



Studio Flash Trigger

RT Series Instruction Manual



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.

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Foreword For Your Safety Names of Parts

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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

- (1) Trigger Output Plug
- (2) Receiving Indicator Lamp
- (3) Power Switch
- (4) Channel Code Switch (available for some models, RT-01 not included)

Transmitter

- (5) Test Button
- (6) Channel Code Switch (available for some models, RT-01 not included)
- (7) Camera Hot Shoe
- (8) Sync Cord Jack
- (9) Transmitter Indicator Lamp

• Accessories

- 1. Convert Adapter
- 2. Instruction Manual



• Battery and Battery 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 (optional).

- ▲ 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 sync 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.



Studio Flash Trigger

影室闪光灯触发器



RT Series

说明手册

前言

感谢您购买RT影室闪光灯触发器。该触发器由发射器和接收器组成，是一款连接相机和影室闪光灯，通过控制相机来同步引闪影室闪光灯的遥控器。

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警告

- ▲ 请保持干燥：请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中。
- ▲ 请勿让儿童接触本产品。
- ▲ 请勿在易燃易爆环境中使用。在这些场合下，请注意相关警告标识。
- ▲ 请勿放置在超过50度的高温环境中。
- ▲ 若发生任何故障，请立即关闭触发器电源。
- ▲ 使用电池的注意事项：
 - 只能使用本手册中列出的电池。请勿混用新旧电池或不同类型的电池。
 - 请仔细阅读并遵守由厂商提供的警告或指示。
 - 切勿使电池短路或拆卸电池。
 - 切勿将电池投入火中或加热升温。
 - 切勿试图以反方向安装电池。
 - 当电量用尽时，电池容易漏液。所以为了避免产品受损，请在长期不使用本产品或电量用尽时取出电池。
 - 如果受损电池中的液体接触到皮肤或衣服，请立即用大量清水冲洗。

部件

● 机身



接收器

- (1) 触发输出插头
- (2) 接收器触发信号指示灯
- (3) 电源开关
- (4) 频道转换拨码开关

发射器

- (5) 试闪按钮
- (6) 频道转换拨码开关
- (根据机型而定，RT-01无此开关)
- (7) 热靴插座
- (8) PC线插孔
- (9) 发射器触发信号指示灯

● 附件

- 1、转接头
- 2、说明书



● 电池及安装

发射器：内置一节23A 12V锂电池，连续触发可达万次以上。
接收器：滑开背面的电池盖盒可装入两节AAA 1.5V碱性电池（另行购置）。

△ 低电池电量指示

电池电量较低时，会出现漏闪或不闪现象。请更换电池。

△ 更换电池

更换电池时，请执行以下步骤：

- 1、关闭相机电源并断开与遥控器的连接。
- 2、取出电池，再放置新的电池。

△ 不使用遥控器时

- 1、发射器耗电量极少，不使用时新电池可待机3年以上，不需要操作。
- 2、接收器上有设定电源关闭开关。不使用时，为了减少电池电量消耗，请将电源开关滑至OFF档位。

● 频道设置说明

RT系列无线遥控器共最多有16个频道，使用前请务必将发射器与接收器置于相同频道。频道设置见以下表格内容。

通道数	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	1	1	1	1	1	1	1	1	1

使用

● 功能介绍

RT系列无线遥控触发器采用无线遥控方式工作。发射器采用先进电路，电路设计有待机睡眠功能，功耗极低。接收触发器由MCU控制解码工作，反映速度灵敏，能满足各种类型相机的同步闪光。

● 连接

- 1、将接收器的触发输出插头（1）插入闪光灯的同步控制插孔。
- 2、打开接收器的电源开关（3）。



● 使用

- 1、将发射器与接收器的频道设定拨码开关（4）与（6）拨至相同状态。



- 2、按下发射器试闪按钮（5），发射器的发射工作指示灯（9）闪亮，此时接收器的触发信号指示（2）应同时闪亮，闪光灯闪光工作。



- 3、将发射器的热靴插座（7）插入照相机的热靴座，即可正常使用。（不同相机的设置不同）



- 4、若照相机无热靴座，需将所配的PC线一端插入发射机的PC线插孔(8)，另一端插入照相机的同步插孔。



产品参数

型号	RT-01	RT-02	RT-04	RT-16
频道	1	2	4	16
传输频率	433MHz 无线传输			
发射器电源	12V 23A锂电池			
接收器电源	3V（AAA *2）			
同步插孔	Φ6.35mm / Φ3.5mm			
室外工作距离	≤30 m（开阔地带）			
室内工作距离	≤20 m（开阔地带）			
同步时间	1/200秒			
发射器尺寸	60*42*30mm			
接收器尺寸	77*33*22mm			

注意事项

- 如不能正确引闪或拍摄，请检查是否设置在同一频道；是否连接线或热靴口已正确牢固连接到位。
- 如您的遥控器受到他人干扰引闪或拍摄，请改变遥控器的频道设置即可。
- 如您发现触发距离有限或者漏闪现象，请检查是否电池耗尽，请尝试更换电池。
- 远离强磁场：无线电广播发射机等设备产生的强静电或强磁场可能会干扰本产品正常工作。

维护保养

● 避免跌落

如果受到强烈碰撞或振动，遥控器可能会发生故障。

● 保持干燥

本产品是非防水产品，如果将其浸入水中或放置于高湿度的环境中将可能发生故障。内部构造生锈可能会导致无法修理的损害。

● 避免温度骤变

温度的突变，诸如在寒冷天进出温暖的大楼将可能会遥控器内部结露。为避免结露，请将遥控器事先装入手提袋或塑料包内，以防温度突变。

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705-RT0000-03

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