

Yale YSGA02-W

Yale Mini Wireless Alarm Kit (Model YSGA02-W) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

Welcome to the Yale Mini Wireless Alarm Kit user manual. This guide provides essential information to help you install, operate, and maintain your new security system. The Yale Mini Wireless Alarm Kit is designed to provide a reliable security solution for sheds, garages, outbuildings, and caravans, offering protection against unauthorized access.

Please read this manual thoroughly before installation and keep it for future reference.

1.1 Safety Information

- Ensure all components are handled with care.
- Do not expose the alarm unit or its components to extreme temperatures, direct sunlight, or moisture.
- Use only the specified battery types for each component. Incorrect battery usage may lead to damage or malfunction.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Dispose of used batteries according to local regulations.

2. PRODUCT OVERVIEW

The Yale Mini Wireless Alarm Kit (Model YSGA02-W) is a standalone, wire-free, and battery-operated security system. It includes the following main components:

- **Main Alarm Unit (PIR/Siren):** Integrates a Passive Infrared (PIR) motion detector and a 130dB siren. Features a 4-digit PIN code keypad.
- **Door/Window Contact:** Detects when a door or window is opened.
- **Key Fob:** For convenient arming and disarming of the alarm system.



Figure 2.1: The complete Yale Mini Wireless Alarm Kit contents, including the main alarm unit, door contact, key fob, instruction manual, and mounting accessories, displayed alongside its retail packaging.





Figure 2.2: A detailed view of the primary components of the Yale Mini Wireless Alarm Kit: the main alarm unit with its motion sensor and keypad, the two-part door/window contact, and the compact key fob.

2.3 Main Alarm Unit (PIR/Siren)

This unit is the central component of the alarm system. It detects motion within an 8-meter range and activates a loud 130dB siren upon detection. It also features a built-in keypad for PIN code entry.





Figure 2.3: Close-up front view of the main alarm unit, showing the motion sensor lens at the top, the Yale logo, and the numbered keypad (1, 2, 3, 4) surrounding a central button.

2.4 Door/Window Contact

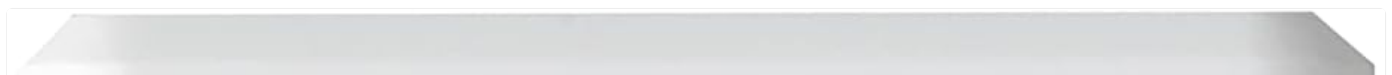
The door/window contact consists of two parts that are mounted on a door/window and its frame. When the two parts are separated (i.e., the door/window is opened), the alarm is triggered.



Figure 2.4: The Yale door/window contact sensor, showing its two white components designed to be mounted adjacent to each other on a door or window and its frame.

2.5 Key Fob

The key fob allows for convenient wireless arming and disarming of the alarm system from up to 70 meters away. It typically features buttons for arming (locked padlock icon) and disarming (unlocked padlock icon).





ON





Figure 2.5: The Yale key fob, a small white device with two buttons: one featuring a locked padlock icon for arming, and another with an unlocked padlock icon for disarming the alarm.

3. SETUP

3.1 Battery Installation

All components are battery-powered. Ensure you install fresh batteries before initial use. Refer to the specific component for battery type and orientation.

- **Main Alarm Unit:** Open the battery compartment on the back of the unit. Insert the required batteries, observing polarity (+/-).
- **Door/Window Contact:** Slide open the cover to access the battery compartment. Insert the battery, ensuring correct polarity.
- **Key Fob:** The key fob typically comes with a pre-installed battery, often with a pull-tab to activate it. Remove the tab if present.

The system is designed for easy setup and components are pre-linked for convenience.

3.2 Mounting the Alarm Unit

The main alarm unit can be wall-mounted or used free-standing.

- **Wall Mounting:**
 1. Choose a location that provides optimal motion detection coverage (e.g., a corner or high wall).
 2. Ensure the unit is positioned to avoid direct sunlight or heat sources, which can cause false alarms.
 3. Use the provided screws and wall plugs to securely mount the bracket, then attach the alarm unit to the bracket.
- **Free-Standing:** Place the unit on a stable, elevated surface where its motion sensor has a clear line of sight to the area you wish to protect.



Figure 3.1: The main alarm unit installed on a wooden shed wall, demonstrating a typical mounting location for optimal coverage.



