

# RF-602

## Wireless Flash Trigger

### 无线引闪器

## Instruction Manual

### 使用说明书



**RF-600TX**  
Transmitter  
发射器

**RF-602RX**  
Receiver  
接收器

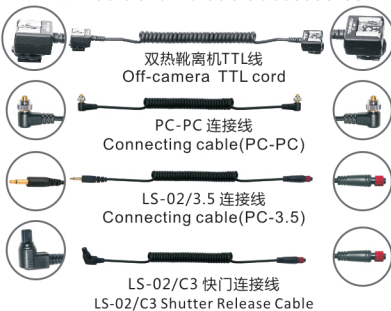
### 随附物品

#### Included items

包装内随附发射器 (RF-600TX) 和接收器 (RF-602RX) 各一个, 电池及增值配件需要另购。

Package includes one Transmitter (RF-600TX) and one Receiver (RF-602RX). Batteries and other additional valuable accessories are required to purchase separately.

#### 增值配件 Additional valuable accessories



LS-O2快门连接线具备9种型号分别适用于佳能、尼康、索尼、宾得、奥林巴斯等。

Totally 9 types of LS-O2 shutter release cable are available, suitable for Canon, Nikon, Sony, Pentax, Olympus.



PC/热靴转换座  
PC/Hotshoe Adapter

首先感谢您购买永诺产品, 在使用前, 您务必通读并完全理解本使用说明书和相机及闪光灯的使用方法, 以保证您正确使用, 并且能熟练操作。您可以通过本说明书而轻松掌握本产品的使用方法及注意事项。

Thank you for purchasing YongNuo products in advance. Before use, you must read this user manual carefully and learn how to use camera and flashgun, so as to guarantee how to use it correctly. You can master how to use this product and related cautions by this user manual.

#### 注意事项:

1. 本产品属电子产品的附件, 有可能因外界环境因素影响而造成设备不能或异常动作。这种情况的可能性非常小。
2. 连接线与设备连接时, 请勿拉扯连接线。
3. 长时间不使用无线引闪器时, 请将发射器和接收器的电源开关关闭, 并将电池取出。
4. 请勿置于高温中, 如阳光直射下的封闭汽车内、控制面板等高温地方。
5. 请保持干燥, 勿用湿手接触产品, 亦不可将产品浸入水中或暴露雨中, 否则可能引起无法正常使用, 甚至损坏。
6. 请勿在易燃易爆场合中使用, 违反此警告可能引起爆炸或火灾。
7. 本产品涉及电池, 关于电池的使用请严格按照相关规定, 否则会引起财产损失或人身伤害。

#### Cautions

1. As this is an electronic product accessory; some of the environment causes may affect the working. However this is hardly ever to get this situation, don't worry!
2. When connected the cable with camera, do not pull the wires.
3. For a long time non-use, please turned off the transmitter and the receiver's power and remove the battery.
4. Do not put it in high temperature, such as a closed car under direct sunlight, the control panel and other high-temperature areas.
5. Keep dry, do not use wet hand contact with the product, the product must not be immersed in water or exposed to rain, and this may lead to not work properly.
6. Do not use in the flammable occasion in violation of this warning may cause an explosion or fire.
7. Owing to this product include battery, regarding how to use and charge battery, please operate it strictly according to related rules, otherwise maybe cause explosion, fire or physical injury.

