

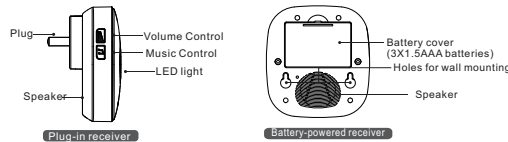
Installation Methods

Before installation, please test if the operating range you choose is working and set music/chime if needed.

1. Receivers Installation

a) Plug-in receiver: Just plug receiver into standard outlet in room, then it will work. Please choose music/chime or make pairing first if you want to add more transmitters.

b) Battery-type receiver: Put in three 1.5 AAA batteries, then you can choose whether to hang it up or just put it on desk.



2. Transmitter Installation Method 1: Screws & Anchors

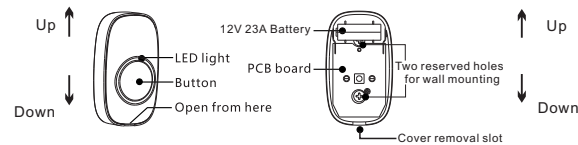
1) Weather-resistant transmitter

Please mount it under a protected area such as awning or canopy and in the right way up--Cover removal slot pointing down and button close to bottom.

- Open front cover from the BOTTOM and take out battery.
- Punch the 2 reserved holes for mounting under PCB board on back cover with a drill or screw driver. (See diagram on next page)

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- Make holes in the wall with an electronic drill and then insert 2 anchors provided in the package.
- Screw up the back cover with PCB board and then put back battery and front cover in right way. See diagram below.



2) Waterproof transmitter

Open front cover from the slot on the TOP with the mini screw driver provided in package; back cover with holes (see diagram below) for mounting will leave from front cover and PCB board. The following steps are same as weather resistant transmitter.

Please put back the front cover with PCB board in right way.



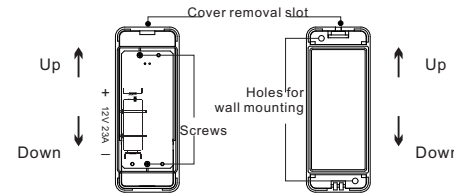
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Transmitter Installation Method 2: Adhesive Sticker

- Ensure all surfaces are clean by wiping the installation area with a clean cloth.
- After ensuring the correct operating range, tear off one side of the double-sided adhesive sticker and stick it to the underside of the transmitter; tear off the other side and stick it onto the wall and press for 10 seconds. (Please note that the sticker will have poor adhesion if you attach to a dirty or uneven surface. Sunlight or rain will also affect the adhesion over a longer period of time)

3. Battery Replacement of Waterproof Transmitter

- Use mini driver in package to point at the slot on top. Then push forward with proper strength to loosen front cover from back cover.
- Remove the 2 screws in PCB board with mini screw driver. See diagram below.
- Find battery beneath the PCB board, on the bottom left side.
- Change a new 12V 23A battery and then screw up the board, finally put back the front cover in right direction.



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Common Problems and Troubleshooting

Receiver suddenly can't get signal from transmitter and doesn't ring.

Reason 1: Low-power battery in transmitter. The less power in transmitter, the shorter range is.

Solution 1: Replace with a new battery.

Reason 2: Reset the receiver by accident so that transmitter is not paired with receiver any more.

Solution 2: Re-pair receiver with transmitter following the Operation Instructions.

Reason3: There's rust on the battery contacts or button area on PCB board of transmitter.

Solution 3: Remove the rust to see if it can re-work.

Receiver keeps ringing continuously and LED indicator of transmitter stays on.

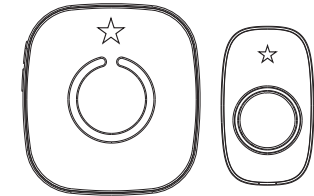
Reason: Raindrops have gone inside transmitter, which causes the short circuit and let transmitter keep transmitting signals.

Solution: Remove the battery and PCB board of transmitter and then dry them with a hair dryer. Change the install location of transmitter if necessary.

For further support, please visit www.sadotech.com

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Starpoint Expandable Series Wireless Multi Unit Doorbell System



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Product Introduction

SadoTech Starpoint Expandable wireless doorbells are with a learning code feature. They are configurable and can be expanded to work with 30 overall components, including additional receivers, doorbell buttons and sensors. For example, adding a door sensor or motion sensor can provide you with a motion activated door entry chime or entry alert system. Pairing additional parts can be done using a simple procedure in 10-15 seconds. The working range in open air can reach 1000 feet.

