

## ORIA OCA-WA150KM

# ORIA Digital Refrigerator and Freezer Thermometer Instruction Manual

Model: OCA-WA150KM

## 1. INTRODUCTION

The ORIA Digital Refrigerator and Freezer Thermometer provides accurate temperature monitoring for your refrigerator and freezer compartments. Featuring a large LCD display and two wireless sensors, it helps maintain optimal storage conditions for food and other temperature-sensitive items. This manual will guide you through the setup, operation, and maintenance of your device.



Image: The main display unit and two remote sensors for the ORIA Digital Refrigerator and Freezer Thermometer.

## 2. PACKAGE CONTENTS

- 1x ORIA Digital Refrigerator Thermometer (Main Unit)
- 2x Wireless Remote Sensors (1 for Freezer, 1 for Refrigerator)
- 1x Instruction Manual



Image: The product packaging showing the main unit, two remote sensors, and the instruction manual.

### 3. PRODUCT OVERVIEW

#### 3.1 Main Display Unit

The main unit features a 3.7-inch high-definition LCD screen that simultaneously displays temperatures for both the refrigerator and freezer. It also shows MAX/MIN temperature values and alarm indicators.

- **Display:** Shows current, maximum, and minimum temperatures for both sensors.
- **Buttons:** For setting alarms, switching temperature units (°C/°F), and clearing MAX/MIN records.
- **Backlight:** 10-second backlight for improved visibility in low light.
- **Power Source:** 3 x AAA batteries (not included).

