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briidea HOBA-02

Briidea Chair Alarm System: User Instruction Manual

Model: HOBA-02

1. INTRODUCTION

The Briidea Chair Alarm System is designed to assist caregivers in monitoring individuals who may be at risk of falling or wandering from their chairs. This system provides an audible and visual alert when pressure is removed from the sensor pad, indicating that the user has left their seat. This manual provides essential information for the proper setup, operation, and maintenance of your chair alarm system.

2. PRODUCT COMPONENTS

The Briidea Chair Alarm System includes the following components:

- **Alarm Unit:** The main device that emits sound and light alerts.
- **Pressure Sensor Pad:** A PVC seat cushion that detects when a user leaves their seat.
- **Connection Cable:** To connect the sensor pad to the alarm unit.
- **Mounting Accessories:** Screws, 3M adhesive tape, and a hanging rope for installation.



Figure 2.1: Briidea Chair Alarm System, showing the alarm unit and pressure sensor pad.

3. SETUP AND INSTALLATION

Follow these steps to set up your Briidea Chair Alarm System:

- 1. Insert Batteries:** Open the battery compartment on the alarm unit and insert the required batteries (not included).
- 2. Place Sensor Pad:** Position the pressure sensor pad on the seat of the chair or wheelchair where the user will be sitting. Ensure it is flat and securely placed.
- 3. Connect Pad to Alarm Unit:** Plug the connection cable from the sensor pad into the designated port on the alarm unit.
- 4. Mount Alarm Unit:** Choose one of the following installation methods for the alarm unit:
 - **Screw Installation:** Use the provided screws to attach the alarm unit to a stable surface, such as the back of a wheelchair.
 - **3M Adhesive Tape:** Apply the 3M adhesive tape to the back of the alarm unit and press firmly onto a clean, dry surface.
 - **Hanging Rope:** Use the hanging rope to secure the alarm unit to a suitable location, ensuring it is easily accessible for caregivers.
- 5. Test the System:** Press the 'TEST' button on the alarm unit to ensure it is functioning correctly. The alarm should sound and the LED light should flash.

