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## Daytech USR-1

# Daytech Freezer Door Alarm (Model USR-1) Instruction Manual

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Daytech Freezer Door Alarm, Model USR-1. This device is designed to alert you when a refrigerator or freezer door is left open, helping to preserve food and save energy. Please read this manual thoroughly before using the product to ensure proper function and safety.

## PRODUCT OVERVIEW

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The Daytech Freezer Door Alarm consists of a main unit and a magnetic sensor. When the magnetic sensor is separated from the main unit (indicating an open door), the alarm will activate after a set delay. The device features adjustable volume and multiple delay modes.

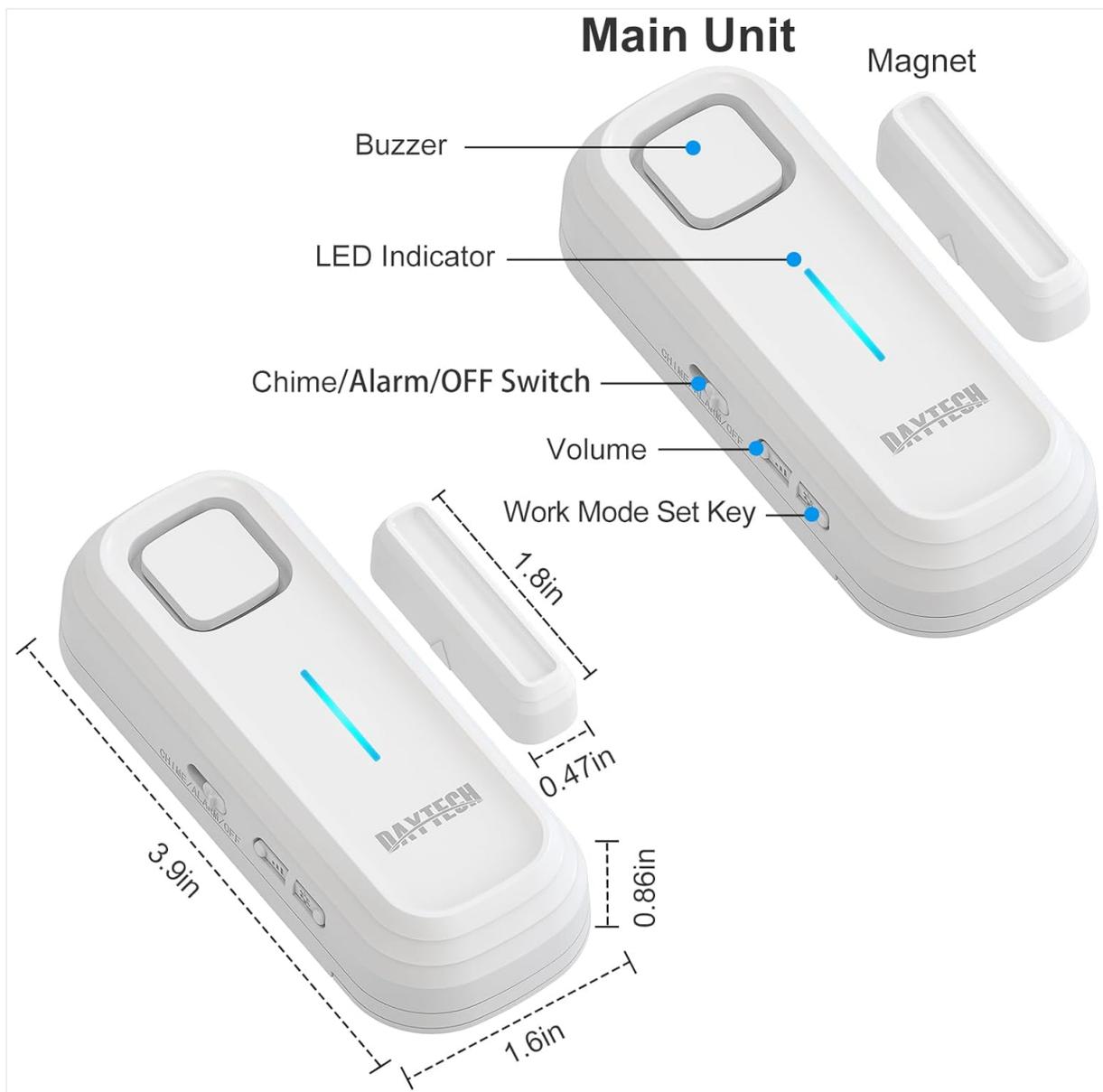


Figure 1: Main Unit Components and Dimensions

- **Buzzer:** Emits the alarm or chime sound.
- **LED Indicator:** Provides visual feedback for status and mode selection.
- **Chime/Alarm/OFF Switch:** Selects between chime mode, alarm mode, or turns the device off.
- **Volume Control:** Adjusts the sound level.
- **Work Mode Set Key:** Selects the delay duration before the alarm activates.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- Product packaging box
- Refrigerator Door Alarm (Main Unit and Magnet)
- User Manual
- AAA batteries (quantity depends on the set purchased)
- Screws (quantity depends on the set purchased)

