

SanJie 2 Sensors +1 Receiver

SanJie WiFi Door Chime System User Manual

MODEL: 2 SENSORS + 1 RECEIVER

Brand: SanJie

1. INTRODUCTION

This manual provides comprehensive instructions for the SanJie WiFi Door Chime system, model 2 Sensors + 1 Receiver. This system is designed to alert you when a door or window is opened, providing notifications via a receiver chime and a mobile application. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

2. PACKAGE CONTENTS

- 1x Receiver
- 2x Sensors (batteries included)
- Adhesive tape
- Screws
- Product manual (this document)

3. PRODUCT OVERVIEW

The SanJie WiFi Door Chime system consists of a plug-in receiver and magnetic door/window sensors. When a sensor detects an opening, it sends a signal to the receiver, which then sounds an alarm and sends a notification to your connected mobile device.



Figure 3.1: SanJie WiFi Door Chime System Components and App Interface



Figure 3.2: Receiver and Sensor Components with Dimensions

Key Features:

- **WiFi Connectivity:** Connects to your mobile phone for remote push notifications (supports 2.4GHz WiFi only).
- **Alerts:** Receiver sounds a chime, and mobile phone receives a warning notification.
- **Customizable Chimes:** 20 selectable ringtones with 5 adjustable volume levels (0-110dB).
- **Memory Function:** Retains previous settings after power loss.
- **Expandable System:** Each receiver can pair with up to 20 magnetic sensors.
- **Sharing Function:** Share device access and alerts with family members via the app.
- **Multiple Applications:** Suitable for business entry alerts, child safety, elderly monitoring, and home security.

4. SETUP AND INSTALLATION

4.1 App Download and Account Creation

1. Download the **Tuya Smart** or **Smart Life** application from your mobile device's app store.
2. Create a user account and log in.

3. Ensure your mobile device's WiFi is connected to a **2.4GHz network** (5GHz networks are not supported) and Bluetooth is enabled.

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Video 4.1: Instructions on how to connect the SanJie WiFi Door Chime to the Tuya/Smart Life App, including initial setup steps.

4.2 Connecting the Receiver to the Mobile App

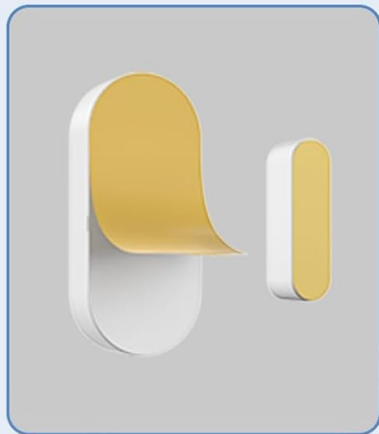
1. Plug the receiver into a standard electrical outlet. For optimal performance, place it no more than 33 feet (10 meters) from your WiFi router.
2. Open the Tuya Smart/Smart Life app.
3. On the app's home screen, tap the "+" icon to add a device, then select "Add Device".
4. Press and hold the "Backward" button on the receiver for 5-10 seconds until the indicator light flashes rapidly, indicating pairing mode.
5. In the app, confirm the device is found and enter your 2.4GHz WiFi network name and password.
6. Wait for the connection to complete. The app will confirm successful addition.



Figure 4.2: Steps to Connect the Receiver to the Mobile App

4.3 Installing and Connecting Sensors

1. On the app's home screen, select the connected receiver. Tap the bell icon at the bottom to add a sensor.
2. Separate the two parts of a sensor to trigger it. The sensor's indicator light will flash, sending a signal to the receiver.
3. The app will detect and add the sensor. Repeat for all additional sensors.
4. To physically install, remove the double-sided adhesive tape from the back of each sensor part.
5. Attach the sensor parts to the desired location (e.g., door, window, cabinet, refrigerator). Ensure the two parts are aligned and the gap between them is less than 0.4 inches (1 cm) when the door/window is closed.
6. The maximum indoor distance between a sensor and the receiver is 100 feet (30 meters). Note: The sensors may not function optimally on metal doors due to interference.



1 Remove the double sided tape



2 Stick it where you want it



3 Spacing is less than 0.4in



Figure 4.3: Sensor Installation Steps and Receiver Features



Protecting Children's Safety



Protecting the Safety of the Elderly



Protect Your Home's Security

Figure 4.4: Optimal Placement Distances for Components

5. OPERATING INSTRUCTIONS

5.1 Customizing Sensor Settings (Ringtone, Volume, Name)

1. In the app, tap on a specific sensor to enter its settings page.
2. You can rename the sensor (e.g., "Front Door," "Bedroom Window").
3. Choose from 20 available ringtones.
4. Adjust the volume level (5 levels, 0-110dB).
5. Set the ringing duration and delay time.
6. Select the receiver mode (Light & Sound, Sound only, Light only).
7. Tap "Save" to apply changes.

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Video 5.1: Guide to customizing sensor settings, including chimes, volume, and sensor names via the app.



