

## DAC HCA001

# DAC Patient Alert & Personal Alarm

Model: HCA001 User Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your DAC Patient Alert & Personal Alarm, Model HCA001. This device is designed to serve two primary functions: to alert caregivers when a patient moves from a bed or chair, and to function as a personal security alarm for immediate protection.

Please read these instructions carefully before using the device to ensure safe and effective operation.





Image 1: The DAC Patient Alert & Personal Alarm, Model HCA001, shown in its original retail packaging. The packaging highlights its multi-purpose functionality as both a patient alert and a personal alarm.

## 2. SAFETY INFORMATION

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- **Battery Safety:** Always use the specified 17-volt battery. Do not mix old and new batteries, or different types of batteries. Dispose of used batteries responsibly according to local regulations.
- **Choking Hazard:** Keep small parts, such as the battery and clips, out of reach of children and individuals who may ingest them.
- **Alarm Volume:** The alarm produces a loud 110dB sound. Avoid prolonged exposure to the alarm at close range to prevent potential hearing discomfort.
- **Intended Use:** This device is an alert system and not a substitute for direct supervision or professional medical care.
- **Water Exposure:** The device is not waterproof. Avoid exposure to water or excessive moisture.

## 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- DAC Patient Alert & Personal Alarm Unit (HCA001)



- 48-inch Adjustable Cord with Alligator Clip and Snap Clip
- 8-inch Accessory Strap with Buckle
- Alarm Mount with Clip or Double-Sided Tape (pre-attached or separate)

*Note: A 17-volt battery is required and is not included in the package.*

## 4. SETUP

### 4.1 Battery Installation

1. Locate the battery compartment on the back of the alarm unit.
2. Carefully open the battery compartment cover.
3. Insert one 17-volt battery, ensuring the polarity (+/-) matches the indicators inside the compartment.
4. Close the battery compartment cover securely.





*Image 2: The back of the DAC Patient Alert & Personal Alarm packaging, illustrating details such as battery requirements (17 Volt Battery Required, Not Included) and warranty information.*

## 4.2 Mounting Options

The alarm unit offers several versatile mounting options:

- **Integrated Clip:** The alarm unit features a built-in clip on its back, allowing it to be easily attached to clothing, a belt, or other thin edges.
- **Double-Sided Tape:** For more permanent placement on flat surfaces like walls, bed frames, or furniture, use the provided double-sided tape on the alarm mount. Ensure the surface is clean and dry before application.
- **Accessory Strap:** The 8-inch accessory strap with a buckle can be used to secure the alarm to larger objects or limbs, providing a flexible attachment solution.

## 5. OPERATING INSTRUCTIONS

### 5.1 Patient Alert Mode

This mode is designed to alert caregivers when a patient moves or attempts to exit a bed or chair.

1. **Attach the Cord:** Securely attach the 48-inch adjustable cord to the patient's clothing or a bedsheet using the alligator clip or snap clip.
2. **Connect to Alarm:** Insert the other end of the cord (the pin) into the designated jack on the alarm unit.
3. **Position the Alarm:** Place the alarm unit in a location where the caregiver can easily hear it, such as near the bed, chair, or on a bedside table. Ensure the cord has enough slack for comfortable patient movement but will pull out if the patient attempts to leave the monitored area.
4. **Activation:** When the patient moves sufficiently to pull the cord's pin out of the alarm unit, the 110dB alarm will sound.
5. **Resetting the Alarm:** To silence the alarm, re-insert the pin firmly into the alarm unit's jack.

### 5.2 Personal Alarm Mode

This mode provides a loud alarm for personal protection in emergency situations.

1. **Carry the Alarm:** Keep the alarm unit readily accessible, for example, clipped to your belt, bag, or held in your hand.
2. **Activation:** In an emergency, pull the cord's pin completely out of the alarm unit. The 110dB alarm will sound immediately.
3. **Resetting the Alarm:** To silence the alarm, re-insert the pin firmly into the alarm unit's jack.

## 6. MAINTENANCE

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### 6.1 Cleaning

To clean the alarm unit, wipe it with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the unit in water.

### 6.2 Battery Replacement

When the alarm sound becomes weak or fails to activate, it is time to replace the 17-volt battery. Follow the battery installation steps outlined in Section 4.1.

## 7. TROUBLESHOOTING

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- **Alarm does not sound:**
  - Check if the 17-volt battery is installed correctly and is not depleted. Replace if necessary.
  - Ensure the pin is fully removed from the jack when attempting to activate the alarm.
- **Alarm sounds weakly:**
  - The battery may be low. Replace the 17-volt battery.
- **False alarms in Patient Alert Mode:**
  - Ensure the cord is securely attached to the patient's clothing and the alarm unit.
  - Adjust the cord length to provide sufficient slack for normal movement without accidental dislodgement.

## 8. SPECIFICATIONS

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- **Model:** HCA001
- **Power Source:** 1 x 17-volt battery (not included)
- **Alarm Volume:** 110 dB
- **Cord Length:** 48 inches (adjustable)
- **Accessory Strap Length:** 8 inches
- **Functions:** Patient Alert, Personal Protection Alarm

## 9. WARRANTY INFORMATION

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This DAC Patient Alert & Personal Alarm (Model HCA001) is guaranteed against defects in materials and workmanship in normal use for a period of **six (6) months** from the date of purchase. This warranty is valid

only if the alarm has not been altered or modified, or if a repair attempt has not been made by unauthorized personnel.

Please retain your proof of purchase for warranty claims.

## 10. CONTACT AND SUPPORT




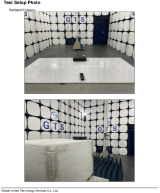
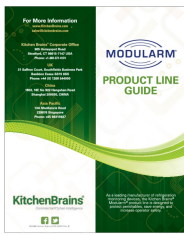
For technical assistance, warranty claims, or further inquiries, please contact:

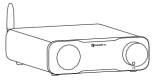
**DAC Technologies of America Inc**

**Customer Support: 1-800-216-1515**

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### Related Documents - HCA001

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	<p><a href="#">DAC TempU07B Temperature &amp; Humidity Data Logger Manual</a></p> <p>User manual for the DAC TempU07B, a portable LCD screen temperature and humidity data logger used for monitoring and recording data during transportation and storage. Features include USB interface for data retrieval and report generation.</p>
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ZD3 User Manual

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