Video 1: Product Unboxing and Package Contents. This video demonstrates the items included in the package, such as the alarm units, user manual, and batteries.

## INSTALLATION

The alarm can be installed on various types of refrigerators and freezers. Ensure the installation surface is clean and dry.

### Installation Steps:

1. Clean the desired installation area on your refrigerator or freezer door frame.
2. Peel off the protective film from the double-sided adhesive tape on the back of the main unit and the magnet.
3. Attach the main unit to the door frame and the magnet to the door, ensuring the triangular markings on both parts are aligned. The gap between the main unit and the magnet should be less than 0.98 inches (2.5 cm) when the door is closed.
4. Press firmly for a few seconds to secure.



Figure 2: Installation Process

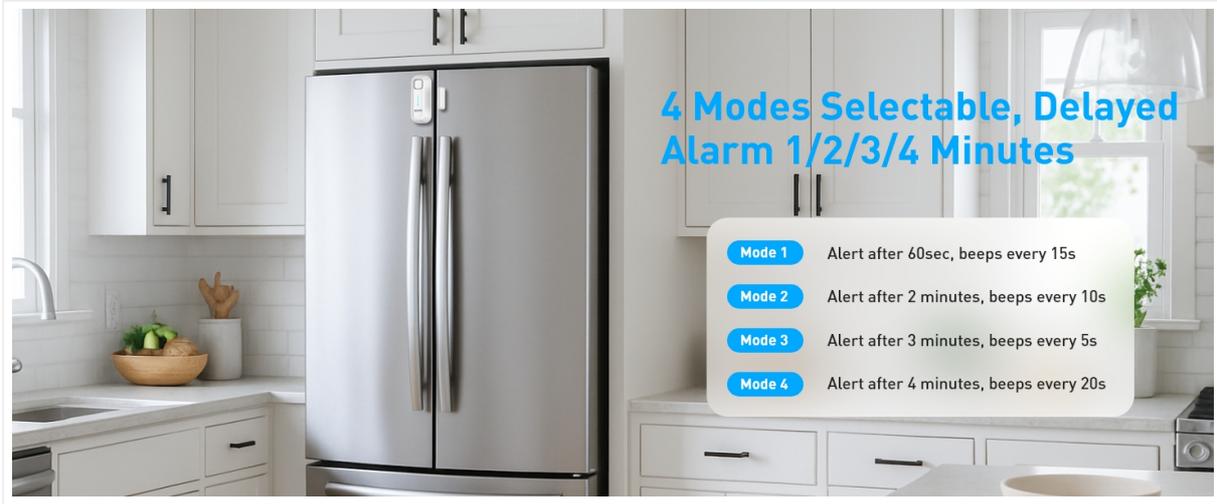


Figure 3: Recommended Installation Positions and Gap Requirements

## OPERATING INSTRUCTIONS

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### 1. Ringtone and Mode Selection:

Use the 'Chime/Alarm/OFF' switch on the side of the main unit to select the desired sound mode:

- **Chime Mode:** A gentle reminder sound.
- **Alarm Mode:** A loud alert sound.
- **OFF:** Turns the device off, no sound will be made.

### 2. Volume Adjustment:

The alarm features 5 adjustable volume levels (0-120dB). Use the 'Volume' button on the side to cycle through the volume settings until you reach your preferred level.