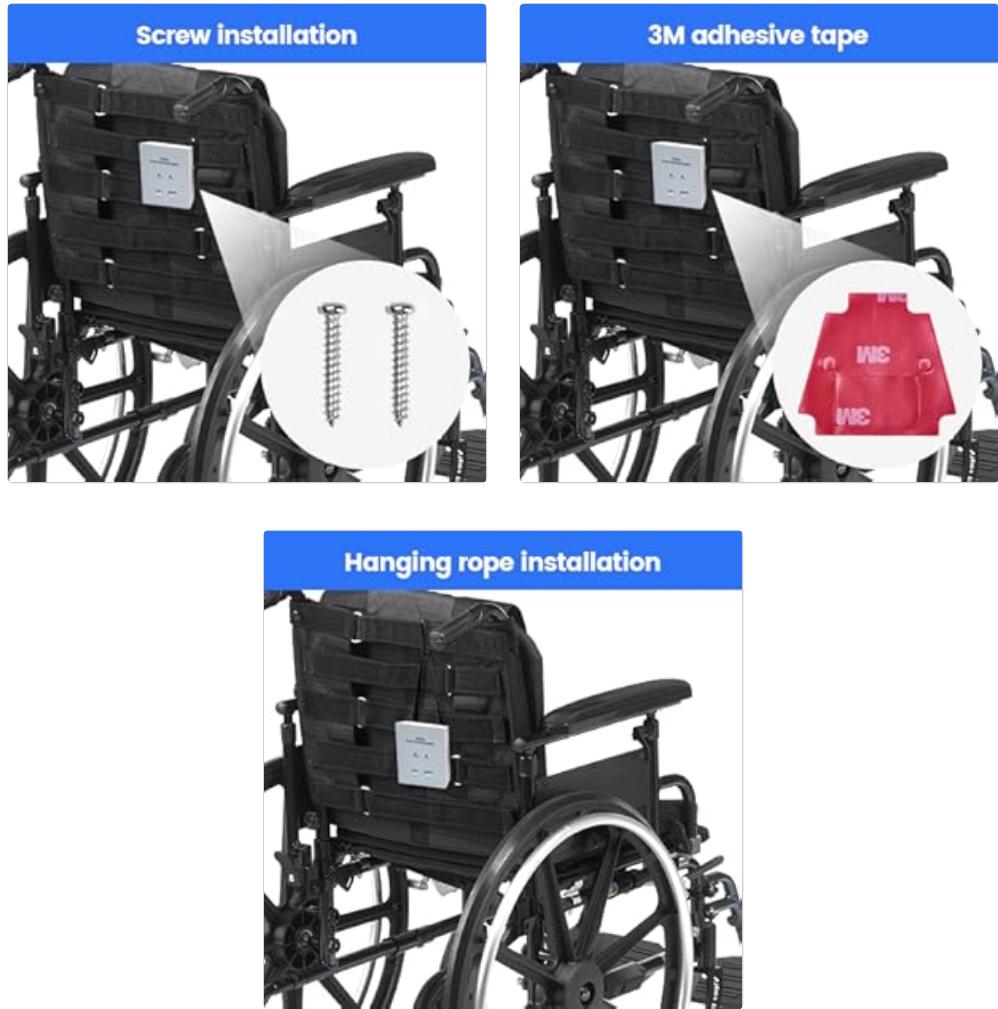


Figure 3.1: Various installation methods for the alarm unit: screw, 3M adhesive, and hanging rope.

Video 3.1: This video demonstrates the functionality and placement of Smart Caregiver weight sensing pads, which are similar in principle to the Briidea Chair Alarm's sensor pad. It illustrates how these pads detect changes in pressure to alert caregivers.

4. OPERATING INSTRUCTIONS

Once the system is set up, it operates as follows:

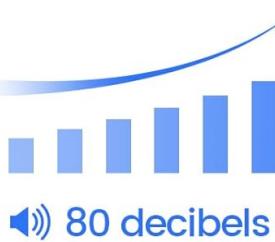
- Activation:** When the user sits on the pressure sensor pad, the system is armed. The 'Leave' indicator light on the alarm unit may illuminate or change status to show it's monitoring.
- Alarm Trigger:** If the user removes their weight from the sensor pad (e.g., stands up or attempts to leave the chair), the alarm will activate.
- Alerts:** The alarm unit will emit a loud sound (up to 80 decibels) and flash its LED lights to alert caregivers.
- Resetting the Alarm:** To silence and reset the alarm, ensure the user is safely back in the chair or press the 'RESTE' (Reset) button on the alarm unit.



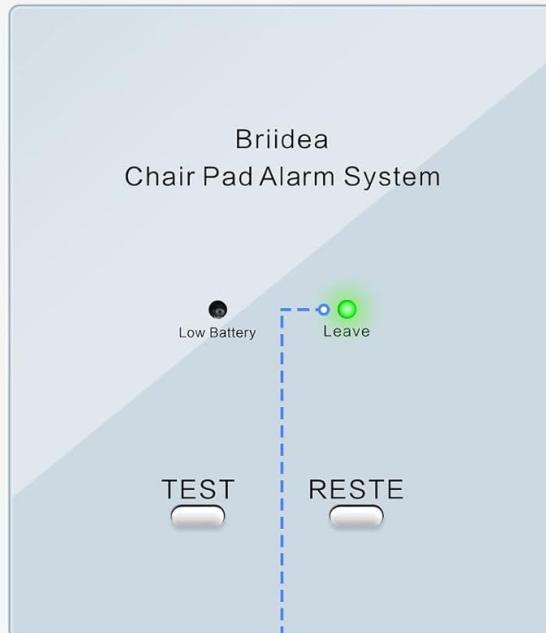
Figure 4.1: Illustration of the alarm activation when a user leaves their wheelchair seat.

Dual alerts ensure your safety

Audible alarm



Light alarm



Flashing alarm

Figure 4.2: Dual alert system with audible sound and flashing LED lights.

Video 4.1: This video provides an overview of the TL-2100B Fall Monitor, detailing its features such as low battery indicator, status light, and volume control. It helps users understand the basic operation of a fall monitor unit.

