

Wireless Doorbell  
(User manual)

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## 1. 【Product introduction】



Forrinx wireless doorbell is a brand new household electronic products .

The appearance adopts the western design idea of simplicity, elegant and unique fashion.

The electronic circuits are designed by paying more attention to the users' actual demand.

Lower power consumption is designed to help the users save power and extend the battery life.

High precision hardware design makes the doorbell reach 300M long wireless distance and reduce the limit of short distance.

## 2. 【Technical Theory】

Remote control (transmitter) is installed outdoors; doorbell (receiver) is installed indoors. And remote control is powered by battery, doorbell plug into socket.

When visitors come, push the remote control button, the transmitter's RF module will trigger the information into electrical signal, then into high frequency current. Through the helical antenna, the signal will turn into

electromagnetic signal, finally it is sent out as electromagnetic waves of the pre-set frequency.

Meantime, the indoor receiver module will receive the signal and transform it by the inverse way. In this theory, the host knows visitors are outside.

What's more, the products are processed with special encryption method, which ensures not to be interfered by other electronics.

### 3. 【Specification】 :

Package Include: transmitter\*1 + receiver\*1

Transmitter working voltage:  $\leq 12V$

Max. Field Strength : 74.05dBuV/m @3m(AV Max.)

Receiver working voltage: AC 120V /60HZ

Receiver power consumption: 0.5W

Sound Volume: 25-85db

Working frequency: 315.1MHZ

Alkaline battery: 12V 23A\*1 (Available purchase at supermarket)

### 4. 【Panel Introduction】



Touch button (outdoor): Push the button, the blue indicator will light up which means it works well.

Sound Volume button (indoor): Volume includes 4 levels, when you push it, volume will be lower level by level until the lowest level. Then it will turn back to highest level which is a cycle.

Chime optional button (indoor): totally 52 melodies (stereo) is built in. Click one time, it will choose one and accordingly music will automatically be played. Just stop clicking when you meet your favorite one, then music set up successfully.

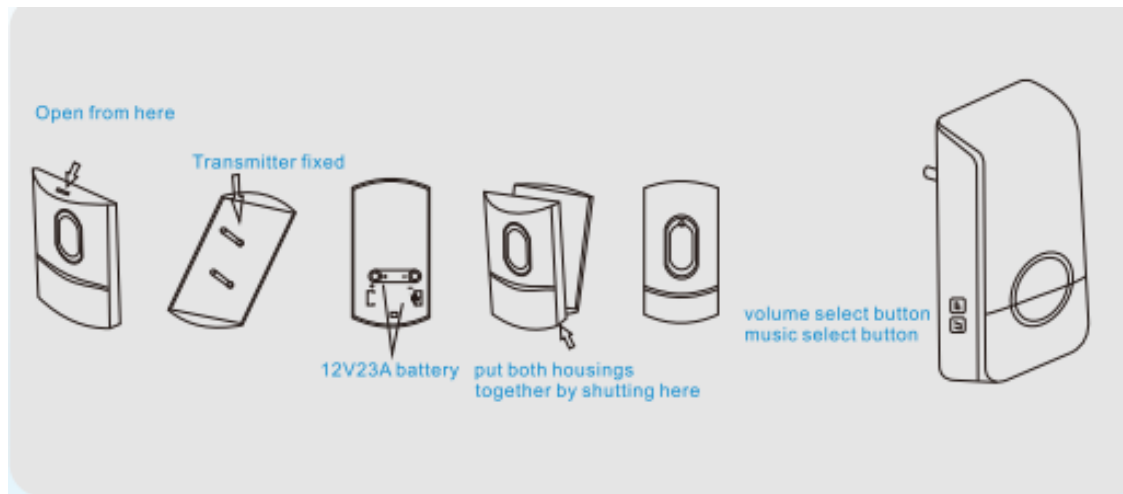
## **5、【Range of application】**

House, office, hotel service, community building, factory, construction site and other areas that is suitable for short-distance wireless environments

## **6. 【Notes】**

1. You'd better use the high quality alkaline battery, avoid using the ones with short life and easy leakage of electrolyte.
2. Be sure to protect the precision electronic components, nonprofessionals are not allowed to open it for maintenance.
3. Avoid installing the product to the exposure place under sun and long rains directly.
4. Correct use of the products helps to effectively extend the lifetime.
5. Forrinx's trademark, product appearance design and packing patent have been registered on record. All rights reserved.

## **7、【Method of installation】**



- 1、 Open the package, take the transmitter out and find out the groove on the top of cover, open it by finger or screwdriver, put 12V23A battery in, then close the cover.
- 2、 Method 1, stick the double-faced adhesive tape on the back of transmitter, tear another side of tape, paste the transmitter onto the wall, press hard. Method 2, there are screws grooves in the back cover of transmitter, it is available to punch holes and fix the transmitter by screws.
- 3、 When installation of transmitter is finished, plug the receiver in the power supply indoors, and it works.

**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.