Figure 4: Adjustable Volume Levels

### 3. Delay Mode Selection:

The alarm offers four delay modes, allowing you to choose how long the door can remain open before the alert sounds. Press the 'SET Key' button to cycle through the modes.

Video 2: Functional Adjustment Demonstration. This video illustrates how to switch between chime and alarm modes, adjust volume, and select different delay modes.

### WORKING MODES

The Daytech Freezer Door Alarm offers four distinct working modes, each with a different delay duration and alert pattern:

| Mode   | Delay Duration          | Alert Pattern                                       |
|--------|-------------------------|---|
| Mode 1 | 1 minute (60 seconds)   | Alarm/Chime sounds for 5 seconds every 15 seconds.  |
| Mode 2 | 2 minutes (120 seconds) | Alarm/Chime sounds for 10 seconds every 10 seconds. |
| Mode 3 | 3 minutes (180 seconds) | Alarm/Chime sounds for 15 seconds every 5 seconds.  |

| Mode   | Delay Duration          | Alert Pattern                                       |
|--------|-------------------------|---|
| Mode 4 | 4 minutes (240 seconds) | Alarm/Chime sounds for 20 seconds every 15 seconds. |

## WHERE CAN YOU INSTALL



Figure 5: Overview of Working Modes

### BATTERY REPLACEMENT

The Daytech Freezer Door Alarm requires 2 AAA batteries. When the batteries are low, the alarm's performance may be affected. Replace batteries as follows:

1. Slide the battery cover on the back of the main unit downwards to open.
2. Remove the old AAA batteries.
3. Insert two new AAA batteries, ensuring correct polarity (+/-).
4. Slide the battery cover back into place until it clicks securely.

## Simple installation – No Tools, No Hassle.



**NOTE:** 1.The triangular markings on the main unit and the magnet must be aligned.  
2.The mounting distance between the main unit and the magnet should be  $\leq 0.98$  inch (2.5cm)

Figure 6: Battery Replacement Steps

## TROUBLESHOOTING

If you encounter issues with your Daytech Freezer Door Alarm, refer to the following troubleshooting guide:

| Problem  | Possible Cause  | Solution  |
|--|---|---|
| Alarm does not sound when door is open.          | <ol style="list-style-type: none"> <li>1. Device is OFF.</li> <li>2. Batteries are low or incorrectly installed.</li> <li>3. Magnet and main unit are too far apart.</li> </ol> | <ol style="list-style-type: none"> <li>1. Ensure the 'Chime/Alarm/OFF' switch is set to Chime or Alarm mode.</li> <li>2. Replace batteries and check polarity.</li> <li>3. Re-position the main unit and magnet to ensure the gap is less than 0.98 inches (2.5 cm) when the door is closed.</li> </ol> |
| Alarm sounds too frequently or falsely triggers. | <ol style="list-style-type: none"> <li>1. Magnet and main unit are too close or misaligned.</li> <li>2. Delay mode is set too short.</li> </ol>                                 | <ol style="list-style-type: none"> <li>1. Adjust the position of the magnet and main unit to ensure proper alignment and a slight gap when the door is closed.</li> <li>2. Select a longer delay mode using the 'SET Key'.</li> </ol>   |
| Volume is too low or too high.                   | Volume setting is not optimal.  | Adjust the volume using the 'Volume' button on the side of the main unit.   |

## SPECIFICATIONS

| Feature            | Detail                                     |
|--------------------|--|
| Model Number       | USR-1                                      |
| Dimensions         | 3.9 x 1.6 x 0.86 inches (100 x 40 x 22 mm) |
| Item Weight        | 3.34 ounces                                |
| Power Source       | Battery Powered                            |
| Batteries Required | 2 AAA batteries (included)                 |

| Feature | Detail |
|---------|--------|
|---------|--------|

|                    |                                |
|--------------------|--------------------------------|
| Battery Type       | Alkaline                       |
| Noise Level        | Up to 120 Decibels             |
| Mounting Type      | Door Mount                     |
| Sensor Technology  | Contact Sensor                 |
| Compatible Devices | Home Security System (general) |
| Color              | White                          |

## WARRANTY AND SUPPORT

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Daytech products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Daytech website. Keep your purchase receipt as proof of purchase.