Opas

Transceiver

Instruction Manual

Use Instruction: Set the Opas on the Flash as RX mode while the one on the Camera Hot Shoe as TX mode. The new version is compatible with the old version but the Opas on the Camera Hot Shoe must be an old version.
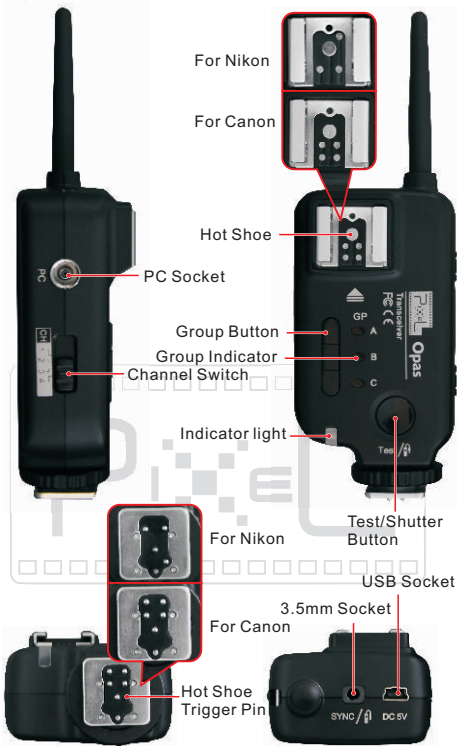
Overview

Thank you so much for purchasing PIXEL product --- Opas. Opas is a professional grouping flash transceiver which can be activated off-camera trigger, off-camera flash group control and shutter remote shooting. Opas also activate the camera shooting and flash trigger together. Opas is using global free FSK 2.4GHz which is more stabilized.

Caution

1. Make sure the camera and flash are powered off before installing the Opas.
2. As an electronic accessory this may be affected by rare environmental causes. Normal working operations should not be affected by this.
3. Drops or shocks will lead to product failure.
4. When not in use for long durations, please turned off the transmitter and the receiver's power and remove the battery.
5. The batteries should be installed correctly. Reverse polarity may cause batteries to leak corrosive liquids, heat or explosion.
6. When connecting the cable with the device, do not pull directly on the wires.
7. Do not store in a high temperature, such as an enclosed car under direct sunlight, the dashboard and other high-temperature areas.
8. Keep dry, do not contact wet hands with the product. Do not immerse in water or exposed to rain as this may lead to failure of the device.
9. Do not use near flammable gases. Failure to follow this warning may cause explosion or fire.
10. This product includes batteries; please strictly follow the instruction for proper operation. Failure to follow this may cause explosions, fire or personal injury.

For Nikon

For Canon

Hot Shoe

PC Socket

Group Button

Group Indicator

Channel Switch

Indicator light

Test/Shutter Button

For Nikon

USB Socket

3.5mm Socket

For Canon

Hot Shoe
Trigger Pin

Name of each part:

Antenna: Soldered RF external antenna
Eyelet: Use the Strap to hold the device
Test/Shutter Button: Flash power test or 2steps shutter remote
Channel Switch: 4 different channels for communication

Antenna

Eyelet

1/4 Screw Nut

Mode Switch

RX TX

Power Switch

Mounting Foot

Battery Compartment

Indicator Light: Power, wireless communication or command indicator.

Battery Compartment: Compartment for 2pcs AA battery.

1/4 Screw Nut: Suitable to attach on tripod or screw

PC Socket: No function when the device is transmitter mode; output signal with the device is receiver mode.

Group Button: 3 individual buttons for group A/B/C.

Power Switch: The device is turned off when switch to [🚫]; the device is turned on when switch to [⏻]。

Hot Shoe Trigger Pin: If connected on the camera hot shoe, that will be a transmitter mode.

3.5mm Socket: Using for control the shutter or studio light.

USB Socket: Upgrade firmware or DC 5V power input.

Mode Switch: Mode option , Switch to TX mode when the device install on the camera . Switch to RX mode when the device insert to the lights .

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.

