

## SanJie DS17

# Sanjie Wireless Door Chime Instruction Manual

Model: DS17

## INTRODUCTION

The Sanjie Wireless Door Chime is a versatile security system designed to alert you when a door or window is opened. Ideal for homes, businesses, offices, and stores, this system provides peace of mind by notifying you of entries and exits. Its long working range, adjustable volume, and multiple chime options make it a reliable solution for monitoring various access points.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Sanjie Wireless Door Chime.

## WHAT'S INCLUDED

Your Sanjie Wireless Door Chime package includes the following components:

- Receiver Unit (1 or more, depending on package)
- Magnetic Sensors (4 or more, depending on package)
- Adhesive Tape for mounting
- Screws for mounting (optional)
- Product Manual (this document)
- Sensor Batteries (pre-installed 12V batteries)



Image: Main components of the Sanjie Wireless Door Chime system, showing the receiver and multiple sensors.

## SETUP INSTRUCTIONS

### 1. Plug in the Receiver:

Insert the receiver unit into a standard AC power outlet in a central location within your home or business. The receiver will power on and be ready for pairing.



## STEP 1

Plug the receiver in the socket

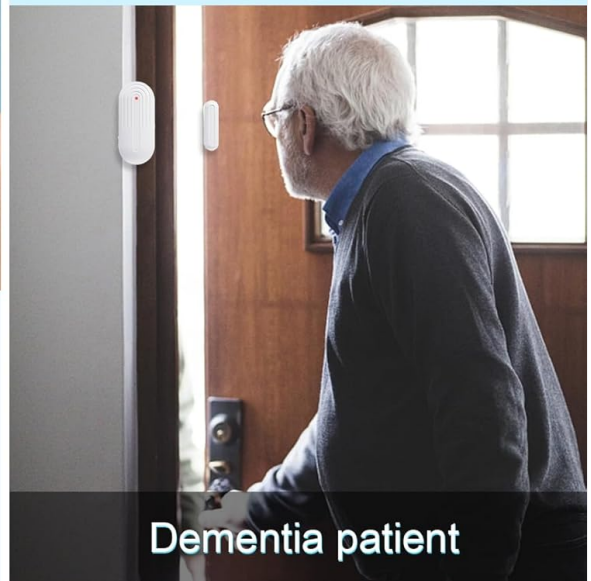


Scare off intruders



## STEP 2

Place magnetic part on the door or window with double-sided tape or screws. (Included in the package)  
Now you're ready to protect!



Dementia patient

Image: A hand plugging the receiver unit into a wall socket.

## 2. Mount the Magnetic Sensors:

Each magnetic sensor consists of two parts: a main sensor unit and a smaller magnetic strip. These two parts must be installed on a door or window frame so that they are aligned and less than 0.4 inches apart when the door/window is closed.

- Clean the surface where you intend to mount the sensors.
- Peel off the protective backing from the adhesive tape on both sensor parts.
- Attach the larger sensor unit to the door or window itself.
- Attach the smaller magnetic strip to the door or window frame, ensuring it aligns with the main sensor unit when closed. The gap between the two parts should be less than 0.4 inches (approximately 1 cm).
- Alternatively, use the provided screws for a more permanent installation.



Image: Visual guide for mounting the magnetic sensor parts using adhesive tape, highlighting the required close proximity.

### 3. Pairing Sensors with Receiver:

To pair a sensor with the receiver:

- Select your desired ringtone on the receiver using the Forward/Back buttons.
- Press and hold the middle volume key on the receiver for 5-8 seconds until you hear a "ding" sound. The LED light on the receiver will flash.
- Within 10 seconds, separate the two parts of the magnetic sensor you wish to pair. You will hear two "dingding" sounds from the receiver, indicating successful pairing.
- Repeat this process for all additional sensors you wish to pair. The receiver can be paired with up to 50 sensors.

You can set different ringtones for different doors/windows to easily identify which one has been opened.

## OPERATING INSTRUCTIONS

### Volume Adjustment

The receiver offers 5 adjustable volume levels, ranging from mute to 110dB. Use the Volume +/- buttons on the side of the receiver to cycle through the volume settings. The maximum volume of 110dB is designed to be audible throughout a large home or business.

