

 **Ubiq** present



*Firefox*  
Perfect high Speed Sync Solution

R1 B1 P1

Next Generation  
Wireless Trigger

**User Manual**

[www.ubiqkorea.com](http://www.ubiqkorea.com)

## Characteristics of products

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- The first next generation flash/ lighting wireless synchronizing system worldwide in the range of 2Ghz (patent is registered)
- PS function ( Perfect Sync)
  - Communication by analyzing wireless receiving rate through artificial intelligence
- 1:1 wireless synchronizing function – to communicate 1:1 without entanglement by symbolizing frequency
- Basic 10 channels
- Wireless release function of camera is basically mounted
- Smart design
- High speed synchronization
- Maximum distance of synchronization : 200m,  
Available synchronization distance under the worst conditions : 70m  
The distance of perfect synchronization : 30m,  
Available distance of wireless release synchronization : 100m
- AAA battery available to purchase anywhere
- Various accessories for taking picture

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The cautions for safety explains how to keep safety and how to prevent from financial loss. Please don' t fail to read user manual thoroughly and use product properly

## What is Firefox?

Firefox is the brand name of flash / lighting wireless synchronization system in the range of 2GHz which was developed by Ubiq and introduced in the market at the first time worldwide.

It is largely consisted of transmitter part, Firefox R1, receiver part, Firefox B1, using battery as power source, and receiver part, Firefox P1, using power source with 110-230V. Those who move frequently and make use of personal flash as normal lighting by synchronization use normally Firefox R1B1 set assembly, and those who make use of it as lighting in fixed places like studio use Firefox R1P1 set assembly.

## Configuration of products



## Name of each part

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Firefox R1



## Name of each part

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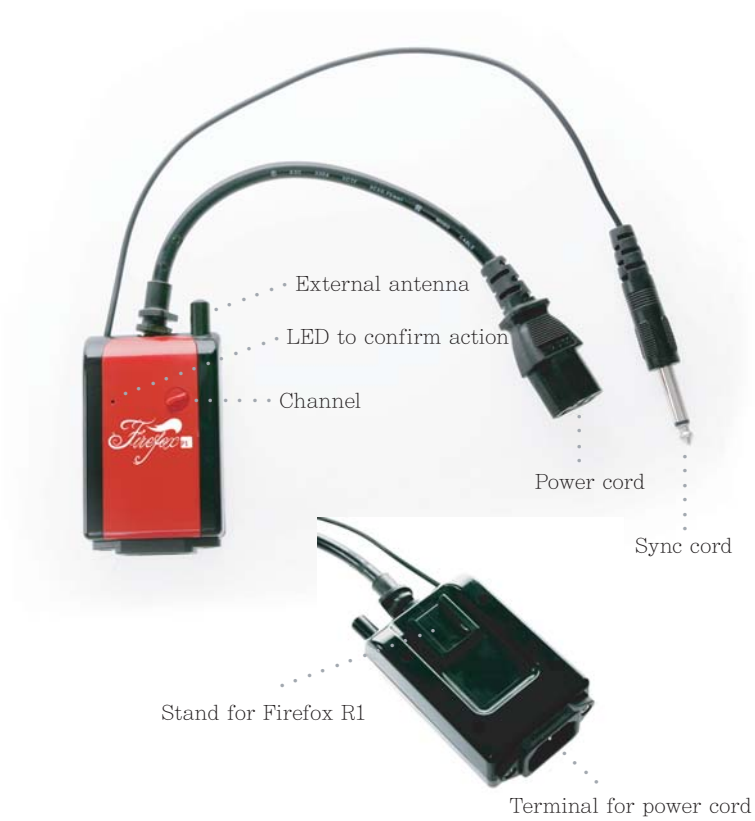
Firefox B1



## Name of each part

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Firefox P1



## Explanation for using Firefox R1B1

### Installation for Firefox R1B1 set



- ① Install Firefox R1 to camera hotshoe
- ② Install personal flash to the hotshoe of Firefox B1
- ③ For confirming action, push Test button and confirm  
Firefox R1's LED to confirm action

### Channel setting



Synchronization is available when Firefox R1 and Firefox B1 are set at same channel.

Basically, 1 1:1 channel, wireless Release channel, 7 normal channels are provided.