Opas Transceiver	1PC
Bag	1PC
Hot Shoe Protector	1PC
Strap	1PC
Instruction Manual	1PC
DL-3.5 Cable	1PC
DL-1/4 Cable	1PC
For Canon DL-E3 Cable DL-N3 Cable	 1PC 1PC
For Nikon DL-DC0 Cable DL-DC2 Cable	 1PC 1PC

Basic function

Trigger the speedlite
Trigger the studio light, out door light
Camera shutter control
Master camera control the slave camera shooting
Press the flash attached receiver button to activate shutter control and flash trigger together.
PC socket for trigger speedlite, studio and out door light.
USB socket for power supply, shutter or flash trigger signal. For using those function must be under receiver mode
3.5mm socket for shutter or flash trigger signal.
Using with all AA type battery
Support 1/4 screw nut holding or Strap holding.
Ultra long distance range up to 400m.
Compatible with high voltage flash or studio light.
FSK 2.4GHz wireless system which qualified CE/FCC/NCC...etc.

Specification

Mode	Digital FSK 2.4GHz
Function Mode	Manual trigger , shoot
Distance Range	up to 400M
Shutter Sync Speed	1/320S*(Sync speed may have little inaccuracy as different camera model)
Compatible Camera	Canon、Nikon
Compatible Flash	Canon/Nikon/Metz/Sigma/Sunpak/Nissin flash and studio light
Battery Type	AA x 2pcs (or DC 5V)
Shutter Mode	Single shoot
Channel	4
Group	3
Trigger Method	Hot shoe
Standby	400Hrs (2pcs 1.2V 2400mAH rechargeable battery)
Holding Method	Tripod screw nut, hot shoe foot, rope

Description

Below operation is after installed battery.

Channel setting: Transmitter and receiver must be the same channel for operation.

Test/Shutter Button: Press the test button on transmitter side to test the receiver side flash. Press the button on receiver side to activate flash and shutter signal.

Signal Indicator Light: When the indicator shown as blue which means is sending or receiving data; when the indicator shown as red which means is stand-by mode.

Group Indicator Light: When the indicator is on which means is under operation at current group. When A light flashes, it means device failure.
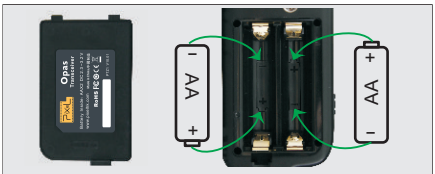
Low power status: Group Indicator B flashes once at a internval of 1 second means low power.

3.5mm Socket: Output signal is same as USB socket which support shutter control and flash

Prepare to use

Battery installation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

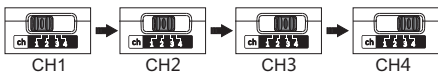Follow the battery sign [+] and [-] in the battery compartment
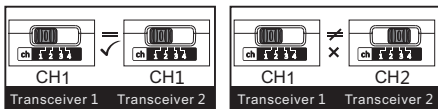

Turn on power

Opas power switch is a 2steps switch. Slide to [☒] to turn off; slide to [⏻] to turn on.

Channel Setting

1. Slide the channel switch to change channel
2. Channel change as follow: CH1 → CH2 → CH3 → Ch4

CH1 → CH2 → CH3 → CH4

* 2 transceivers must be set as the same channel.

CH1	CH1	CH1	CH2
Transceiver 1	Transceiver 2	Transceiver 1	Transceiver 2

When Opas is using with King, the channel is corresponded with:

CH1=L1   CH2=L2   CH3=L3   CH4=L2+L3

Group setting

1. When receiving the signal, the device will be waken up and shown the valid group.
2. Press [Group Button] to on/off the group.
3. Valid Group: A/B/C/A.B/A.C/C.B/A.B.C.

* When A/B/C indicator light is on which mean the transmitter is synchronizing the receiver.

Testing:

1. Check the power.
2. Check 2 transceivers are on the same channel
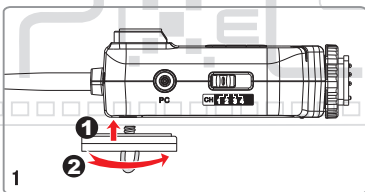3. Check the receiver device is covered within transmitter device group
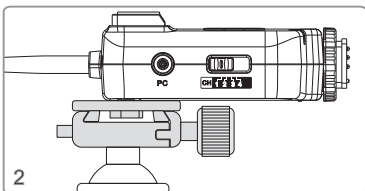
Test the transceiver receiver mode as below.

