ORIA dda2bea4-fae9-4009-aea9-abf190ec66fb

ORIA Digital Fridge Thermometer User Manual

Model: dda2bea4-fae9-4009-aea9-abf190ec66fb

1. INTRODUCTION

The ORIA Digital Fridge Thermometer is designed to monitor temperatures in refrigerators, freezers, and indoor environments. It features a main display unit and two wireless sensors, providing real-time temperature and humidity readings, along with alarm functions for temperature deviations.

Image: The main display unit and two wireless sensors (labeled 1 and 2) of the ORIA Digital Fridge Thermometer.

2. PACKAGE CONTENTS

- 1 x Main Display Unit
- 2 x Wireless Sensors
- 1 x USB Cable (for main unit power)
- 1 x User Manual

Note: AAA batteries are required for operation and are not included in the package. The main unit requires 2 AAA batteries or USB power. Each sensor requires 2 AAA batteries.

3. PRODUCT OVERVIEW

Main Display Unit

The main unit features a 3.42-inch color screen displaying temperatures from both wireless sensors (CH1, CH2) and the indoor temperature/humidity. It includes buttons for settings and a touch-sensitive area for backlight control and unit switching.

EASY TO INSTALL

Hang

Stand

Magnet

Magnet

Hang Hole

Power Port

CH2   +/MEM   -/RX   CH1

CE   MADE IN CHINA

Stand

Battery Compartment
(2AAA battreies,not included)

Image: Rear view of the main display unit, highlighting the CH1, CH2, +/MEM, and /RF buttons, along with the hang hole, magnet, USB power port, stand, and battery compartment.

Wireless Sensors

Two independent wireless sensors are included to monitor temperatures in separate locations, such as a refrigerator and a freezer. Each sensor is compact and battery-powered.

Image: Illustrates the dimensions of the main unit (8.2cm x 8.2cm) and a wireless sensor (5.2cm x 7.5cm). Icons indicate features like Easy to Set, Dual-Channel, MAX/MIN Record, Temperature Alarm, Backlight, and Dual Power Supply.

4. Setup

4.1 Battery Installation

1. **Main Display Unit:** Open the battery compartment on the back. Insert 2 AAA batteries, observing polarity. Alternatively, connect the main unit using the provided USB cable for continuous power and backlight.
2. **Wireless Sensors:** Open the battery compartment on each sensor. Insert 2 AAA batteries into each sensor, observing polarity.

4.2 Pairing Sensors

The main unit and sensors should automatically pair upon battery installation. If pairing does not occur or is lost:

- Ensure both the main unit and sensors have fresh batteries.
- Place the sensors close to the main unit.
- On the main unit, long press the/**RF** button to initiate re-pairing. The screen will display the alarm symbol. Press again to clear previous connection data and re-scan.

5. OPERATING INSTRUCTIONS

5.1 Button Functions (Rear of Main Unit)

- **CH1 Button:**

  - Short press: Toggle CH1 alarm ON/OFF. An alarm symbol appears when active.
  - Long press: Set CH1 alarm temperature (maximum and minimum values). Use**+/-** buttons to adjust. Configurable range: -40°C to 60°C (-40°F to 140°F).

- **CH2 Button:**

  - Short press: Toggle CH2 alarm ON/OFF. An alarm symbol appears when active.
  - Long press: Set CH2 alarm temperature (maximum and minimum values). Use**+/-** buttons to adjust. Configurable range: -40°C to 60°C (-40°F to 140°F).

- **+/MEM Button:**

  - Short press: Switch between 24H and ALL TIME logging modes to display highest and lowest recorded values.
  - Long press: Clear the history protocol for the currently displayed mode.

- **/RF Button:**

  - Short press: Display the set alarm values for both channels (alarm symbol appears). Default values are 60°C (max) and -40°C (min).
  - Long press: Re-pair the screen with sensors. Press again to remove previous connector data and initiate a new scan.

5.2 Light/°C/°F Button (Top Touch Area)

Image: A hand interacting with the top touch area of the main unit, demonstrating backlight activation and temperature unit switching.

- **Backlight:**

    - Battery mode: Short press to turn on the backlight for 8 seconds (automatic shutdown to save energy).
    - USB mode: Short press to toggle the backlight ON/OFF. When ON, it stays illuminated.

- **Temperature Unit (°C/°F):** Long press for 2 seconds to switch between Celsius (°C) and Fahrenheit (°F).

