (8)
  - PC Cord Jack (7)
  - Hot Shoe Fitting (6)
  - Channel Code Switch (11)
  - Power LED Indicator (6)

- **Transmitter**
  - Trigger Output Pin (3)
  - Transmitting Signal Fitting (8)
  - Transmitting Signal LED Indicator (10)
  - Transmitting Signal LED Indicator (11)
  - Battery (subject to different model, unavailable for AT-01)

- **Receiver**
  - Transmitting Signal LED Indicator (10)
  - Transmitting Signal LED Indicator (11)
  - Battery (subject to different model, unavailable for AT-01)

### 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 alternated with current alternating, and it achieves quick response under the advanced MCU control. It can meet the need of sync flash for any different shutter camera.

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

- **Operation**
  - 1. Set the transmitter and receiver in the same channel position.
  - 2. Press down the Testing Button (10), and the Trigger Signal LED Indicator (11) will turn red and simultaneously the strobe will flash to work.
  - 3. Insert the Hot Shoe (7) into the camera hot shoe mount for normal use.
  - 4. If the camera has no hot shoe jack, insert one end of the PC Cord jack (8) and the other end into the synchronous jack of the camera.

### Technical Data

<table>
<thead>
<tr>
<th>Model</th>
<th>AT-D1</th>
<th>AT-D2</th>
<th>AT-D4</th>
<th>AT-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channel</td>
<td>12V 23A lithium-ion battery</td>
<td>433MHz wireless remote system</td>
<td>AC: 100-240V, 50/60Hz</td>
<td>PC cord jack</td>
</tr>
<tr>
<td>Transmit frequency</td>
<td>433MHz wireless remote system</td>
<td>12V 23A lithium-ion battery</td>
<td>AC: 100-240V, 50/60Hz</td>
<td>9.5/3.5mm</td>
</tr>
<tr>
<td>Transmitter power</td>
<td>35mm/90g</td>
<td>30m (Open space)</td>
<td>≤30 m (Open space)</td>
<td>≤20 m (Open space)</td>
</tr>
<tr>
<td>Receiver power</td>
<td>2</td>
<td>60/50W</td>
<td>≤20 m (Open space)</td>
<td>≤20 m (Open space)</td>
</tr>
<tr>
<td>PC cord jack</td>
<td>433MHz wireless remote system</td>
<td>12V 23A lithium-ion battery</td>
<td>AC: 100-240V, 50/60Hz</td>
<td>PC cord jack</td>
</tr>
<tr>
<td>Outdoor operation distance</td>
<td>30m (Open space)</td>
<td>30m (Open space)</td>
<td>≤20 m (Open space)</td>
<td>≤20 m (Open space)</td>
</tr>
<tr>
<td>Indoor operation distance</td>
<td>1200 sec</td>
<td>1200 sec</td>
<td>1200 sec</td>
<td>1200 sec</td>
</tr>
<tr>
<td>Sync speed</td>
<td>433MHz wireless remote system</td>
<td>12V 23A lithium-ion battery</td>
<td>AC: 100-240V, 50/60Hz</td>
<td>PC cord jack</td>
</tr>
<tr>
<td>Transmitter Size &amp; Weight</td>
<td>60<em>47</em>30mm/40g</td>
<td>30mm/90g</td>
<td>30mm/90g</td>
<td>30mm/90g</td>
</tr>
</tbody>
</table>

### 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 hard plastic bag to prevent sudden temperature changes.