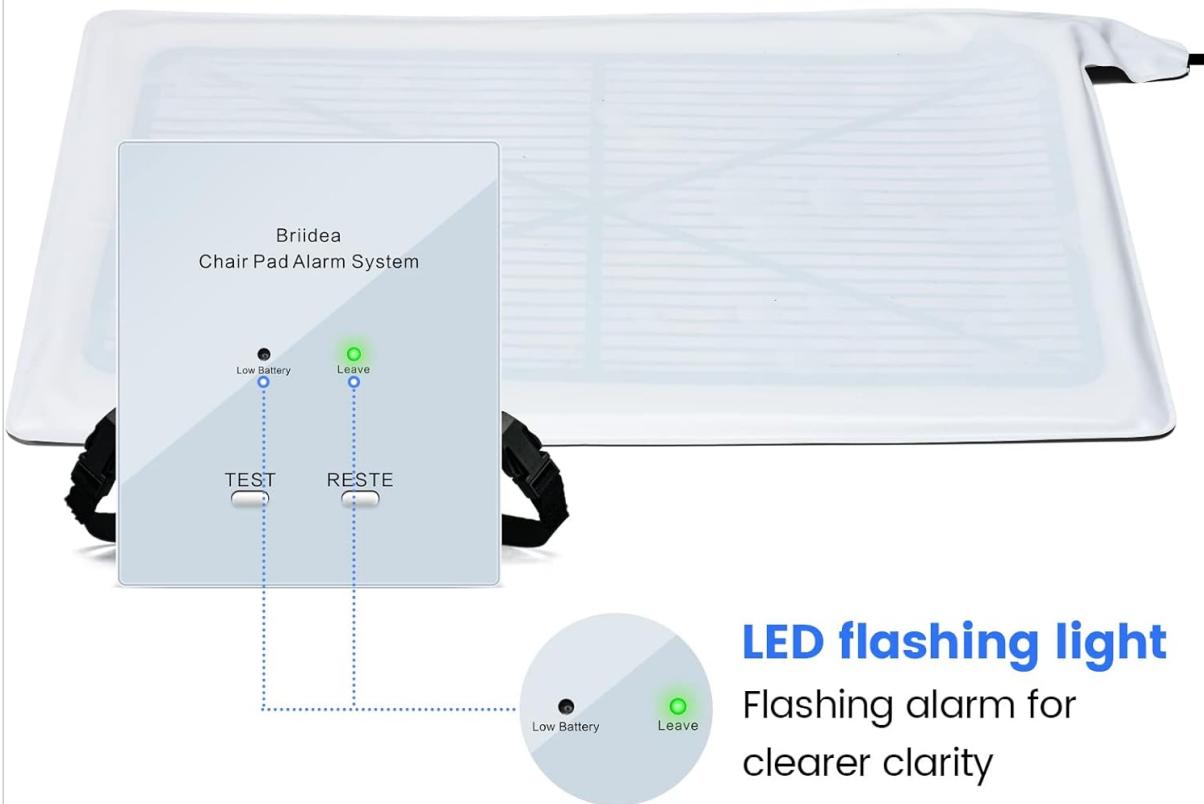
5. KEY FEATURES

- Dual Protection:** Provides both an 80-decibel audible alarm and LED flashing lights for comprehensive alerts.
- Durable and Waterproof:** The PVC seat cushion is designed to be waterproof, ensuring durability and ease of cleaning.
- Sensitive Sensor:** Equipped with a highly sensitive sensor and excellent anti-interference performance for reliable detection.
- Versatile Application:** Suitable for various environments including personal homes, medical facilities, and nursing homes.



PVC seat cushion

Waterproof, durable, and easy to clean



LED flashing light

Flashing alarm for clearer clarity

Figure 5.1: Features of the PVC seat cushion and LED flashing light.

6. SPECIFICATIONS

Specification	Detail
Model Number	HOBA-02
Item Weight	13.7 ounces
Product Dimensions	1 x 1 x 3 inches (Alarm Unit)
Material	Plastic (Alarm Unit), PVC (Sensor Pad)
Noise Level	Up to 80 Decibels
Control Method	Touch
Power Source	Battery Powered (Alkaline, not included)
Sensor Technology	Contact Sensor



Figure 6.1: Dimensions of the Briidea Chair Alarm System components.

7. MAINTENANCE

To ensure the longevity and proper functioning of your Briidea Chair Alarm System:

- **Cleaning:** The PVC seat cushion is waterproof and can be easily cleaned with a damp cloth and mild soap. Do not immerse the alarm unit in water.
- **Battery Replacement:** Replace batteries promptly when the 'Low Battery' indicator light illuminates to ensure continuous operation.
- **Storage:** Store the system in a cool, dry place when not in use.

8. TROUBLESHOOTING

If you encounter issues with your Briidea Chair Alarm System, refer to the following common problems and solutions:

- **Alarm Not Sounding/Flashing:**
 - Check if the alarm unit is powered on and batteries are correctly inserted and charged.
 - Ensure the sensor pad is properly connected to the alarm unit.

- Verify that the sensor pad is placed flat and free from obstructions.
- Test the system by pressing the 'TEST' button.

- **False Alarms:**

- Ensure the sensor pad is completely flat and not creased or folded.
- Confirm that no external pressure is being applied to the pad when the user is not present.
- Check for proper connection between the pad and the alarm unit; a loose connection can cause intermittent signals.

- **Low Battery Indicator:**

- Replace the batteries in the alarm unit with new ones.

9. SAFETY INFORMATION

Please observe the following safety guidelines:

- This device is an aid for fall prevention and monitoring; it is not a substitute for direct supervision by a caregiver.
- Ensure the alarm unit is placed within hearing range of the caregiver.
- Keep the device away from excessive moisture or extreme temperatures.
- Do not attempt to modify or repair the device yourself. Contact customer support for assistance.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Briidea customer service. Keep your purchase receipt as proof of purchase.