5.3 Alarm Function

When the temperature measured by a sensor exceeds the set maximum or falls below the set minimum,

the device will trigger a continuous audible alarm and the backlight will flash red. This provides an immediate warning to protect stored items.

Image: Comparison of the normal display and the alarm display, which shows a red backlight and an alarm bell icon when a temperature threshold is exceeded.

6. FEATURES

- **Dual Channel Monitoring:** Equipped with two independent wireless sensors to simultaneously monitor temperatures in two separate locations (e.g., fridge and freezer).
- **Clear Color Display:** A 3.42-inch color screen with white backlight ensures easy readability of all data, even in low light conditions.
- **Adjustable Temperature Alarm:** Set custom high and low temperature alarms for each sensor. An audible alarm and flashing red backlight activate if temperatures exceed or fall below these

thresholds.

- **Max/Min Temperature and Humidity Records:** Displays the highest and lowest recorded temperatures and humidity for the last 24 hours or since the last reset.
- **Indoor Monitoring:** The main unit also monitors the ambient indoor temperature (-10°C to 60°C / -14.2°F to 140°F) and humidity (10% to 99% RH) where it is placed.
- **Wide Outdoor Temperature Range:** Wireless sensors monitor temperatures from -40°C to 60°C (-40°F to 140°F).
- **Stable Wireless Transmission:** Provides a stable wireless range of up to 100 meters (328 feet) in open areas.
- **Dual Power Supply:** The main unit can be powered by 2 AAA batteries or a USB cable. Sensors are powered by 2 AAA batteries each.
- **Low Battery Warning:** Indicates when batteries are running low.

7. PLACEMENT AND INSTALLATION

Main Display Unit

The main unit offers multiple placement options:

- **Stand:** Use the integrated foldable stand for tabletop placement.
- **Wall Mount:** Utilize the hang hole on the back to mount it on a wall.
- **Magnetic Attachment:** The magnetic back allows attachment to metallic surfaces, such as a refrigerator door.

Wireless Sensors

Place the wireless sensors in the desired monitoring locations, such as inside a refrigerator or freezer. Ensure they are positioned to avoid direct contact with food or ice, which could affect readings. The sensors also have a hang hole for wall mounting.

WIRELESS REMOTE SENSOR
Not Just For Fridge
Max transmission distance: **328FT/100M**

Image: A wireless sensor placed inside a refrigerator, illustrating its remote monitoring capability. The main unit is shown outside the fridge.

8. SPECIFICATIONS

Parameter	Value
Main Unit Dimensions	8.1 x 2 x 8.1 cm (approx. 3.2 x 0.8 x 3.2 inches)
Sensor Dimensions	5 x 2 x 7.5 cm (approx. 2 x 0.8 x 3 inches)
Main Unit Weight	93g
Sensor Weight	33g

Indoor Temperature Range	-10°C to 60°C (14.2°F to 140°F)
Outdoor Temperature Range (Sensors)	-40°C to 60°C (-40°F to 140°F)
Indoor Humidity Range	10% to 99% RH
Temperature Accuracy	±1°C (±2°F)
Humidity Accuracy	±5% RH
Wireless Transmission Range	Up to 100 meters (328 feet) in open areas
Main Unit Power Supply	2 x AAA batteries (not included) or USB cable
Sensor Power Supply	2 x AAA batteries per sensor (not included)
Display Type	LCD color screen
Material	Plastic
Model Number	dda2bea4-fae9-4009-aea9-abf190ec66fb

9. TROUBLESHOOTING

- **No Display/Low Battery:** Check battery installation and replace with fresh AAA batteries. If using USB power for the main unit, ensure the cable is securely connected.
- **Sensors Not Connecting:** Ensure sensors are within range (up to 100m in open areas, less with obstructions). Re-pair by long pressing the /**RF** button on the main unit.
- **Inaccurate Readings:** Ensure sensors are not in direct contact with cold surfaces or food, which can affect readings. Allow time for temperatures to stabilize after placement.
- **Alarm Not Functioning:** Verify that the alarm is enabled for the respective channel (CH1/CH2) and that the alarm thresholds are set correctly.
- **Backlight Issues:** In battery mode, the backlight turns off after 8 seconds to save power. For continuous backlight, use USB power.

10. WARRANTY AND SUPPORT

ORIA provides a 1-year warranty for this product, allowing for replacement within 365 days of purchase. Additionally, lifetime after-sales service is available for all customers. For support or warranty claims, please contact ORIA customer service through your purchase platform.