Figure 5.2: App Interface for Sensor Settings

5.2 Customizing Receiver Settings

1. From the app's home screen, tap the three dots (...) in the upper right corner of the receiver's card.
2. Select "Device Information" to rename the receiver.
3. Enter the desired name and confirm.

5.3 Do Not Disturb Time Setting

You can set specific time periods during which the receiver will not sound an alarm, though app push notifications will still be received. Up to 10 such periods can be configured.

1. From the receiver's settings page, tap "More" then "Do not disturb time setting."
2. Tap "Add" to create a new period.
3. Set the desired Start Time, End Time, and Repeat days.
4. Tap "Sure" to save the settings.



Figure 5.3: Setting Do Not Disturb Times

5.4 Sharing Function Settings

The system allows you to share device access and notifications with other users, such as family members or colleagues. App notifications are free.

1. From the receiver's settings page, tap "Share Device."
2. You can share by adding a Tuya account or by generating a sharing link.
3. Note: The person receiving the share must first download the app and create an account.

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Video 5.4: Instructions on how to share the device with multiple users via the app.



Figure 5.5: Sharing Device with Family Members

5.5 Clearing Transmitters

If you need to remove a sensor from the system, you can clear it via the app.

1. From the receiver's settings page, tap "More" then "Clear all accessories."
2. Confirm to clear all currently paired sensors.
3. Alternatively, swipe left on an individual sensor in the app's home screen and tap "Delete" to remove it.

5.6 APP Notification Settings

To ensure you receive alerts, verify that the Tuya Smart/Smart Life app has permission to send notifications

on your mobile device.

1. Go to your phone's main Settings menu.
2. Find and select the Tuya Smart or Smart Life app.
3. Navigate to "Notifications" and ensure "Allow Notifications" is enabled. Customize alert styles (Lock Screen, Notification Center, Banners) and sounds as desired.



Figure 5.6: App Notification Settings

5.7 How the Device Works

When a door or window with an installed sensor is opened, the magnetic contact is broken. This triggers the sensor to send a signal to the receiver. The receiver then emits a customizable chime, and simultaneously, a push notification is sent to all connected mobile devices via the app. This provides real-time alerts for various scenarios.

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Video 5.7: Overview of the WiFi Door Chime's features and how it functions.



Figure 5.8: Real-time Alerts and Notifications



Figure 5.9: Diverse Usage Scenarios

6. MAINTENANCE

6.1 Battery Replacement

The sensors are powered by CR2450 Lithium Metal batteries. When the battery is low, the sensor's indicator light may not flash, or its performance may degrade. Replace batteries as needed.

1. Use a small screwdriver to gently lift the cover of the sensor.
2. Remove the screw securing the circuit board.
3. Carefully replace the CR2450 battery, ensuring correct polarity.
4. Reassemble the sensor.



Figure 6.1: Sensor Battery Replacement Steps

6.2 Cleaning

Wipe the receiver and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the devices.

7. TROUBLESHOOTING

- **No Connection to WiFi:** Ensure your router is broadcasting a 2.4GHz WiFi signal. The system does not support 5GHz WiFi. Verify the receiver is within 33 feet of the router. Check that the WiFi password is entered correctly in the app.
- **Sensor Not Triggering:** Check the sensor's battery. Ensure the two sensor parts are installed with a gap of less than 0.4 inches when closed. Verify the sensor is within 100 feet of the receiver.
- **False Alarms:** Ensure the sensor parts are securely mounted and do not shift. Check for any magnetic interference nearby.
- **No Chime from Receiver:** Check the volume setting in the app. Ensure the receiver is plugged in and powered on. Verify the receiver mode is set to "Light & Sound" or "Sound only."
- **No App Notifications:** Confirm that the Tuya Smart/Smart Life app has notification permissions enabled in your phone's settings. Check your phone's internet connection.
- **Issues with Metal Doors:** The system may experience reduced performance or connectivity issues when installed on metal doors due to signal interference. Consider alternative placement or materials if possible.

8. SPECIFICATIONS

Feature	Specification
Voltage	120 Volts (AC)
Noise Level	110 Decibels (Max)
Mounting Type	Protruding
Size (Model)	2 Sensors + 1 Receiver
Item Weight	6.7 ounces
Product Dimensions	4 x 3 x 2 inches
Batteries (Sensors)	2 Lithium Metal batteries (CR2450, included)
Material	ABS
Shape	Rectangular
Wattage	1 watts
Installation Method	Screw-In & Self-Adhesive
Coverage (Range)	500 FT (Wireless)
Indoor Range (Sensor to Receiver)	Up to 100 FT
WiFi Compatibility	2.4GHz only (does not support 5GHz)
Average Battery Life	1 year

9. WARRANTY AND SUPPORT

The SanJie WiFi Door Chime system comes with a **Lifetime Warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact SanJie customer service through the platform where the product was purchased or refer to the contact information provided with your product packaging.