An alarm with a maximum of 110 dB can be heard anywhere in the house and even scare off intruders



Image: Illustration of the various volume settings available on the receiver, from quiet to very loud.

## Chime Selection

The system features 55 ringtone options. Use the Forward and Back buttons on the receiver to browse and select your preferred chime. You can assign different chimes to different sensors, allowing you to distinguish which door or window has been opened.

## System Functionality

When a paired door or window is opened, the magnetic sensor separates, triggering the receiver to play the selected chime at the set volume. This provides an immediate audio alert for security or monitoring purposes.

The wireless working range is up to 600 feet (approximately 180 meters) in open areas. In indoor environments, obstacles like walls and metal structures can reduce the signal range. It is recommended to keep the working range less than 100 feet (30 meters) indoors for optimal performance.

The effective distance of the receiver and sensor is 500ft=150m, and different music can be set for each different door so you know which one is being opened



Image: A floor plan showing the effective wireless range of the door chime system in an open environment versus a home setting.

The system is expandable, allowing you to pair up to 50 sensors with a single receiver, or a single sensor with up to 50 receivers. This flexibility enables comprehensive coverage for various property sizes and needs.

Your browser does not support the video tag.

Video: A demonstration of the Sanjie Door Chime system in use, showcasing its functionality and sound alerts.

## MAINTENANCE

### Battery Replacement (Sensor)

The magnetic sensors are powered by 12V batteries (included). The upgraded design allows each battery to last for approximately 100,000 uses, providing 3-5 years of typical use before needing replacement.

To replace the sensor battery:

1. Use a small screwdriver to gently lift out the cover of the sensor unit.
2. Remove the screw securing the circuit board with a screwdriver.

- Carefully replace the old battery with a new CR2450 battery. Ensure correct polarity.
- Reassemble the sensor unit, ensuring the cover is securely in place.



Image: Step-by-step guide for opening the sensor and replacing its CR2450 battery.

The receiver unit is AC powered and does not require battery replacement.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No chime when door/window opens.	<ul style="list-style-type: none"> <li>Sensor parts are too far apart.</li> <li>Sensor battery is low or dead.</li> <li>Sensor not properly paired with receiver.</li> <li>Receiver is unplugged or not powered.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure sensor parts are less than 0.4 inches apart when closed.</li> <li>Replace sensor battery (CR2450).</li> <li>Re-pair the sensor with the receiver following the "Pairing Sensors with Receiver" steps.</li> <li>Ensure receiver is securely plugged into a working outlet.</li> </ul>
Chime is too quiet or too loud.	Volume level is not set to desired level.	Adjust volume using the Volume +/- buttons on the receiver.
Intermittent or weak signal.	<ul style="list-style-type: none"> <li>Excessive distance between sensor and receiver.</li> <li>Obstructions (thick walls, metal objects) interfering with signal.</li> </ul>	<ul style="list-style-type: none"> <li>Relocate receiver closer to the sensor.</li> <li>Ensure receiver is not placed behind large metal objects or thick walls.</li> </ul>
Receiver plays wrong chime for a sensor.	Sensor was paired with a different chime setting.	Re-pair the sensor with the receiver after selecting the desired chime.

## SPECIFICATIONS

Feature	Detail
Brand	SanJie

Feature	Detail
Model Number	DS17
Power Source (Receiver)	AC (120 Volts)
Power Source (Sensor)	12V Battery (CR2450 included)
Connectivity Technology	Wireless
Maximum Range	Up to 600 ft (180m) in open area
Volume Levels	5 (Mute to 110 dB)
Chime Options	55
Expandability	Up to 50 sensors per receiver / 50 receivers per sensor
Installation Type	Adhesive tape or Screw-In
Material	ABS
Item Weight	8.8 ounces (total package)
Product Dimensions	4.33 x 3.26 x 3 inches

## WARRANTY & SUPPORT

SanJie offers a **Lifetime Warranty** for this product. For any support inquiries, technical assistance, or warranty claims, please contact SanJie customer service through the retailer's platform or visit the official SanJie store online.

For more information, you may visit the [SanJie Store on Amazon](#).