

TOWODE SANM120

TOWODE SANM120 Motion Sensor Alarm Instruction Manual

Model: SANM120 | Brand: TOWODE

1. INTRODUCTION

The TOWODE SANM120 Motion Sensor Alarm is a versatile device designed to enhance security and provide convenience in various environments. Featuring advanced infrared motion detection, multiple chime options, adjustable volume levels, and remote control operation, this alarm system is suitable for homes, shops, offices, and garages. It offers three distinct operating modes: Welcome Mode, Alarm Mode, and Smart Mode, catering to different user needs.

2. PRODUCT FEATURES

- **Motion and Visual Alarm:** Intelligent detection with a range of 6-8 meters. Emits a flash and an alarm up to 110dB upon motion detection.
- **17 Voices Option:** Choose from 11 national language 'Welcome' messages (American English, English, French, Russian, Spanish, Portuguese, Thai, Japanese, Korean, Malay, Arabic) and 6 other melodies (doorbell, chime sounds, bird sound, dog bark, monitoring attention).
- **Multiple Functions:** Features Welcome Mode, Alarm Mode, and Smart Mode.
- **4 Volume Levels:** Adjustable volume from 25dB to 110dB.
- **Two Types of Charging:** Powered by 3 AAA batteries (not included) or a USB cable (not included).
- **Remote Control:** Operate the device with the included remote control, effective up to 8 meters.
- **Low Battery Reminder:** Alerts when batteries need replacement.
- **Easy Installation:** Can be installed using double-sided tape or screws (accessories included).

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Motion Detector Unit
- Remote Control
- Instruction Manual
- Wall Anchor Screws
- Double-sided Tape
- Thin Aluminum Sticker (for narrowing detection range)

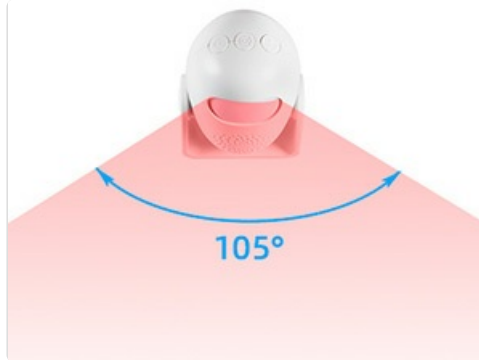


Image: Contents of the TOWODE SANM120 package, showing the motion detector, remote control, instruction manual, wall anchor screws, and double-sided tape.

4. SETUP

4.1 Powering the Device

The motion sensor alarm can be powered in two ways:

1. **AAA Batteries:** Insert 3 AAA batteries (not included) into the battery compartment. Ensure correct polarity.
2. **USB DC5V Power:** Connect a Micro USB cable (not included) to the Micro-USB Port on the device and to a DC5V power source.

The remote control is powered by 1 coin cell battery (included). Remember to remove the insulation sheet from the remote control before first use.



Image: The motion sensor alarm showing options for power via Micro USB cable or 3 AAA batteries.

4.2 Installation

The device offers flexible installation options:

- **Tabletop Placement:** Simply place the device on a flat surface.
- **Adhesive Mounting:** Use the provided double-sided tape to fix the device to a clean, dry surface.
- **Screw Mounting:** Secure the device using the provided screws and wall anchors.

The adjustable bracket allows for a 180-degree rotation, enabling you to set various angles for optimal detection.

11 kinds of [welcome]

Include American, English, French, Russian, Spanish, Portuguese, Thai, Japanese, Korean, Malay, Arabic.

Low Battery Remind

The welcome host play "low battery" when detecting the welcome host or remote control if low battery, and the batteries need to be replaced or USB charging.



Bracket Adjustable

Which allows the detector to be moved through a 180 degree arc, and set at various angles throughout that arc.

Note: The remote control can freely select the music of the previous or next song & volume.

Image: Three installation methods: directly on a table, fixed with double-sided glue, and fixed with screws.

