Federal Communications Commission (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.
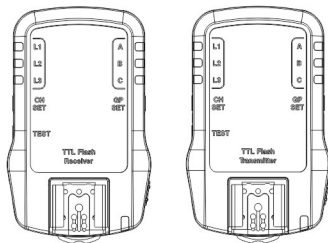
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

Warning: Changes or modifications made to this device not expressly approved by Shenzhen Zhuo Er Photographic Equipment Co., Ltd may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

WIRELESS FLASH TRIGGER RECEIVER

使用说明书
User Manual

ATTENTIONS

1. Turn off power on remote control, flash light and camera before connecting.
2. Fall or vibration may result in product damage.
3. If not use for long time, please turn off the main power of transmitter and receiver.
4. Please load the battery correctly, wrong polar may result in battery leakage and damage or explosion
5. Don't keep in high-temperature environment, such as near car, direct sunlight, dash board and other high temperature environment.
6. Keep dry. Don't use wet hand to touch product, don't put it into the water nor expose it into the rain, or it may not work or damage.
7. Please don't use under inflammable and explosive circumstance.
Violating this warning may cause explosion or fire.
8. This prodcut involves the battery. Refer to the battery usage, it shall be strictly in accordance with the relative provisions, or may cause property damage or personal injury.

PRODUCT FUNCTION INTRO

Thank you for purchasing product

 • wireless transceivers adopt the digital FSK 2. 4GHz wireless transmission, the user can freely arrange the positions of the flash lights to realize the different shooting effects. The communication distance is long and support 7 wireless channels and 3 group settings as A/B/C.
 • wireless transceivers support high speed sync when on Canon DSLR. The highest sync speed is 1/8000S. The multiple flash modes include E-TTLII, E-TTL, FP, M, and multi mode. It supports the tranmitter to install E-TTL, E-TTLII and normal trigger flash.
When install on the Canon EOS series DSLR which supports external flash menu, it can realize changing the long-distance flash's mode and parameter quickly.

Use camere and flash light compatible with TTL function.
Some camera modelsl'highest sync speed is 1/4000S.
Use the camera and flash light not supporting high speed, the highest sync speed is 1/250S or slower.

FUNCTION LIST

Support functions:
1.Support flash modes: I-TTL, M, Multi
2.Support first curtain, second curtain, high speed sync,
3.Highest sync speed is1/8000s
4.Support flash exposure bracketing(BKT, set in the camera)
5.Support flash exposure lock(FE lock)
6.Support flash zoom
7.Support PC connector trigger studio flaflsh and outdoor flash light
8.Support PC connector pseudo high-speed synch of studio flaflsh and outdoor flash light
9.Support TTL flash light's high speed sync and TTL function.
10.Support to trigger flash of common type
(manually ajust power)
11.Support focus assist
12.Support using main flash to control the slave output on transmitter
13.Support mixed use of the flash modes on receiver, like use ETTL, Multi, M together
14.Support setting autosave function
15.Support 3 flashes to output by different powers
16.Support multiple receiver control

Unsupport functions:
1.Transmitter doesn't support camera fast-shutter and falsh test trigger simutaneously
2.Don't support wireless mode setting on flash