#### 功能简介:

1. RF-602产品是使用2.4GHz无线频道, 适用更多国家免费频道。
2. 采用FSK制式更有效保证速度、距离及其稳定性。
3. 遥控距离远达100m。
4. 使用“佳能”相机或“尼康”相机专用型控制闪光灯时, 快门同步速度高达1/250秒。
5. 更方便搭配的方式, 可以单独购买接收器RF-601RX或RF-602RX, 以便使用单一发射器而同时控制多个接收器。
6. 更多的扩展功能, 可以通过另购永诺快门控制连接线控制各类型相机进行拍照。
7. 可以通过另购永诺灯光控制连接线, 控制各类型的闪光灯和影室灯。

#### General description

1. RF-602 is using a global free FSK 2.4GHz wireless channels which can be suitable in many country.
2. RF-602 with FSK, can guarantee speed, distance and stability.
3. Remote control distance range is 100M.
4. When use the special flashgun of Canon or Nikon, the Shutter Synchronization speed reach to 1/250S.
5. In order to be convenient to match, you can solely purchase receiver RF-601RX or RF-602RX, so you can control several receiver in the same time by one transmitter.
6. More extendable function, you can control different camera to shoot by purchase shutter control cable.
7. You can control all kinds of flashgun and studio light.

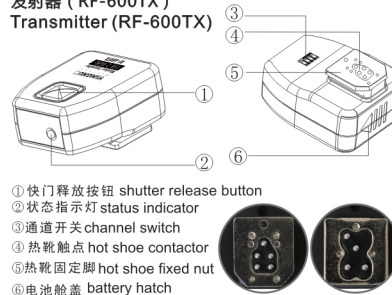
#### 规格:

- 类型: FSK 2.4GHz无线遥控系统  
 传送距离: 100米  
 频道: 15个以及ALL频道  
 快门释放: 半按、全按  
 传送器端子: PC 输入端子  
 接收器端子: 永诺三芯输出端子  
 可传送次数: 20000次以上 (使用CR2锂电池)  
 接收器待机时间: 45小时以上 (使用AAA二节碱性电池)  
 体积 (宽×高×深): 发射器: 38.4×48.0×27.0mm  
 接收器: 33.0×78.0×26.0mm

#### Specification type:

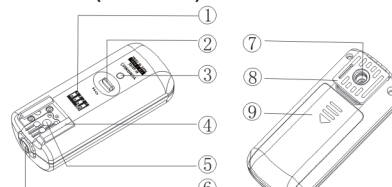
- FSK 2.4GHz wireless remote control system  
**distance:** 100m  
**channel:** 15 channels and All channel  
**shutter release:** half-press, fully press  
**the terminal connector of transmitter:** PC input terminal connector  
**the terminal connector of receiver:** YongNuo three-core output terminal connector  
**the number of transmit:** above 20000 (CR 2 lithium battery)  
**standby time of receiver:** above 45 hours (AAA alkaline battery)  
**dimension (WxHxD):** transmitter: 38.4mm×48.0mm×27.0mm  
 receiver: 33.0mm×78.0mm×26.0mm

#### RF-602各部件名称 The name of RF-602 each part 发射器 (RF-600TX) Transmitter (RF-600TX)



- ① 快门释放按钮 shutter release button
- ② 状态指示灯 status indicator
- ③ 通道开关 channel switch
- ④ 热靴触点 hot shoe contactor
- ⑤ 热靴固定脚 hot shoe fixed nut
- ⑥ 电池舱盖 battery hatch

#### 接收器 (RF-602RX) Receiver (RF-602 RX)



- ① 通道开关 channel switch
- ② 电源开关 power on/off button
- ③ 状态指示灯 status indicator
- ④ 热靴座 hot shoe socket
- ⑤ 闪光灯触点 flashgun contactor
- ⑥ 输出插座 output socket
- ⑦ 固定螺母 fixed nut
- ⑧ 热靴固定脚 hot shoe fixed mount
- ⑨ 电池舱盖 battery hatch

#### 固定及安装

##### How to fix and install 安装发射器:

发射器直接安装在相机机顶热靴即可, 如果使用专用发射器 (佳能相机使用RF-602TX/C, 尼康相机使用RF-602TX/N), 同步速度更高。

##### Install transmitter (RF-600 TX):

Attach the Transmitter directly to the Camera hot shoe. The sync speed is higher when use the specific RF-602 to your camera. For example, RF-602TX/C is specific for Canon; RF-602TX/N is specific for Nikon.