Figure 3.2: The main alarm unit positioned on a shelf within a garage, illustrating a free-standing setup for monitoring the space.

3.3 Mounting the Door/Window Contact

Mount the two parts of the door/window contact on the door/window and its frame. Ensure they are aligned and within 1 cm of each other when the door/window is closed.

- Use the provided adhesive pads or screws for secure attachment.
- Test the contact by opening the door/window to ensure the alarm triggers (if armed).

3.4 Setting Your PIN Code

The main alarm unit allows you to set a personal 4-digit PIN code for arming and disarming. Refer to the quick start guide included in your kit for specific instructions on how to program your PIN code. Typically, this involves entering a default code, then a new code, and confirming it.

4. OPERATING THE ALARM SYSTEM

4.1 Arming the Alarm

- **Using the Key Fob:** Press the locked padlock button on the key fob. The alarm unit will typically emit a confirmation sound or flash an indicator light.
- **Using the Keypad:** Enter your 4-digit PIN code on the main alarm unit's keypad. The unit will confirm arming.

Once armed, the motion detector and door/window contact become active. There may be a short exit delay to allow you to leave the protected area.

4.2 Disarming the Alarm

- **Using the Key Fob:** Press the unlocked padlock button on the key fob. The alarm unit will emit a confirmation sound or flash an indicator light.
- **Using the Keypad:** Enter your 4-digit PIN code on the main alarm unit's keypad. The unit will confirm disarming.

If the alarm is triggered, disarming it will silence the siren.

4.3 Alarm Trigger and Siren

The alarm will trigger if:

- Motion is detected by the PIR sensor while the system is armed.
- The door/window contact is separated while the system is armed.

Upon triggering, the 130dB siren will activate, drawing attention to the protected area. The siren will typically sound for a set duration or until the alarm is disarmed.

5. MAINTENANCE

5.1 Battery Replacement

The alarm components are designed for long battery life (approximately 18 months). The main alarm unit will typically provide a low-battery warning (e.g., a specific LED indicator or sound). Replace batteries promptly to ensure continuous protection.

- Refer to Section 3.1 for battery installation instructions.
- Always use new, high-quality batteries of the specified type.

5.2 Cleaning

Clean the alarm unit and sensors periodically with a soft, dry cloth. Do not use abrasive cleaners, solvents, or spray directly onto the units, as this can damage the electronics or plastic surfaces.

5.3 Regular Checks

It is recommended to test your alarm system regularly (e.g., monthly) to ensure all components are functioning correctly. Arm the system and trigger each sensor (motion, door/window contact) to verify the siren activates.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm does not arm/disarm with key fob.	Key fob battery is low or dead. Out of range. Interference.	Replace key fob battery. Move closer to the main alarm unit. Check for other wireless devices causing interference.
Alarm does not trigger when motion is detected.	Alarm is not armed. PIR sensor blocked or improperly positioned. Main alarm unit battery low.	Ensure the alarm is armed. Adjust the position of the unit for clear line of sight. Replace batteries in the main alarm unit.
False alarms.	PIR sensor detecting pets or moving objects (e.g., curtains). Unit exposed to direct sunlight or heat sources. Door/window contact misaligned.	Reposition the PIR unit to avoid false triggers. Relocate the unit away from heat sources or direct sunlight. Realign the two parts of the door/window contact.
Siren is weak or not sounding.	Main alarm unit battery low.	Replace batteries in the main alarm unit.

7. SPECIFICATIONS

Feature	Detail
Model Number	YSGA02-W
Brand	Yale
Siren Volume	130 dB
Motion Detector Range	8 meters
Key Fob Range	Up to 70 meters
Power Source	Battery Powered (Alkaline or Lithium)
Product Dimensions	5.5 x 5 x 19.5 cm
Item Weight	0.28 Kilograms
Mounting Type	Wall Mount
Recommended Uses	Sheds, garages, outbuildings, caravans

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

This Yale Mini Wireless Alarm Kit comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, unauthorized modification, accident, or improper installation.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please visit the official Yale website or contact their customer support department. Contact details can typically be found on the product packaging or the manufacturer's website.

Please note: Specific contact information is not provided in this manual. Refer to your product packaging or the Yale website for the most up-to-date support details.

© 2024 Yale. All rights reserved.

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

Email

you@example.com

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