# EASY TO READ

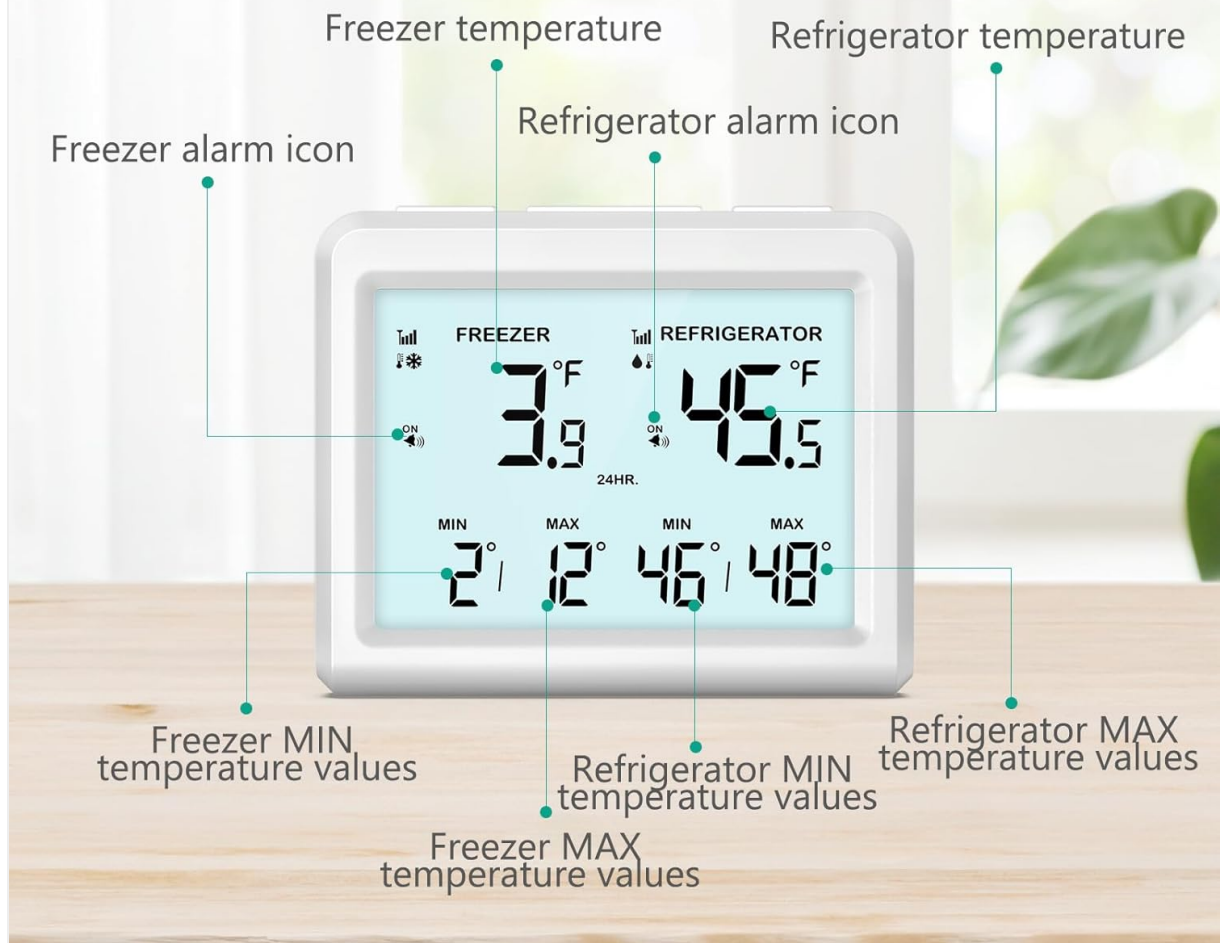


Image: A close-up of the main display unit, indicating freezer temperature, refrigerator temperature, alarm icons, and MIN/MAX temperature values for both channels.

## 3.2 Remote Sensors

Two wireless sensors are included, one designated for the freezer and one for the refrigerator. They transmit temperature data to the main unit wirelessly.

- **Designation:** Clearly labeled for "FREEZER" and "REFRIGERATOR".
- **Installation:** Equipped with detachable hooks for hanging or can be placed on a flat surface.
- **Power Source:** Each sensor requires 2 x AAA batteries (not included).

# EASY TO INSTALL

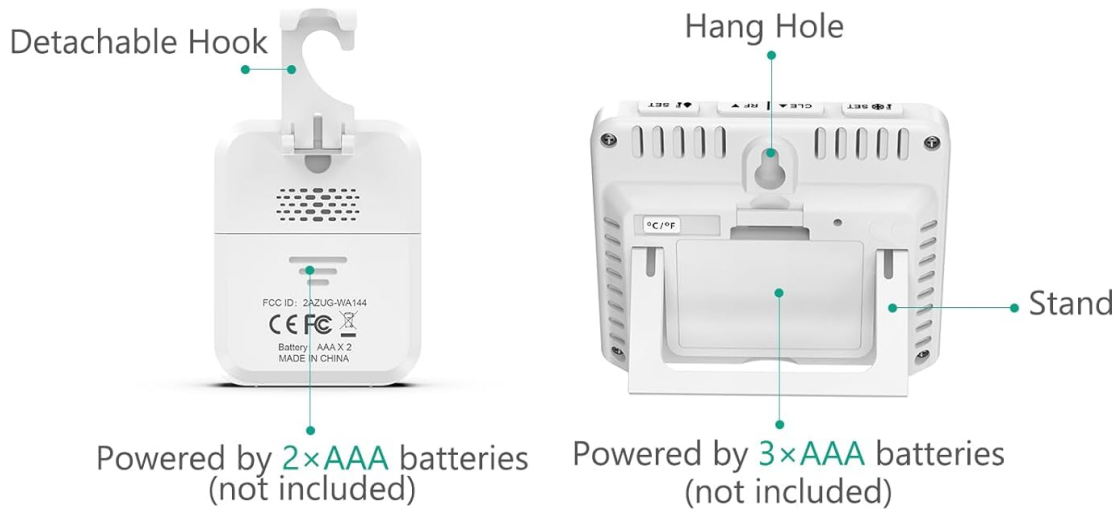


Image: The back of the main unit showing the stand and hang hole, and the back of a remote sensor showing the detachable hook and battery compartment. Also shows examples of sensor placement in a refrigerator.

## 4. SETUP INSTRUCTIONS

### 4.1 Battery Installation

1. **Main Unit:** Open the battery compartment on the back of the main display unit. Insert 3 x AAA batteries, ensuring correct polarity (+/-). Close the compartment. The display will turn on.
2. **Remote Sensors:** Open the battery compartment on the back of each remote sensor. Insert 2 x AAA batteries into each sensor, ensuring correct polarity (+/-). Close the compartments.

### 4.2 Sensor Placement and Pairing

1. Place the "FREEZER" labeled sensor inside your freezer compartment. You can use the detachable hook to hang it from a shelf or place it on a flat surface.
2. Place the "REFRIGERATOR" labeled sensor inside your refrigerator compartment. Similarly, use the hook or place it on a surface.
3. Ensure the main unit is within the wireless range (up to 80 meters in open air) of both sensors.
4. Upon initial power-on, the main unit will automatically search for and pair with the sensors. A flashing



signal icon on the display indicates signal reception. The main unit will display the transmitted temperatures once paired. This process may take up to 30 seconds.