##### 固定接收器: Fix the Receiver (RF-602 RX):

接收器提供了两种固定方式: 利用热靴脚和热靴固定螺母固定。

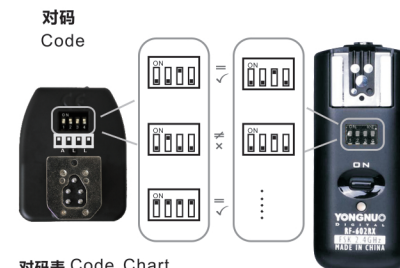
There are two ways for receiver fixed, one is by hot shoe fixed mount another is by hot shoe fixed nut.

1) 利用热靴固定脚固定, 可以固定在B型灯架等带有固定夹的支架上。  
 Fix RF-602 RX on the rack such as B pattern light rack with fixed clip by hot shoe fixed mount.

2) 利用热靴固定螺母固定, 可以固定在带有固定螺丝的附件或快装板上。

Fix RF-602 RX on the accessory with fixed nut or rack by hot shoe fixed nut.

#### 基本操作 Basic Operation



#### 对码表 Code Chart

接收/RX	发射/TX 0000	0001	0002	0003	0004	0005	0006	0007	0008	0009
0000	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
0001	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
0002	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗
0003	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗
0004	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗
0005	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗
0006	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗
0007	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
0008	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗
0009	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓

从对码表可以看出, 当发射器的编码处于 [0000] 时, 对所有编码的接收器起有效控制。当发射器位于其他编码时, 必须相互对应才能起有效控制。

When transmitter channel switch under [0000], you can see the transmitter and receiver must be using the same channel as code chart.

#### 二、控制闪光灯 Control Flashgun

1. 安装完发射器并固定好接收器后, 打开闪光灯及相机电源。

1) After install transmitter and fix receiver, turn on flashgun and camera.

2. 轻按相机快门释放按钮, 相机进行对焦动作。如果此时闪光灯处于休眠状态, 将会被唤醒。

Please press shutter release button and the camera will focus. The flashgun will be woked up if the flashgun is on the status of sleep at that moment.

3. 对焦完成后, 完全按下释放按钮, 相机进行拍照, 闪光灯同步闪光。After focus, fully press the release button, the camera will shoot and the flashgun will flash synchronously.

- ⊗ 使用非专用发射器时, 将不具备休眠唤醒功能。
- ⊗ 本接收器不支持SB-600闪光灯。

- ⊗ With no special use transmitter, without the function of waking-up.
- ⊗ This product don't support SB-600 flashgun.

## 功能延伸

### Function extend

#### 一、控制影室灯 Control studio light

实现此功能需要另购永诺闪光灯连接线LS-02/3.5。In order to achieve this function, you have to purchase yongnuo cable LS- 02/3.5.



1. 根据不同影室灯的控制接口可以使用不同控制线或转接头。Use the right cable according to the interface of studio light.



2. 对焦完成后,完全按下释放按钮,相机进行拍照,闪光灯同步闪光。After focus, fully press the release bottom, the studio light will flash when the camera take a shoot.

#### 二、控制多盏闪光灯 Control several flashgun

实现此功能需要另购永诺引闪接收器 RF-601RX 或 RF-602RX及LS-02连接线,可以控制多盏机载灯或影室灯或两种灯混合使用,在相机拍照时使所有闪光灯同步闪光。In order to achieve this function, you have to purchase trigger receiver RF-601RX or RF-602RX and LS-02 cable which can control several airborne light or studio light or two kinds of light mixed, all flashgun will flash synchronously when camera shoot.