5. OPERATING INSTRUCTIONS

5.1 Device Controls

The motion sensor alarm has buttons on top for direct control and can also be operated via the remote control.

- **Power On/Off:** Long press the power button on the device.
- **Mode Switch:** Short press the mode button on the device to cycle through modes.
- **Volume Adjustment:** Use the volume buttons on the device or remote to adjust between 4 levels.
- **Ringtone Selection:** Use the ringtone selection buttons on the device or remote to choose from 17 options.

★★★★★ I love these alarms
Reviewed in the United States on May 17, 2023
Color: Motion Sensor Alarm-2Pack | **Verified Purchase**
They make great, "ha ha I caught you" alarms. They are sensitive and work very well. Dogs are frightened when they go where they're not supposed to and the alarm goes off.



Image: Detailed diagram of the motion sensor alarm showing the power/mode switch, detection window, speaker, Micro-USB port, battery slot, and adjustable bracket.

★★★★★ It's loud enough.
Reviewed in the United States on August 28, 2023
Color: White | **Verified Purchase**
It's loud enough, and the barking dog has surprised me when I have not turned it off when I have entered my house. It's small enough not to be noticed. It detects all motion, but does not detect through window glass very well. I really love it and I bought another one. Now I have 2 barking dogs., love them.



Image: Detailed diagram of the remote control showing buttons for power on/off, welcome/smart mode, volume up/down, ringtone selection, and alarm mode.

5.2 Operating Modes

The device features three distinct operating modes:

- **Welcome Mode:** When motion is detected, the device will play a specified 'welcome' sound. This is ideal for entryways in shops or homes.
- **Smart Mode:** Similar to Welcome Mode, but the detector will not activate for the first 3 seconds after sensing motion (LED light on). This allows for brief passages without triggering the sound.
- **Alarm Mode:** Upon detecting motion, the device will emit a continuous, loud alarm sound. This mode is designed for

security purposes. To turn off the alarm, press the Mode button. The alarm typically sounds for around 20 seconds.

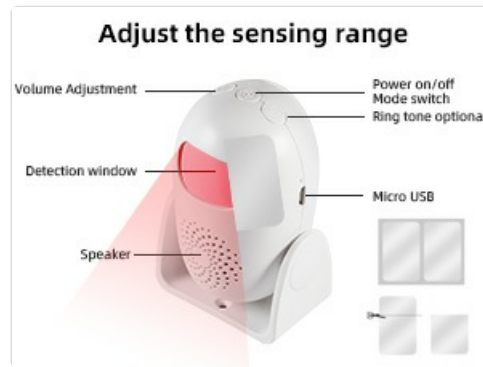


Image: A person entering a store, triggering the motion sensor alarm in Welcome Mode, playing a 'Hello, welcome!' sound.



Image: A motion sensor alarm in Alarm Mode, detecting a person near a car and emitting an alarm.

5.3 Ringtone Options

The device offers a wide selection of 17 ringtones, including 'Welcome' in 11 languages and various other sounds like doorbell, chime sounds, bird sound, dog bark, and a monitoring attention prompt.



Image: The motion sensor alarm displaying various 'Welcome' messages in different languages, part of the 17 ringtone options.

5.4 Detection Range

The infrared detection distance is typically 6-8 meters. The remote control distance is up to 8 meters. Actual performance may vary based on environmental factors and temperature.