SPECIFICATION

System mode:digital FSK 2. 4GHZ wireless receiver transmit
Distance:100M
Wireless Channel:7
Flash mode: E-TTL/M/Multi
Sync mode:rear-curtain sync, front-curtain,HSS
Group control: A/B/C 3 group (7 type)
Function:support adjust zoom, ISO, shutter speed, FE key and FP
Sync speed:1/8000s
Compatible speedlights:hot shoe flash,studio flash light, outdoor flash
AF lamp:with AF assist lamp
Input:support hot shoe (TTL trigger or one-shot mode)
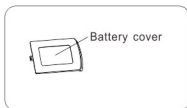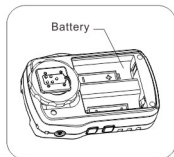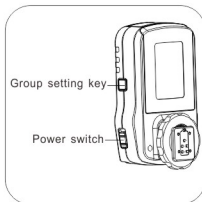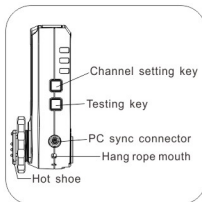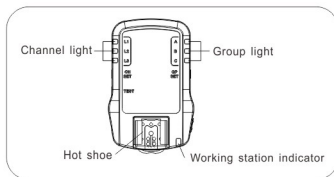Output:support hot shoe (TTL output) PC connector sync output
Power:2pcs battery (1. 2V rechargeable battery is available)
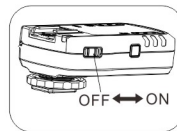E. g:Mn-Zn battery (1. 5v), Li-battery (1. 5v), H-O battery (1. 5v),Ni-H battery
Standby time:60H (AA 1. 2V 2400mAh rechargeable battery)

PARTS NAME

Channel light — — Group light

TEST

Hot shoe — — Working station indicator

Channel setting key

Testing key

PC sync connector

Hang rope mouth

Hot shoe

Group setting key

Power switch

Battery

Battery cover

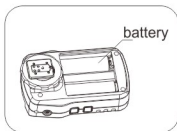## COMPONENTS

☞ Power: slide to [off] or [on]

OFF ←→ ON

☞ Hang rope mouth: connect with shoulder strap or rope
☞ Hot shoe adaptor: connect with hot-shoe flash
☞ Hot shoe: connect with camera hot shoe adaptor
☞ Channel set button(CH SET): Set channel, light press show
　present channel, press　again or press for 2s into setting
　mode(channel indicator lamp blinks)
☞ Group setting button(GP SET): Set group, light press show
　present receiving group, press again or press for 2s into
　setting mode (group indicator lamp blinks)
☞ Testing button [TEST]: transmit setting group's trigger signal
☞ Channel/Group indicator lamp: indicate group, channel state
☞ Work indicator lamp: power, wireless communication or
　command indicator lamp install 2 AA batteries
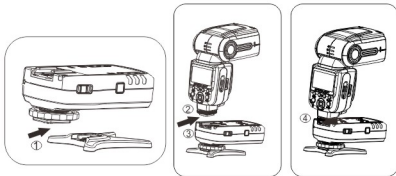☞ PC interface: PC

☞ Install battery
   Open the battery barn, install 2 AA batteries in right polar direction, then cover the barn.

∗ Remove the batteries if not use for long time.
∗ Change 2 batteries at one time.

battery

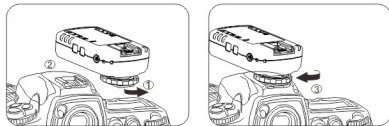☞ Install the flash on transceiver hot shoe (as receiver)
   1. Install transceiver on the mini bracket attached to flash or other fixing device (not included)
   2. Loose the flash locking device
   3. Totally put the hot shoe foot into transceiver hot shoe adaptor
   4. Tighten the flash locking device

☞ Install transceiver on camera hot shoe (as transmitter)
   1. Rotate and loose the fixing ring as the arrow show
   2. Totally put the hot shoe foot into camera hot shoe adaptor
   3. Rotate and tighten the fixing ring as the arrow show, the stop pin will protrude. Lock the transceiver on the camera hot shoe adaptor.

ACCESSORY LIST

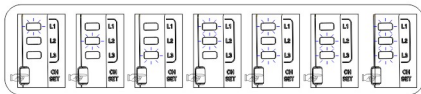Transceiver #2
Manual #1
Hot shoe base

FUNCTION DESCRIPTION

1. Power
1. 1 Transceiver using 2pcs AA battery
1. 2 Push the power switch to [ON] to open the power,push
to [OFF] to close the power
1. 3 Open transceiver power indicator to testing
1. 4 Setting will be saved after no operate more than 3s

2. Channel or group setting
2. 1 [CH SET] button setting channel
Push [CH SET] button to show channel, then push [CH SET]
to enter setting situation,channel director glitter , then push
[CH SET] button to change channel, pushing [CH SET] 2-3S
at setting situation,quit setting situation without operation.
Channel indicator with three blue LED light (L1、L2、L3),
can be set to 7 different channel as follow:

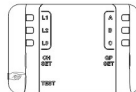2. 2[GPSET] receiver group setting
Push GP SET button to display receiver group, then push
[GP SET] enter setting situation, group indicator flashing,
then push [GP SET] button to change receiver group, in
setting situation pushing [GP SET] for 2-3S, no operate
would quite setting and close indicator.