1. 将机载灯直接安装于接收器热靴座上。  
2. 将RF-601RX直接插入影室灯触发接口或将RF-602RX通过LS-02连接线及影室灯连接。  
3. 将发射器安装于相机机顶热靴,全按下相机释放按钮时,所有闪光灯与相机同步闪光。

1) Install airborne light on the hot shoe socket of receiver directly.  
2) Connect studio light with receiver by LS-02.  
3) Install transmitter on the hot shoe of camera and fully press release button, all flashgun will flash synchronously with camera.

使用时需将发射器和接收器调至统一编码或将发射器调至 [0000]

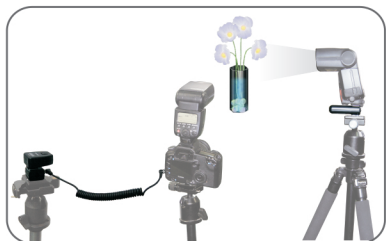
Adjust to the same channel on Transmitter and Receiver, or set the Transmitter channel to [0000]

## 三、使用相机PC口引闪。

### Trigger through PC port

实现此功能需另购连接线LS-PC/PC和AS-20,当相机机顶使用了机载灯或其他附件而无法安装发射器时,可以通过以下方式解决。

In order to achieve this function, you need to purchase LS-PC/PC and AS-20.



如图所示连接,发射器RF-600TX安装于AS-20上,相机引闪信号通过LS-PC/PC连接线及热靴PC转换座AS-20来触发发射器。  
As in the photo, connect RF-600 to AS-20, speedlite will flash when received signal through LS-PC/PC and hotshoe adapter AS-20.

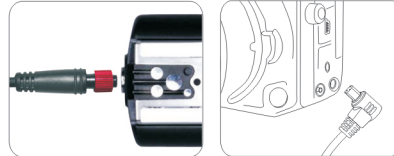
使用此功能将不具备休眠唤醒功能,同步速度会降低。

This function without the function of waking-up, and the synchronization time will be reduced as well.

## 四、遥控拍照

### Remote control shooting

实现此功能需要另购永诺相机连接线LS-02,根据不同相机型号选择不同的连接线,现有的连接线几乎涵盖了所有的主流单反相机。In order to achieve this function, you have to purchase yongnuo cable LS-02, choose different cable according to different camera, current cable basically satisfy all cameras.



1. 将连接线LS-02带螺母的插头插入接收器的输出插座并旋紧螺母。Insert the LS-02 cable plug with nut into output socket of receiver and lock nut Tightly.  
2. 将快门插头插入相机快门插座。Plug in the shutter release cable to the camera shutter socket.



3. 半按发射器按钮,相机对焦;全按发射器按钮,相机拍摄。Half press the release bottom, camera will focus; fully press, camera will take a shoot.  
4. 当相机镜头对焦功能调至“AF”时,可能出现找不到对焦点而无法拍摄。Note: On the “AF” mode, it may not focus and fail to shoot.

When the camera lens focus function is set to "AF", it may not find the focus point and fail to shoot.

## 五、利用相机控制其它相机同时拍摄

### Control other cameras to shoot synchronously

实现此功能需另购永诺相机连接线LS-02。In order to achieve this function, you have to purchase yongnuo cable LS-02.



1. 发射器与主控相机连接。Connect the Transmitter to the Master Camera.



2. 接收器通过LS-02快门连接线及受控相机连接。Connect the receivers to slave cameras by LS-02 shutter release cables.



4. 半按主控相机释放按钮,主控相机及所有受控相机将进行对焦动作。全按主控相机释放按钮,所有相机同时进行拍摄动作。Half press release button of master camera, the main-control camera and all remoted cameras will focus, press fully, all cameras will shoot.

