



# Instruction Manual

## ROOK

### Professional Flash Trigger



### Receiver



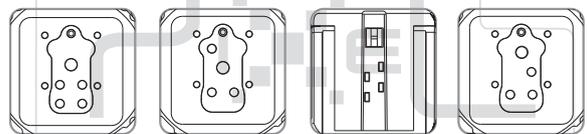
- 1 Indicator Light
- 2 Shutter release/test button
- 3 Power/group switch
- 4 Output socket
- 5 Battery compartment
- 6 Hot shoe foot with screw
- 7 Channel setting

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### Transmitter



- 1 Indicator Light
- 2 Shutter release/test button
- 3 Group Indicate Light
- 4 Power/group setting
- 5 Input/output socket
- 6 Battery compartment
- 7 Trigger point
- 8 Channel setting



for Canon for Nikon for Sony for Olympus/Panasonic

### Compatible

ROOK Model compatible list as below :

Model	Transmitter(TX)	Receiver(RX)
For Canon	Canon series camera	Original speedlite, studio light, Metz, SUNPAK, Sigma
For Nikon	Nikon series camera, Samsung series camera, Fujifilm series camera, Pantex series camera	
For Sony	Sony series camera, Minolta series camera	
for Olympus/Panasonic	Olympus/Panasonic series camera	

Above brand name is registered by the respective owner.

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### Overview

Thank you so much for purchasing PIXEL product, ROOK is a professional grouping flash trigger. TTL mode available on transmitter hot shoe and sync with off shoe trigger together. Off shoe trigger can be grouped the flash and Remote the camera. ROOK is using global free FSK 2.4GHz which is more stabilize.

### Cautions before use

1. Make sure the camera is powered off before install device.
2. This is electronic products accessories; some of the environment causes may affect the working. However this is hardly ever to get this situation, don't worry!
3. This component can't be strong vibration, or may lead to product failure.
4. For a long time non-use, please turned off the transmitter and the receiver's power and remove the battery.
5. The batteries should not install anti-polarity; otherwise the batteries may leak, corrosive liquids, heat or explosion.
6. When the product connected to the device, Do not pull the wires.
7. Do not put it in high temperature, such as a closed car under direct sunlight, the control panel and other high-temperature areas.
8. 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.
9. Do not use flammable gases in violation of this warning may cause an explosion or fire.
10. Because of this product is included battery; please strictly follow the instruction for operation. Otherwise its may cause an explosion, fire or personal injury.

### Feature

1. ROOK is a professional grouping flash trigger.
2. Transmitter hot shoe support TTL and sync with off shoe flash.
3. Wake-up function available, the flash will be wake up automatically.
4. Through studio light to connect PC or USB socket, the sync speed up to 1/320s (Sync time may have little bit inaccuracy as difference camera model)
5. Available to control the shooting or through master camera to control slave camera.

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### Specification

**Wireless Frequency System:** FSK2.4GHz  
**Operating Distance:** up to 200m  
**Shutter Sync Speed:** 1/200S  
**Group setting:** 3 difference group (7 combinations)  
**Wireless Channel:** 4  
**Stand-by Time :** Receiver: 250 hours  
 Transmitter: 5years  
**Power:** AAA x2  
**Weight:** Transmitter 48.5g (without battery)  
 Receiver 44.0g (without battery)

### Included Items

Please check the package and make sure the below items are already in the box. If there's missed anything, please contact with the distributor directly.

- ROOK Transmitter 1pc
- ROOK Receiver 1pc
- Studio light cable (3.5-3.5) 1pc
- Studio light cable(3.5-1/2) 1pc
- Receiver holder: 1pc
- Hot shoe protector: 2pc
- Manual: 1pc



Hot shoe protector



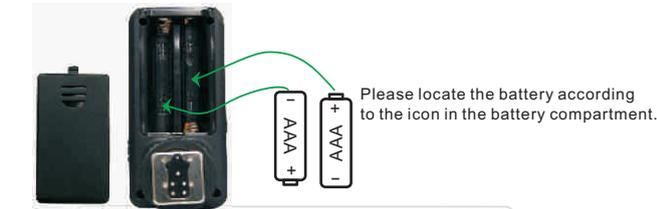
Receiver holder

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### Prepare to use

#### Battery Installation:

Set transmitter and receiver to the same channel



Please locate the battery according to the icon in the battery compartment.

