



Camera Flash Trigger

CT-16 Instruction Manual



Foreword

Thank you for purchasing CT-16 Series Camera Flash Trigger. It is a control discreteness for camera to trigger camera flash synchronously. The device is composed of two parts, namely signal transmitter and receiver.

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

- Sync Cord Jack
- Receiving Indicator Lamp
- Power Switch
- Channel Code Switch
- Umbrella Input
- Hot Shoe Flash Connection
- Battery compartment
- Hot Shoe Mounting Foot
- 1/4" Bracket Mounting Hole

Transmitter



- Test Button
- Channel Code Switch
- Camera Hot Shoe
- Sync Cord Jack
- Transmitter Indicator Lamp

Accessories

- Sync Cable
- Convert Adapter
- Instruction Manual



Battery and Battery Installation

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

Receiver: Slide the battery-chamber cover from the back of the receiver and insert two AAA 1.5V alkaline batteries (available separately).

Low Battery Indicator:

LED indicator on receiver will blink fast when the batteries are low. Please change batteries before they run down in case of flash failure or flash missing.

Replacing Batteries:

- Turn the camera off and disconnect the receiver
- Remove the batteries with new ones



When the device is not in use:

- The transmitter consumes little power and can last over three years when it is in spare without any operation.
- The receiver is equipped with a power on/off switch. To reduce the drain on the batteries when the device is not in use, please slide the power to **OFF** position.

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	1	1	1	1	1
S4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

Instructions for Use

Instructions for Use

CT-16 Series Camera 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

Mount the camera flash to Hot Shoe Flash Connection (6) of the receiver.
Turn on the Power Switch (3)



Operation

- Set the transmitter and receiver in the same channel position.



Technical Data

Model	CT-16
Chanel	16
Transmit frequency	433MHz wireless remote system
Transmitter power	12V 23A Aithium-ion battery
Receiver power	3V (AAA *)
Sync socket	Φ6.35mm /Φ3.5mm
Outdoor operation distance	≤30 m (Open space)
Indoor operation distance	≤20m (Open space)
Sync speed	1/250 sec
Transmitter Dimension	60*42*30mm
Receiver Dimension	90*50*32mm

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 in 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.

