



## PRODUCT DESCRIPTIONS

Riding bicycle is getting popular nowadays because more and more people take global warming and their health seriously. However, stealing bicycle also become a big problem. Bike Guardian provide a solution not only a brake light for riding safety but burglarproof. When some one want to steal your bicycle, the sensor in the device would detect the movement. The device of transmitter and receiver will both triger the alarm to warn you. You can have more time to save your bicycle.

## FEATURES

- All mode can be set by remote control
- Provide real time burglarproof alarm
- Provide warning and brake light to keep you safe in driving.
- Support Tx/Rx connectivity alarm

## SAFETY PRECAUTIONS

Please follow the safety precautions carefully before you use the product. Make sure that you use the product correctly according to the procedures described in the guide.

1. Never place the product close to equipment generating strong electromagnetic fields.

\* Exposure to strong magnetic fields may cause malfunctions.

2. Never plug or unplug the product if your hands are wet, otherwise it will may cause electrical shock.

3. Do not drop the product to the ground to avoid malfunction.

4. Do not attempt to disassemble or alter any part of the product that is not described in this guide.

5. Do not put heavy material on the product.

6. Do not use the product in a wet location.

\* In the event that water or other liquids enter the interior, immediately unplug the product from the computer.

\* When continuing usage of the product under above situation may cause fire or electric shock.

7. Do not place the product near a heat source or expose them to direct flame or heat.

8. Do not place the product in damp or dusty places.

## SPECIFICATIONS

### Transmitter

Size	92mmx59mmx59mm
Power (Operation time)	50hrs (AAA battery x 3)
Transmission Distance	50m typ. (Open Space)
Operating Temperature	0°C ~ +60°C (Excluding Battery)
Relative Humidity	5% ~ 95%, non-condensing.
Frequency	ISM, 2.4GHz ~ 2.5GHz
Output Power	0dBm, typ.
Power Supply	4.5V DC (typ.)
Red LED	Brake & Alarm Indicator (5 LEDs) 125 Lux (0 cm)
Voice	100 dB
Dust & Waterproof	IP65

### Receiver

Size	72mmx32mmx12mm
Power ( Operation time)	25hrs (AAA battery x 1)
Transmission Distance	50m typ. (Open Space)
Operating Temperature	0°C ~ +60°C (Excluding Battery)
Relative Humidity	5% ~ 95%, non-condensing
Frequency	ISM, 2.4GHz ~ 2.5GHz
Output Power	0dBm, typ.
Power Supply	1.5VDC (typ.)
Sensitivity	±8g for three axis (adjustable by software)
Red LED	Alarm Indicator
Blue LED	Daytime Indicator
Green LED	Nighttime Indicator
Yellow LED	Low battery Indicator
Voice	100 dB

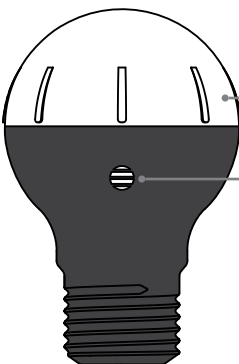
### Package List

Transmitter x1	Receiver x1	User manual x1
Stand x1	Screw (Small) x1	Screw (Big) x2

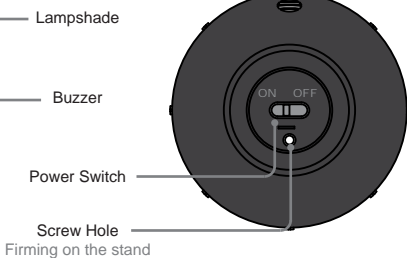
## PRODUCT OVERVIEW

### Transmitter

#### BOTTOM VIEW

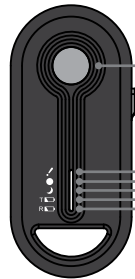


#### BACK VIEW



### Receiver

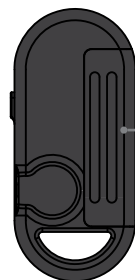
#### TOP VIEW



#### RIGHT VIEW



#### BOTTOM VIEW



Battery Cover

## GETTING STARTED

### Burglar Alarm Device Installation and Use



1. Left turn to take the lampshade off.

2. Left turn to remove screws.

3. Remove main printed circuit board (PCB).



4. Please follow the image on the battery holder to install 3 x AAA battery (please note the orientation of battery).



5. Right turn to firm screws on the battery holder.



5. Right turn to firm the lampshade.



6. Power on the device.  
The LEDs will twinkle once and  
buzzer will have a sound "bee"

### Remote Control Device Installation and Use



1. Take the battery cover off.  
2. Install 1 x AAA battery (please note the  
orientation of battery)  
3. Install battery cover.



4. Power on. The Blue LED will be lightened and  
buzzer will have a sound "bee"

### Stand Installation



1. Setup the stand at the prop under the seat.  
2. Right turn to firm the Bike Guardian on the stand.



3. Turn a suitable angle for firm the Bike Guardian on the stand in case of the shaking when riding.  
4. Turn an angle to make Bike Guardian parallel the road.

## APPLICATION

### Daylight mode

1. When both burglar alarm device and remote controller are powered on, the device will enter **Daylight mode** automatically.
2. In Daylight mode, the remote controller will have **Blue LED** lighting.
3. If user's device is in **Night mode** and want to change back to **Daylight mode**, press the function button until the Blue LED lights up. Then, release the function button.
4. If user press the brake of the bike when riding, the device can detect the motion and light up the brake light.

### Night mode

1. Press the function button of remote controller until **Green LED** lights up. Then, release the function button. And, LEDs of burglar alarm device will be twinkling. (default state)
2. Press the button of remote controller for once, the LEDs of burglar alarm device will be **twinkling randomly**.
3. If user press the brake of the bike when riding, the device can detect the motion and light up the brake light.

### Burglar Alarm Mode

1. Press and hold the function button on the remote controller until the **Red LED** lights up. Then, release the function button.
2. At this point the burglar alarm device will sound twice and LEDs will flashes twice as well. It means the product has entered the **Burglar Alarm mode**.
3. To enter the anti-theft mode after any move; shake or sloshing burglar alarm device, The transmitter and receiver will both trigger the buzzer and LEDs will keep flashing.
4. To release the Burglar Alarm function, press the button on the remote controller once.

### Other Setting

1. In burglar mode if it exceeds the **transmission coverage**, the remote controller will be constant beeping.
2. If the burglar alarm device is in **low battery**, the remote controller will beep and the Yellow LED will lights up. Please change the batteries if you have the situation.
3. If the remote controller is in **low battery**, the Yellow LED will lights up. Please change the battery if you have the situation.

## Federal Communication Commission Interference Statement

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.