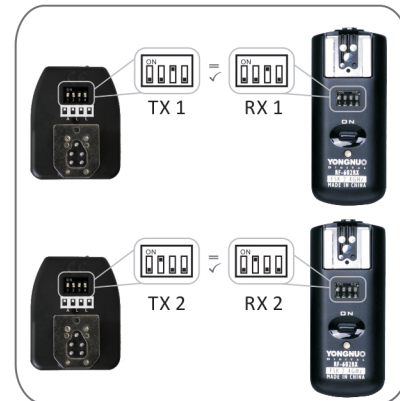
由于不同相机的反应时间有差异,拍摄时间可能有微小差别。  
部分相机未找到焦点时,即使收到拍摄信号也不会进行拍摄,应将相机镜头对焦模式调整为手动“MF”。  
如果使用非专用发射器,受控相机将不进行对焦动作。

Note: the sync speed of shooting is subject to the camera models. Therefore, there is small different between shoot time.  
If didn't find the focus, Part of cameras will not shoot even receiving the shooting signal. At that moment you should change the focus mode into manual mode “MF”.  
With no special use transmitter, the remoted cameras will not focus.

## 六、使用遥控拍摄并同步引闪。

### Using the remote shooting and sync trigger flash

实现此功能需购置两套RF-602,一套用作遥控拍摄,一套用作引闪闪光灯。In order to achieve this function, you have to purchase two sets of RF-602, one set is used for shoot by remote control and the other is used for triggering flashgun.



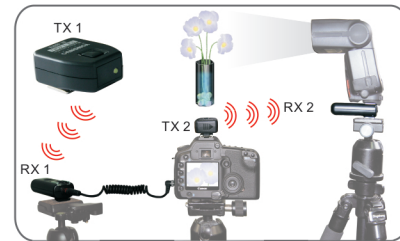
1. 将用作遥控和引闪的RF-602分别设置为不同频道,相同频道将会互相干扰而无法进行有效控制。Set two sets of RF-602, one set is used as shoot by remote control and the other is used as triggering flashgun, Set them into different channel, if set the same channel, they will interfere each other and out of control.

1. 将RX1通过快门连接线LS-02与相机快门连接。将TX2安装在相机热靴上。



Connect RX1 to the camera shutter socket by LS-02 cable. Attach Tx2 to camera hotshoe.

2. 将RX2与闪光灯连接。Connect RX2 with flash.



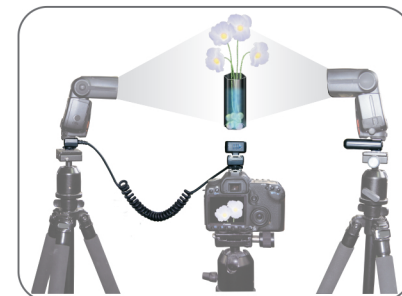
3. 半按发射器按钮,相机对焦;全按发射器按钮,相机拍摄,闪光灯同步引闪。Half press release bottom, camera focus, fully press, camera takes a shoot, speedlite flash synchronously.

## 七、离机TTL闪光+离机引闪

### Off-camera TTL Flash and Off-camera flash

实现此功能需要另购永诺双热靴离机TTL线FC-681(佳能使用)或FC-682(尼康使用)。

You need to purchase FC-681 to achieve this function. FC-681 is for Canon camera. FC-682 is for Nikon camera.



安装方法如图所示,将发射器安装于离机线的触发座与离机线连接的闪光灯将进行TTL通信闪光,与RX连接的闪光灯将同步引闪。

Installation is as per photo, connect the transmitter to the TTL cord Transmitter end, the speedlite on the other of the cord will TTL flash, and the speedlite on the RX will flash synchronously too.

感谢您购买永诺公司产品并阅读本说明书,如有任何疑问可与当地经销联系。或登陆 <http://www.hkyongnuo.com>。

本说明书中的信息更新至2011年01月01日,如果要与此日期之后发布的产品组合使用,有关信息请向永诺经销商咨询。

Now you can start to use incredible YONGNUO product. If you have any question, you can contact the local dealer or visit to <http://www.hkyongnuo.com>.

This manual information is updated at Jan 1, 2011. If you want to use this product combined with others, which published after this date; please consult with the YONGNUO dealer for further information.