● The device on flash should set to RX mode.
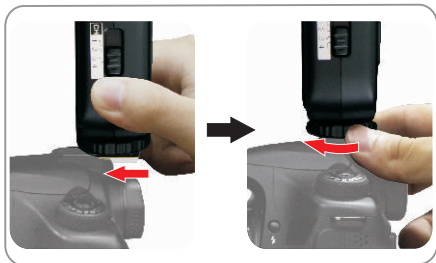
Device Connection

Receiver Installation

1) Attach the quick release plate on the transceiver 1/4 screw nut.

2) Quick release plate attach on tripod ball head.

1. Release the transceiver mounting foot.
2. Plug the transceiver on the camera hot shoe.
3. Tight and lock the mounting foot on camera hot shoe.

- The device on camera should set to TX mode.

Connect the transceiver to camera via 3.5mm cable.

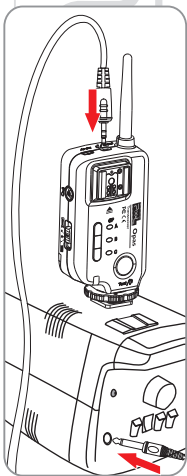- The device on camera should set to TX mode.

1. Plug the 3.5mm cable into transmitter 3.5mm socket.

2. Plug the 3.5mm cable to camera shutter release socket.

- The shutter cable has various models to match with different camera.

1. Unlock the Speedlite locking screw
2. Insert the Speedlite onto the transceiver hot shoe socket as figure.
3. Use the flashes locking method to lock onto the transceiver.
4. The device on flash should set to RX mode.

Connect the transceiver with studio light

1. Fix the transceiver on the holder.
2. According to use the DL-3.5 or DL-1/4 on the studio light socket.
3. Insert 3.5mm plug into receiver 3.5mm output socket.
4. Insert the other plug side to the studio light socket.

- The device on flash should set to RX mode.

Figure Explanation

Press the button (on flash side transceiver) to activate camera shooting; in the mean time, flash and shutter are synchronized.

The device on flash should set to RX mode.

The device on camera should set to TX mode.

*The same group cannot be set on two RX, otherwise, the two lights cannot synchronized.

**The device install on the camera is transmitter ,
the device insert to the flash is receiver .**

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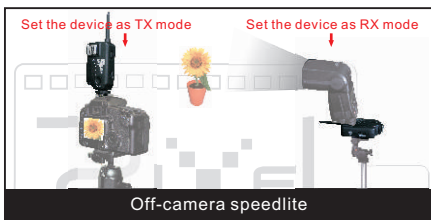

Receiver A、B will operate when transmitter set at A、B.

Receiver B will operate when transmitter set at B.

Receiver A will operate when transmitter set at A.

Transceiver attaches on camera hot shoe to trigger the off-camera flash.

Set the device as RX mode   Set the device as TX mode

Off-camera studio light

Set the device as TX mode   Set the device as RX mode

Off-camera speedlite

Shooting Control

Remote Shooting

Set the device as RX mode   Set the device as TX mode

Press shutter button to activate camera shooting

* Make sure set the lens as MF mode.

Master camera control the slave camera

Transceiver 1

Set the device as RX mode

Transceiver 2

Set the device as TX mode

Slave Camera

Master Camera

Half press release button of master camera, the main-control camera and all slave cameras will focus; fully press to activate all cameras shooting.

Caution

1. As camera response times can vary a little, there may be a slight delay between the cameras shooting. (or firing instead of shooting)

2. If cannot find the focus point; camera will not shoot even receiving the shooting signal. At this moment you should change the focus mode into manual mode "MF".

3. If not using the specific transmitter, the slave camera cannot activate focus mode.

Thank you for purchasing PIXEL product and read this instruction manual carefully. If you have any question please kindly to contact our local dealer or visit to http://www.pixelhk.com

The information updated at 1st March ,2012. Please contact the PIXEL reseller to get the information if you want to use this product combined with other latest product, which published after this date.

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