Product Features

- Modern and stylish design
- 600 feet operating range (up to 1000 feet in open area)
- 52 selectable music/chime
- 4-level adjustable volume
- Easy to install and use
- Bionic comfortable button
- Easy mix and match with more receivers, buttons and sensors
- Optional weather or water resistant doorbell buttons
- Low power consumption

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Contents

Receiver(s), Transmitter(s), 12V 23A battery inside transmitter, screws, anchors, adhesive stickers (Mini screw driver only for water resistant transmitter)

Intended Use

For homes, apartments, villas, offices, shops, warehouses and so on.

Parameters

Voltage of plug-in receiver	110V~250V (wide voltage)
Voltage of battery receiver	4.5 V (3 x 1.5V AAA batteries)
Battery in transmitters	12V 23A alkaline battery
Waterproof grade	IP 55 (for waterproof button)
Static power of plug-in receiver	< 65mW
Working power of plug-in receiver	1W
Working power of transmitter	< 10mW
Volume range	30~110dB
Working frequency	433.92 MHz±280KHz
Working temperature	-15°C~60°C
Working range	600 feet

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What You Should Know Before Installation

Doorbell's radio frequency signal can be affected by metal, walls, installation height, and interference signals from other device. SadoTech expandable doorbells can work within 600 feet range depending on the specific using environment.

1. Test the operating range you desire. Choose an electric outlet at the height of 3.3 feet at least and plug in the receiver; take the button outside the door to test if it can work well within the range you have chosen.

2. Set a desired music/chime (different or same one) for transmitters before installation. For music/chime setting, see Operating Instructions. Doorbells have been paired and set to a default chime (Ding Dong) before leaving factory.

3. Please do not install transmitter on metal doors since it is hard for the signal to transmit.


4. For weather-resistant transmitter, please mount it under a protected area such as awning or canopy. And please install it in the right way up--cover removal slot pointing down, see product structure diagram on page 7.

5. Operating range will become shorter and blue indicator turns less light if battery in transmitter is at low power status. Battery type is 12V 23A alkaline battery.


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Operating Instructions


1. Volume Adjustment


There are 4 levels of volume for choosing. Find the Volume Control Button  on left side of receiver. Press this button repeatedly to get desired volume level.

2. Music/Chimes Selection

There are 52 choices of music/chimes. Use Music Control Button  on receiver to cycle through the different music/chimes. To set and activate the chosen or desired music/chimes, follow step 3.

3. Pairing Transmitters and Setting Music/ Chime

a) Select a desired music/chime for one transmitter by pressing the Music Control Button  on receiver. (Refer to step 2)

b) Set Receiver into learning mode (pairing mode) by pressing the Volume Control Button  on receiver for 5 seconds. Then you will hear a "pairing alert chirp" and see fast CONTINUOUS LED flashing on the receiver--this will indicate the pairing ready status.

c) Next, quickly trigger the pairing process within 5 seconds (see Note 1) by pressing transmitter push button. You will hear the music/chime you selected, which means that your operation is completed successfully.

Note 1: You must trigger the transmitter within 5 seconds after entering learning mode since receiver will exit the mode automatically without getting signal from transmitter after 5s has passed.

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4. For Pairing Additional Transmitters

Just repeat Step 3a-3b-3c for each additional transmitter.

Note 2: Pair and set only one transmitter at a time to avoid interference and ensure successful operation. Different or the same music/chime can be set for multiple transmitters.

5. For Pairing Additional Sensors


Receiver also can work with other sensors. Our system supports up to 30 Transmitter or Sensor combinations.

Repeat Step 3a-3b-3c to add more Sensors. But the methods to trigger and set the pairing process differ for each type of sensor:

Door sensor: Separate the two parts of door sensor to trigger and set the pairing process until you see the indicator light up and hear the tune you selected. (Battery type: 1* AA battery)

Motion sensor: After entering learning mode, switch it on quickly; when indicators light up, wave your hand quickly in front of the sensor to trigger and set pairing process until you hear the tune you selected. (Time interval between 2 detections is 5 seconds. Battery type: 2*AAA batteries)

6. Reset (Clearing out Settings)

To clear out all settings, press the Music Control Button  for 5 seconds, you will hear a "pairing alert chirp" and see a SINGLE quick flash, then the music/chime of receiver will turn into the default one (Ding Dong) and pairing will be unset and cleared. You can trigger and press a transmitter to verify the unsetting.

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