( In Firefox B1, 1 channel is used as Reset Channel)

- ※ In case of synchronizing several equipments at the same place.
- ex) In case of 1 Firefox R1 and 3 Firefox B1, one signal from Firefox R1 can control 3 flashes/lightings, when Firefox R1 and 3 Firefox B1 are set at normal channel 1, and 3 Firefox B1 are set at normal channel 1. If you want to control one, 1:1 channel makes it possible
- ※ The power of Firefox R1 and B1 is cut (OFF) automatically to prevent from power consumption, if there is no signal input for 1 hour. If you don't want to use the function of automatic power cut (OFF), this function can be blocked by setting at normal channel.

## Explanation for using Firefox R1B1

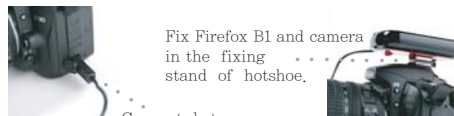
### Wireless release setting



- ① Set Firefox R1 and the channel of Firefox B1 at release channel
- ② Connect between the release terminal of Firefox B1 and that of camera through cable.
- ③ Take picture wirelessly through the function of semi shutter and full shutter in the shutter button of release.



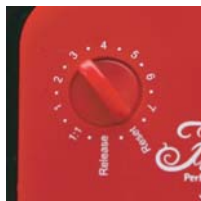
When it is set at wireless release Lock channel among channels, shutter cover of camera (Bulb mode of camera) is opened by pushing release button once and closed by pushing it twice.



Fix Firefox B1 and camera in the fixing stand of hotshoe.

Connect between release cable ( sold separately) and camera.

### ID Reset / ID Setting



- ID Reset  
When 3 seconds pass after setting the channel mode of Firefox B1 at Reset, then ID code stored in Firefox B1 is deleted with LED to confirm action blinking.
- ID Registration  
When the channel mode of Firefox R1 and that of Firefox B1 to be registered are set at release mode, then ID cord is registered by pushing the release button of Firefox R1 with Firefox B1's LED to confirm action blinking.  
Without the registration of ID code, 1:1 channel mode and release mode can not be used.



## Explanation for using Firefox R1P1

### Installation of Firefox R1P1 set



- ① Install Firefox R1 at Camera hotshoe
- ② After connecting power to Firefox P1, connect Sync cord and power cord to sync terminal of lighting.
- ③ Confirm Firefox P1's LED to confirm action by pushing Test button for confirming action.

### Channel Setting



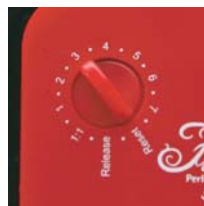
Synchronization is available when Firefox R1 and Firefox P1 are set at the same channel. Basically, 1 1:1 channel, wireless release channel, 7 normal channels are provided. (1 channel is used as Reset channel in Firefox P1)

- ※ In case of synchronizing several equipments in the same place.
- ex) In case of 1 Firefox R1 and 3 Firefox B1, one signal from Firefox R1 can control 3 flashes/ lightings, when Firefox R1 and 3 Firefox B1 are set at normal channel 1, and 3 Firefox B1 are set at normal channel 1. If you want to control one, 1:1 channel makes it possible.
- ※ There is the automatic function of power cut (OFF) in Firefox R1, but it does not exist in Firefox P1.

## Explanation for using Firefox R1P1

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### ID Reset / ID Registration



- ID Reset  
When 3 seconds passed after setting the channel mode of Firefox P1 at Reset, then ID code stored in Firefox B1 is deleted with LED to confirm action blinking
- ID Registration  
First of all, setting the channel mode of Firefox P1 at 1:1 mode, and setting the channel mode of Firefox R1 to be registered at 1:1 mode, then ID code is registered in Firefox P1 by pressing Test Button of Firefox R1 with Firefox R1's LED to confirm action blinking .  
Without the registration of ID code, 1:1 Channel mode is not operating

### The way to use the stand of Firefox P1



It is comfortable for management to keep unused Firefox R1 in the stand of Firefox P1.

## Cautions for safety

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### Firefox R1B1 set

The cautions for safety explains how to keep safety and how to prevent from financial loss. Please don't fail to read user manual thoroughly and use product properly.

- Check whether there are some equipments to emit strong electromagnetic wave around the place to take pictures. The synchronization distance of personal flash/ lighting can be shorten when receiver part is interfered by electromagnetic wave around the place taking picture. In this case, change channels or change sync cords to pay-cable.
- When error message, '99', is expressed in the one of Canon cameras, don't fail to change battery of Firefox R1 and Firefox B1. In spite of changing batteries, error message can be expressed just after changing it, when even one of 3 batteries is defective. In this case, change 3 batteries at the same time. In case of partial change, error message can be expressed too.
- Don't drop it or impact on it. As Firefox is a electronic product, so it is probably responded too sensitively to small impact.
- When change batteries, insert it after checking anode. Insertion must be done after checking the anode of battery and the anode( +, -) of the space to insert batteries. When the direction of battery is not correct, Firefox does not work.
- Don't fail to check the size and quantity of battery surely when batteries are changed. In Firefox R1, one AAA size battery is used, in Firefox B1, two AAA batteries are used.
- Remove batteries from Firefox when they are not used for long time.