Image: Visual guide on how to power on the main unit with AAA batteries and install batteries in the transmitter, followed by pressing the TX button for signal transmission.



Image: Examples of sensor placement, showing one sensor standing on a shelf and another hanging from a wire rack inside a refrigerator.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power Saving Mode

To conserve battery life, the display screen of the main unit will automatically turn off after 10 seconds of no button operation. Press any button to reactivate the display.

### 5.2 Temperature Unit Selection (°C/°F)

Locate the "°C/°F" button on the main unit. Press this button to switch between Celsius and Fahrenheit temperature display units.

### 5.3 MAX/MIN Temperature Record

The thermometer records the maximum and minimum temperatures over two periods: "24HR" (last 24 hours) and "ALL TIME" (since last reset). Short press the "CLE" button to toggle between these two display modes for the MAX/MIN values.

To clear the recorded MAX/MIN values, press and hold the "CLE" button until the values reset.

## 5.4 Setting Temperature Alarms

The device features a programmable alarm function to alert you when temperatures fall outside a set range. The alarm has a 2-minute delay to prevent unnecessary alerts from brief temperature fluctuations.

1. Press the "SET" button for the desired channel (Freezer or Refrigerator) to enter alarm setting mode.
2. Use the up/down arrow buttons to adjust the upper and lower temperature limits for the alarm.
3. Press "SET" again to confirm each limit and move to the next setting.
4. Once set, the alarm icon will appear on the display.
5. When the temperature exceeds or falls below the set limits for more than 2 minutes, the thermometer will emit an audible beep. The beeping will stop automatically after 2 minutes.
6. **Important Note:** When used for the first time or after the alarm has been manually turned off, it needs to be manually activated again for the alarm function to take effect.

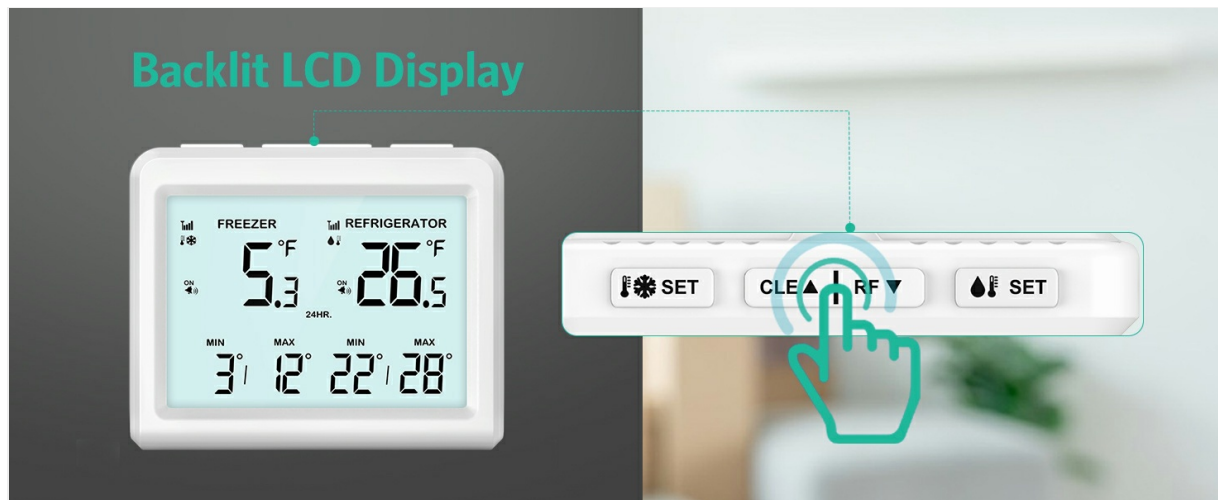


Image: The main display unit showing an active alarm icon, indicating a temperature outside the set limits. The image also illustrates the alarm delay feature and suggested temperature ranges for freezing and refrigeration.



Image: A detailed view of the main unit's LCD display and control buttons, highlighting the 'SET', 'CLE', and up/down arrow buttons used for configuration.

## 6. MAINTENANCE

### 6.1 Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or immerse the

devices in water.

### 6.2 Battery Replacement

When the battery indicator appears on the display, replace the batteries in the respective unit (main unit or sensor). Refer to Section 4.1 for battery installation instructions. Always use new AAA batteries.