#### Turn power on/off:

Transmitter:

Hold [ **o/SET** ] 2 seconds to turn on transmitter, then group LED light on for 2 seconds, and show which current light. It can be used trigger the flash and control shutter. You could turn off power by pressing [ **o/SET** ] 2 seconds again, then [LED light] blink red three times. Then power off.

Receiver:

(Turn power on) Switch [Power/group switch] to A or B or C to turn on receiver power; the receiver will be stayed in the current group and the LED light blink as red every 2 seconds.

(Turn power off) Switch [Power/group switch] to OFF; the receiver power is off, and the light stop blinking.

For a long time non-use, please turned off the transmitter and the receiver's power and remove the battery.

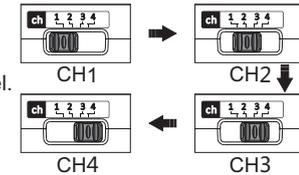
#### Channel Setting:

Set transmitter and receiver to the same channel

1. Slide the switch to change channel.

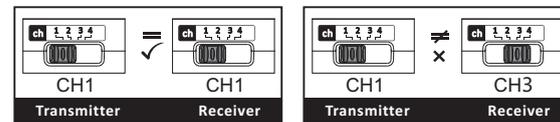
2. Channel changing as:

CH1→ CH2→ CH3→CH4 (as figure)



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\* Transmitter and receiver must be set as the same channel.



#### Group setting:

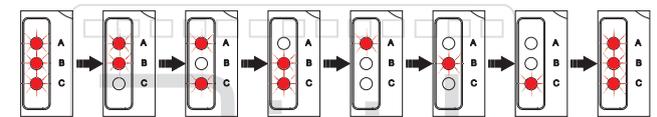
Group setting on transmitter

1. wake up group display, and show the current controlling group. Slightly press [ **o/SET** ] to show group mode which showing the current working group.

2. Press again [ **o/SET** ] to change group.

3. Group changing as:

A, B, C → A, B → A, C → B, C → A → B → C → A, B, C..



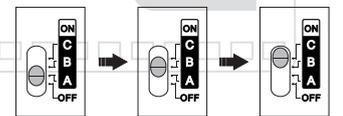
4. No action within 2 seconds, the group LED light will off.

\* A, B, C LED light on means the current setting will be working with transmitter.

#### Group setting on receiver

Put Power/group switch at A/B/C,

and then turn on the receivers.



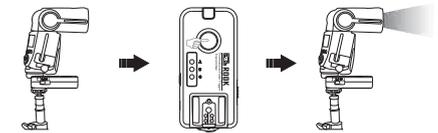
\*Receiver only get signal from transmitter when the current group setting of receiver is included in the validate group of transmitter.

#### Testing:

1. Check power on or off.
2. Check the frequency of transmitter and receiver.
3. Check the group setting of transmitter and receiver.

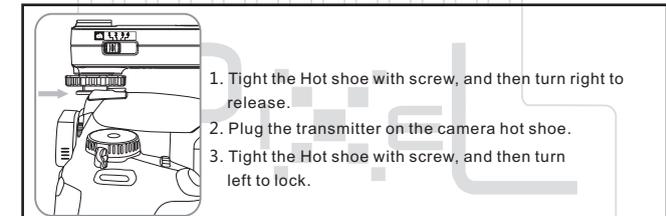
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### Testing the receiver signal as below:



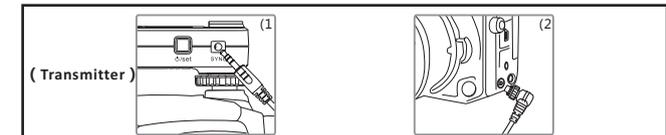
1. Insert flashgun on the receiver and turn on the flash power; set the flash index as minimum.
2. Full press the test button
3. Trigger the Flash.