Receiver group indicator composed by three pcs blue LED
light (A、B、C), can be changed between the three difference
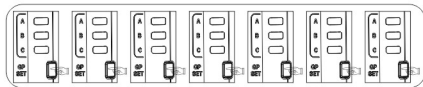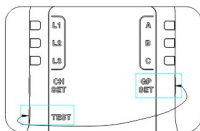receiver group as follow:

3. TEST
Standby situation push [TEST] button, group indicator
lighting in continually show sending group, left [TEST]
button,sending group flash one time,double-color indicator
lighting means sending testing information .

4. [TEST] + [GPSET] sending group setting
Pushing [TEST] button,showing sending group, push
[GP SET] button again again to setting sending group.

Sending group indicator is composed by three blue LED
light (A、 B、 C), can be changed between the seven
difference receiver group as follow :

Left [TEST] button when complete sending group setting,
chosen sending group light will flash.

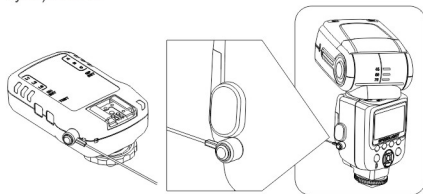5.Operating status indicator
Normal receive model ① ed twinkles
Onnecting with camera or flash ② reen twinkles
Esting ③ ed and green always light

6.PC Output Interfaces

Connect the PC interface of the transceiver with the one of flash
light,studio flash or outdoor flash,some of the flashes can support
high-speed sync (just some models that support high-speed
sync) Caution！

Please don't use flash light over 300V trigger voltage to connect
PC interface or it may damage the transmitter and receiver.

7.Hot Shoe

7.1 Hot shoe foot
Used as launcher:
If the flash with TTL,syncs speeds up to 1/8000th Sec.
If the hot-shoe flash does not support HSS, you have to manuallyadjust the output, the max sync speed is 1/250S or less.

7.2 Used as receiver:
When connect with flash with TTL, the model and output can be set through remote.
When connect with non-TTL flash, it can only be triggered manually.
The max sync speed is 1/250S or less

8. As main control unit (TTL、M mode) When connecting the main control flash light on the transceiver which is as the transmitter, it can transmit main control unit's setting to the receiver, so to realize flash's different output control (flash setting on receiver should be TTL mode)

9. Mixed mode output (TTL, M, Multi mode) Transmitter does not connect with flash or connect with un-main control flash, flash light on receiver can be manually set to different mode and output power, so it can do mixed mode output; adjust the shutter speed to stroboscopic output.

SYNC

1. Front-curtain sync
The normal Flash Sync

2. Rear-curtain sync
The flash fires right before the shutter closes, giving the appearance of forward motion. A long shutter speed or bulb needs to be used.
※ The camera will disable this mode, unless"Wireless flash" menu is disabled.

3. High-speed sync
syncs with all shutter speeds up to 1/8000th or 1/4000th Sec (according to the camera).

※ If the hot-shoe flash does not support HSS, the max sync speed is 1250S or less.

AF-ASSIST BEAM

When using Autofocus under low-light, the AF-assist beam of the Transmitter will be emitted.

※Automatically to make it easier to autofocus. An on-top flash which has an AF-assist beam function can also emit at the same time.
※The AF-assist beam can be enabled or disabled by the custom function setting of the camera or flash light.
※Receiver nor an off-camera flash on the receiver will emit the beam.