## 7. TROUBLESHOOTING

- **No Display on Main Unit:**
  - Check if 3 x AAA batteries are correctly installed with proper polarity.
  - Replace with new batteries if necessary.
  - Press any button to exit power-saving mode.
- **No Temperature Reading from Sensors:**
  - Ensure 2 x AAA batteries are correctly installed in each sensor.
  - Replace sensor batteries if needed.
  - Verify that sensors are within the 80-meter wireless range of the main unit.
  - Check for obstructions that might interfere with the wireless signal.
  - Re-pair sensors by removing and reinserting batteries in both the main unit and sensors.
- **Alarm Not Functioning:**
  - Ensure the alarm limits are correctly set (refer to Section 5.4).
  - Remember to manually activate the alarm function after initial setup or if it was previously turned off.
  - The alarm has a 2-minute delay before sounding; wait for this period.
- **Inaccurate Readings:**
  - Ensure sensors are not placed directly next to cooling vents or heating elements, which can cause localized temperature variations.
  - Compare readings with another known accurate thermometer.
  - Replace batteries in both the main unit and sensors.

## 8. SPECIFICATIONS

Model Name	OCA-WA150KM
Brand	ORIA
Display Type	LCD
Main Unit Power Source	3 x AAA Batteries (not included)
Sensor Power Source	2 x AAA Batteries per sensor (not included)
Wireless Range	Up to 80 meters (open air)
Special Feature	High Accuracy, Min/Max Record, Temperature Alarm, Backlight
Included Components	1x Refrigerator Thermometer, 2x Sensors



Outer Material	Plastic
Item Length (Main Unit)	9.5 Centimeters (approx. 3.75 inches)
Date First Available	July 24 2024

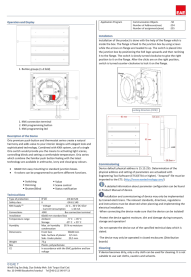


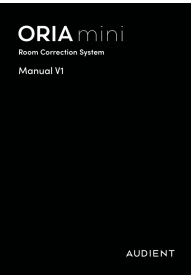
9. WARRANTY AND SUPPORT

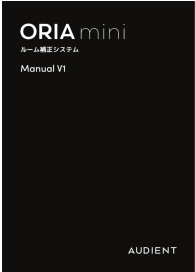

ORIA is committed to providing high-quality products and customer satisfaction. Your ORIA Digital Refrigerator and Freezer Thermometer comes with:

- **12-Month Replacement:** In case of product defects or malfunctions within 12 months of purchase.
- **Lifetime Support:** Ongoing technical assistance and guidance for the product's lifespan.
- **24/7 Online Customer Service:** Access to customer support for any inquiries or issues.

For support, please refer to the contact information provided on the ORIA official website or your purchase platform.

Related Documents - OCA-WA150KM

	<p><a href="#">EAE KNX Oria Switch Series Installation Manual</a></p> <p>Installation guide for the EAE KNX Oria Switch Series, detailing operation, installation, technical specifications, and commissioning for smart home automation systems.</p>
	<p><a href="#">OmniClean OCA 500/1200/1500 Family Air Purification Machines Operation and Maintenance Manual</a></p> <p>This manual provides operation and maintenance instructions for the OmniClean OCA 500, OCA1200, and OCA1500 Air Purification Machines. It covers safety warnings, product descriptions, setup, normal operations, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">STAROZON Product Manual: Mobile Phone Parts &amp; Accessories</a></p> <p>Comprehensive product manual from STAROZON detailing a wide range of mobile phone repair parts and accessories, including LCD screens, batteries, glass+OCA, frames, and tools for various iPhone and Android models.</p>
	<p><a href="#">Audient ORIA mini Room Correction System Manual</a></p> <p>The official manual for the Audient ORIA mini Room Correction System. Learn how to install, set up, and use this hardware solution, developed with Sonarworks, to achieve accurate studio monitoring and optimize your room acoustics.</p>

	<p><a href="#">Audient ORIA mini Room Correction System Manual V1</a></p> <p>User manual for the Audient ORIA mini room correction system, covering introduction, installation, setup, hardware features, software functions, troubleshooting, technical specifications, warranty, and Sonarworks integration. Learn how to optimize your studio monitoring environment with this powerful tool.</p>
	<p><a href="#">d&amp;b Crestron Module Integration Guide for Amplifiers</a></p> <p>Quick start guide detailing the integration of d&amp;b 10D, 30D, 40D, D20, D40, and D80 amplifiers with Crestron systems using the OCA protocol (AES70).</p>