## Cautions for safety

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### Firefox R1P1 set

The cautions for safety explains how to keep safety and how to prevent from financial loss. Please don't fail to read user manual thoroughly and use it properly.

- ★ Warning: Users may die or be injured severely when Firefox is not properly used.
  - Check whether there are equipments to emit strong electromagnetic wave around the place to take pictures.
  - Don't fail to insert plug to the end of inside to prevent from being moved. Instable connection can be a reason of setting fire.
  - Don't use loosed consent, damaged plug and power cord. These can be the reason of electric shock or fire.
  - Don't touch power plug with wet hand without fail. It can be the reason of electric shock.
  - Don't use several equipments to one consent at the same time. Fire can be set by the abnormal heat of consent.
  - Don't bend, haul power cord forcedly and be careful not to be weighed with heavy materials. It can set fire by electric shock.
- ★Cautions: Users can be injured severely or product can be damaged when the following accidents would take place.
  - When remove power plug, don't fail to grip it tightly. When cord is hauled, some of it's internal line can be cut. It can be a reason of fire.
  - Don't fail to remove power plug during cleaning a Firefox . It can be the reason of electric shock or fire.
  - Confirm whether the consent used has the function of grounding when strobo is used in old housings or constructions. When the consent without the function of automatic grounding is used, safety is secured by grounding it. As lighting stores a lot of direct current electricity in the state of power OFF, so fire can be set when it is shocked or leaked.

## Tip related to usage

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- The maximum shutter speed of Firefox R1B1 is 1/ 250 sec and R1P1 set can work normally under the shutter speed of 1 / 180 sec at maximum.
- When Firefox R1B1 set is used outdoor, we recommend to set camera mode at Tv mode (preferential mode of shutter speed) and use it with the exposure compensation together.
- Firefox R1 and Firefox B1 is automatically cut ( OFF) to prevent from power consumption when signal is not input for 1 hour.
- If the automatic function of power cut (OFF) is unnecessary, this function can be blocked when Firefox is set at normal channel 7.
- When personal flashes are more than 2 ea, more than 2 flashes can be available to use at the same time if Light sync is made use of.
- When Light sync is made use of ,the mode of flash should be set at M mode.
- The distance of synchronization : {The maximum distance of synchronization : 200m, The distance of synchronization under worst condition : 70m, The distance of perfect synchronization : 30m}
- Use internal antenna after adjusting direction upward. There could be some differences in receiving rate depending on direction of antenna whether it is upward or not.
- Confirm fuse when lamp does not light. When lamp does not light without problems with fuse, contact with service center.
- It is more efficient to use accessories like mini soft box and umbrella set together.

## Certificate of products

Thanks you for using Ubiq products.  
We provide services when you visit directly to the main office of Ubiq, dealer shop. Sometime service is provided by home delivery.

### Free Service

- We provide free service for 1 year when troubles take place due to the defect of performance and function while Firefox has been used normally.

### Paid Service

Service charge and the cost of components are imposed on the following case.

- When the purchasing date is not confirmed, warranty starts after 3 months based on manufacturing date.
  - When trouble takes place by the carelessness of customer.
  - When trouble takes place by natural disaster (Fire, Earthquake, Flood disaster, Thunderbolt)
  - When trouble takes place by defective power sources used.
  - When trouble takes place by connecting with troubled equipment.
  - When trouble takes place during changing consumable materials, (all sync cords, connecting cables)
- ※ As checking cost is borne to the services provided for undamaged products, so customer must read user manual in advance before applying for service.

Ways for application.

Service can be provided by home delivery or service man's visit after receiving call or application through homepage.

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Secho-Gu, Seoul, Korea

## Certified facts

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### 1. Specification of products

Frequency	2405MHz~2480MHz
Field strength	Below 10Mw
Modulation	GFSK
Speed of wireless data	2Mbps
Method to select of wireless channel	Multi Scan
Voltage	Firefox R1: 1.5V Firefox B1: 3V Firefox P1: 110~230V

## **FCC Information to User**

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 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.

## **Caution**

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC Compliance Information :** 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



[www.ubiqkorea.com](http://www.ubiqkorea.com)



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