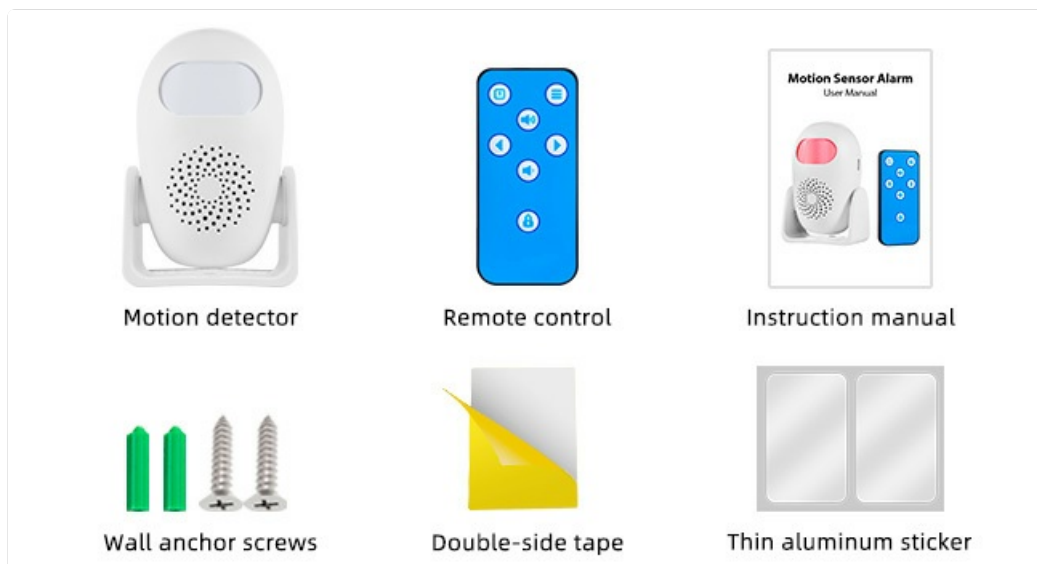


Image: A diagram illustrating the 6-meter infrared detection distance of the motion sensor alarm, with a note that actual time is affected by environment and temperature.

To narrow the sensing range, you can use the provided thin aluminum paper to stick over parts of the sensing area.



Image: Instructions on how to adjust the sensing range by covering parts of the detection window with thin aluminum paper.

5.5 Remote Control Operation

The remote control allows for convenient operation of the motion sensor alarm from a distance of up to 8 meters. It includes buttons for power on/off, switching between Welcome/Smart modes, adjusting volume, selecting ringtones, and activating Alarm mode.

Video: Demonstrates how to use the TOWODE motion sensor alarm, including powering on, switching modes (Welcome, Smart, Alarm), adjusting volume, and changing ringtones using both the device buttons and the remote control. It also shows the detection range in an outdoor setting.

6. SPECIFICATIONS

Feature	Specification
Brand	TOWODE
Model Number	SANM120
Power Source	Battery Powered (3 AAA) / USB DC5V
Item Weight	0.54 Pounds (approx. 8.6 ounces)
Maximum Detection Range	6-8 Meters

Maximum Remote Range	8 Meters
Volume Levels	4 (25dB-110dB)
Ringtones	17 options (11 'Welcome' languages + 6 melodies)
Mounting Type	Tabletop, Adhesive, Screw-in
Material	ABS
Product Dimensions	3.62 x 2.4 x 2.09 inches

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals or abrasive materials.
- **Battery Replacement:** The device has a low battery reminder function. Replace AAA batteries promptly when indicated to ensure continuous operation. For the remote, replace the coin cell battery as needed.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage. Store in a cool, dry place.

8. TROUBLESHOOTING

- **Device not powering on:** Ensure batteries are correctly inserted and charged, or that the USB cable is properly connected to a power source. Check the remote control's insulation sheet is removed.
- **No motion detection:** Verify the device is powered on and in the correct operating mode. Ensure the detection window is clear of obstructions. Adjust the device's angle or position. Environmental factors like extreme temperature changes can affect detection.
- **Alarm/Chime not sounding:** Check the volume level. Ensure the device is not in a silent mode.
- **Remote control not working:** Check the remote control's battery. Ensure there are no obstructions between the remote and the device. The remote requires alignment with the device for optimal function.
- **False alarms:** Ensure the device is placed away from direct sunlight, heat sources, or strong air currents that might trigger the sensor. Consider narrowing the detection range with the provided aluminum sticker if small animals are causing unwanted triggers.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase or visit the official TOWODE website. Keep your purchase receipt as proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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