### How to connect the relative photo equipment



1. Tight the Hot shoe with screw, and then turn right to release.
2. Plug the transmitter on the camera hot shoe.
3. Tight the Hot shoe with screw, and then turn left to lock.

### Connect the transmitter to camera hot shoe

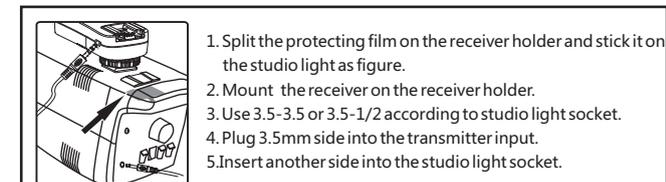


1. Plug PC-3.5 connecting cable to transmitter 3.5mm socket.
2. Plug PC-3.5 connecting cable to camera PC socket.

### Connect transmitter to camera via PC-3.5 connecting cable.

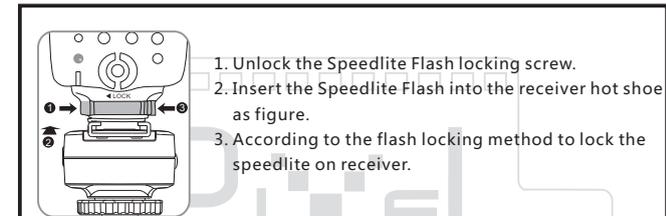
\*PC-3.5 connecting cable should be purchased separately.

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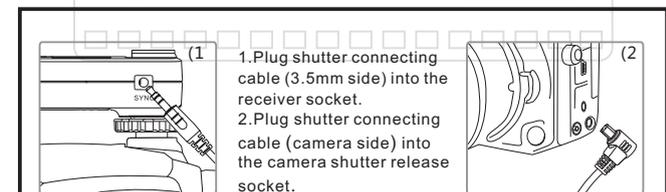
1. Split the protecting film on the receiver holder and stick it on the studio light as figure.
2. Mount the receiver on the receiver holder.
3. Use 3.5-3.5 or 3.5-1/2 according to studio light socket.
4. Plug 3.5mm side into the transmitter input.
5. Insert another side into the studio light socket.

### Connect the Receiver to Studio Light



1. Unlock the Speedlite Flash Locking screw.
2. Insert the Speedlite Flash into the receiver hot shoe as figure.
3. According to the flash locking method to lock the speedlite on receiver.

### Connect the Receiver to Speedlite Flash



1. Plug shutter connecting cable (3.5mm side) into the receiver socket.
2. Plug shutter connecting cable (camera side) into the camera shutter release socket.

### Connect Receiver to Camera

\*The shutter cable should be purchased separately.

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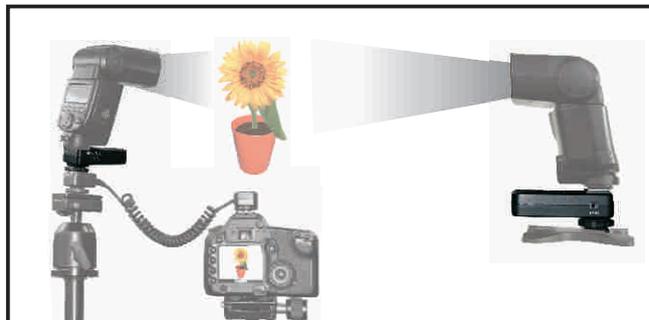
## Figure Explanation

### Speedlite flash TTL + Speedlite flash trigger remote control

By using of the TTL off-camera cable to trigger the off-camera flash when the Speedlite TTL flash works.



