



Godox RT Series Studio Flash Trigger Instruction Manual

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Foreword

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

For Your Safety

To prevent damage to the product or injury to you or to others, read the following safety precautions in their entirety before using this equipment. Keep these safety instructions where users can read them for ready reference.



Do not disassemble or modify

Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, remove the batteries and take the product to authorized maintenance center for inspection.



Keep dry

Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.



Keep out of the reach of children

This device contains small parts that may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.



Do not expose to high temperature

Do not leave the device in a closed vehicle under the sun or in other areas subject to extremely high temperature. Failure to observe this precaution could result in fire or damage to the casing or internal parts.

Names of Parts

Body



Receiver

1. Trigger Output Plug

2. Receiving Indicator Lamp
3. Power Switch
4. Channel Code Switch (subject to different model, unavailable for AT-01)

Transmitter

5. Test Button
6. Channel Code Switch (subject to different model, unavailable for AT-01)
7. Camera Hot Shoe
8. Sync Cord Jack
9. Transmitter Indicator Lamp

Accessories



1. Convert Adapter
2. Instruction Manual

Batteries and Installation

Transmitter: Slide the battery-chamber cover from the back of the transmitter and insert one 12V/23A battery (provided by manufacturer)

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

When replacing batteries on transmitter or receiver

1. Turn the camera off and disconnect the receiver
2. Remove the batteries with new ones



When the device is not in use

1. The transmitter consumes little power and can last over three years when it is in spare without any operation.
2. 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	0	1	1	1	1
S4	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

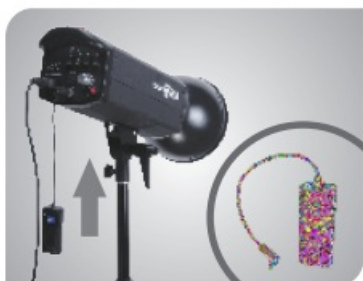
Instructions for Use

Function Introduction

RT Series Studio Flash Trigger is based on a wireless remote system. The transmitter enjoys an advanced electric circuit which is designed with sleep function, so it has very low power consumption. 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

1. Insert the trig output plug (1) of the receiver into the synch control socket of the strobe.



2. Turn on the power switch (3) of the receiver.

Operation

1. Adjust the same state for the channel code switch (4) (6) for the transmitter and receiver.



2. Press the test button (5), and the transmitter indicator lamp (9) and the receiving indicator lamp (2) will turn red. Simultaneously the strobe will flash to work.



3. Attach the transmitter onto the camera hot shoe mount and press the camera shutter for instant using (corresponding function setting is required for camera).



4. If the camera has no Hot Shoe Jack, insert one end of the synchronous line into the Socket for Synchronous Line (8) and the other end into the Synchronous jack of the camera.



Technical Data

Model	RT-01	RT-02	RT-04	RT-16
Channel	1	2	4	16
Transmit frequency	433MHz wireless remote system			
Transmitter power	12V 23A lithium-ion battery			
Receiver power	3V (AAA*2)			
Sync socket	Φ6.35mm / Φ3.5mm			
Outdoor operation distance	≤30 m (Open space)			
Indoor operation distance	≤20 m (Open space)			
Sync speed	1/200 sec			
Transmitter Dimension	60*42*30mm			
Receiver Dimension	77*33*22mm			

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.

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.


NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help
- Important Note:

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Documents / Resources

	Godox RT Series Studio Flash Trigger [pdf] Instruction Manual RT-16, RT16, 2ANIV-RT-16, 2ANIVRT16, RT Series, Studio Flash Trigger
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