Speedlite flash TTL + Studio light off-camera flash trigger remote control

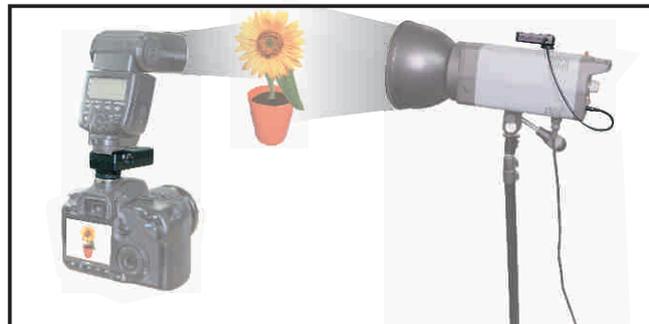


Speedlite flash TTL + Speedlite flash trigger remote control

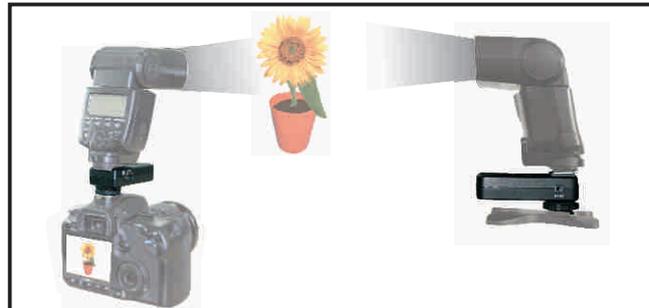
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### Speedlite flash TTL + off-camera flash trigger remote control

The transmitter supports the Speedlite flash and will not hamper TTL communication of camera. Furthermore, it will send the sync signal and trigger the off-camera flashgun meanwhile.



Speedlite flash TTL + Studio light off-camera flash trigger remote control



Speedlite flash TTL + Speedlite flash trigger remote control

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### Off-camera flash remote control

Transmitter installed on camera hot shoe, and trigger the flash light.



Studio light off-camera flash trigger remote control



Speedlite flash trigger remote control

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### Transmitter Input/output trigger off-camera flash and output flash.



Transmitter Speedlite TTL, Input/Output synchronous Trigger, off-camera light synchronous Trigger



Camera on top TTL, PC off-camera sync trigger.

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### Flash grouping remote control



Receiver A, B, C will operate when transmitter set at A, B, C.



Receiver A, B will operate when transmitter set at A, B.

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Receiver B will operate when transmitter set at B.



Receiver A will operate when transmitter set at A.

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### Use under incompatible mode

When the transmitter is incompatible with the camera, you should use it as below:



Slightly press the transmitter button. Non-compatible mode using method is same as compatible mode.

\*If the shooting interval time or 2 shooting times is longer than 30s, you need to press button again, or it may miss flash.

### Control shooting

#### Remote control

1. Slightly half-press release button, transmitter and receiver indicate light as Green, then the camera starting focus.
2. Fully press release button, transmitter and receiver as Red, then the camera starting shoot.

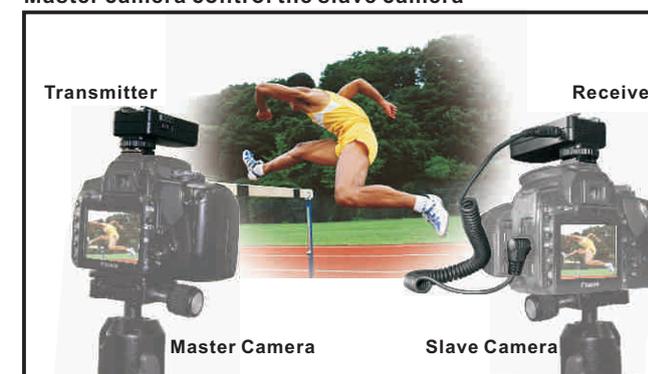


\* Some Cameras won't shoot if the camera cannot focus even get shooting signal, so please adjust the camera to "MF"

\*The shutter cable should be purchased separately.

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### Master camera control the slave camera



\*Camera Shutter cable is purchased separately.

Half-press the camera shooting button, master camera and all slave cameras starting focus. Fully-press the camera shooting button and all the cameras starting shoot.

\*As camera has difference reaction time, then shooting time will be little difference.

\*Some Cameras won't shoot if the camera cannot focus even get shooting signal, so please adjust the camera to "MF"

\*The camera cannot focus if the transmitter is not specific for the camera.

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

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

