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 - › ORIA Digital Refrigerator Thermometer Instruction Manual (Model WA176KM)

ORIA WA176KM

ORIA Digital Refrigerator Thermometer

Model: WA176KM

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your ORIA Digital Refrigerator Thermometer. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The ORIA Digital Refrigerator Thermometer is designed to monitor temperatures in various environments, including refrigerators, freezers, and aquariums. It features a clear LCD display, a waterproof external probe, and a temperature alarm function.



Image: The ORIA Digital Refrigerator Thermometer with its external waterproof probe and suction cup.

Components Included:

- 1 x ORIA Digital Refrigerator Thermometer Unit
- 1 x Waterproof Temperature Probe (1.5m cable)
- 1 x Suction Cup for Probe
- 2 x AAA Batteries
- 1 x User Manual

Display Elements:



Image: A detailed diagram illustrating the various indicators on the LCD screen, including probe temperature, indoor temperature, humidity, min/max records, alarm icon, and unit selection.

- **REFRIGERATOR Temperature:** Displays the temperature measured by the external probe.
- **MIN/MAX Temperature:** Shows the minimum and maximum temperatures recorded by the probe over a 24-hour period or all-time.
- **INDOOR Temperature:** Displays the ambient temperature around the main unit.
- **INDOOR Humidity:** Shows the ambient humidity around the main unit.
- **Alarm Icon:** Indicates if the temperature alarm is active.
- **°C/°F Indicator:** Shows the selected temperature unit.

SETUP

1. Battery Installation:

1. Locate the battery compartment on the back of the thermometer unit.
2. Open the battery compartment cover.

3. Insert the two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image: The rear view of the thermometer unit, highlighting the battery compartment, control buttons, and various installation features.

2. Probe Connection:

Connect the waterproof temperature probe to the designated port on the side of the main unit. The probe cable is 1.5 meters long, allowing flexible placement.

3. Initial Power On:

Once batteries are installed, the device will automatically power on and display current temperature and humidity readings. Data updates approximately every 10 seconds for the probe and 30 seconds for the host unit.

OPERATING INSTRUCTIONS

1. Temperature Unit Selection (°C/°F):

Press the °C/°F button on the back of the unit to switch between Celsius and Fahrenheit temperature displays.

2. Setting Temperature Alarms:

High And Low Temperature Alarm

Sound alarm and icon flashing to remind you

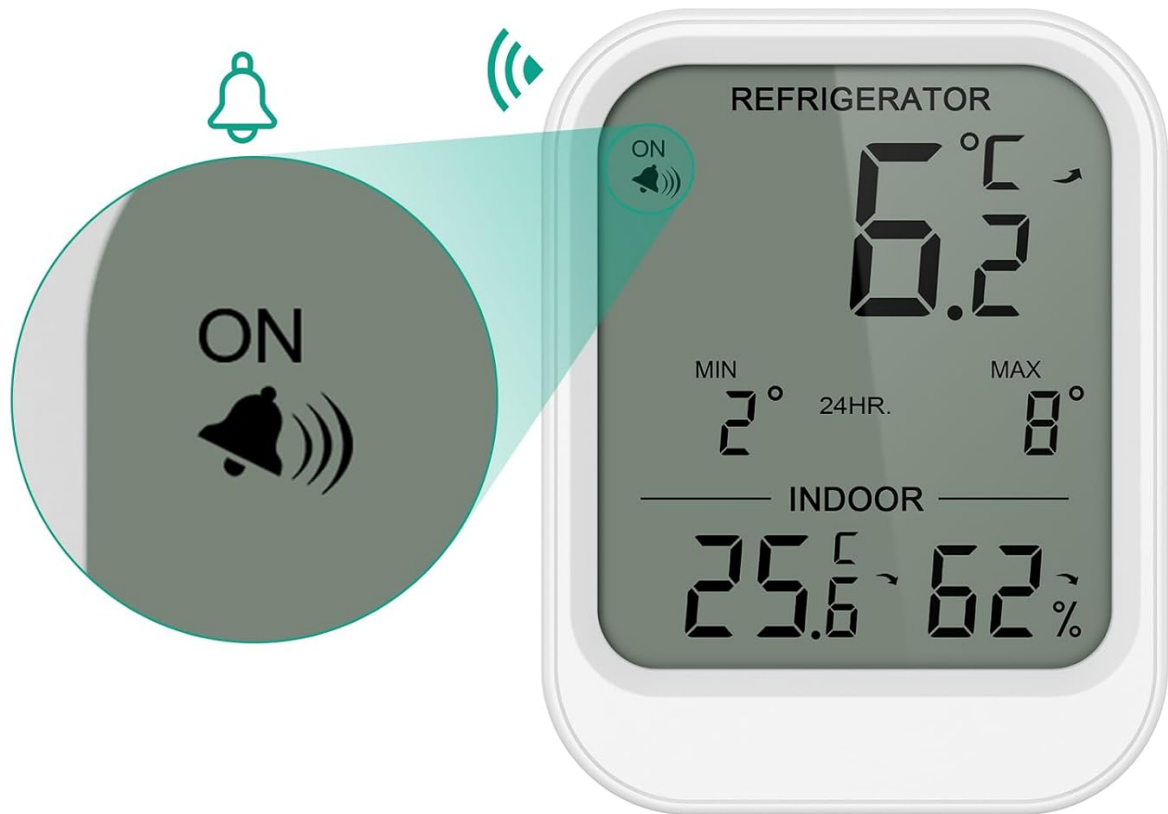


Image: The thermometer display with the alarm icon and sound wave symbol indicating an active temperature alarm.

- Press and hold the **ALERT** button for 3 seconds to enter alarm setting mode. The upper temperature limit will flash.
- Use the **+** or **-** buttons to adjust the desired upper temperature limit for the probe.
- Press the **ALERT** button again to confirm the upper limit and proceed to set the lower temperature limit. The lower limit will flash.
- Use the **+** or **-** buttons to adjust the desired lower temperature limit for the probe.
- Press the **ALERT** button once more to confirm the lower limit and exit alarm setting mode.
- The alarm range is -40°C to 40°C (-40°F to 104°F).
- An alarm will sound and the icon will flash if the probe temperature exceeds the set range. There is a 1-minute delay to prevent false alarms from brief temperature fluctuations (e.g., opening a refrigerator door).
- To disable the alarm, press the **ALERT** button once while not in setting mode.

3. Viewing and Resetting Min/Max Records:

- Press the **+** / **HIST** button to cycle through the 24-hour minimum/maximum records and all-time

minimum/maximum records for the probe temperature.

- To reset the 24-hour records, press and hold the **+** / **HIST** button for 3 seconds.
- All-time records are automatically reset when batteries are replaced.

INSTALLATION METHODS

The ORIA Digital Refrigerator Thermometer offers versatile installation options to suit your needs:



Image: A visual representation of the three primary ways to place the thermometer: using its integrated stand, hanging it via the hole, or attaching it magnetically to a metal surface.

- **Tabletop Stand:** The unit features a built-in foldable stand on the back, allowing it to be placed upright on any flat surface.
- **Hanging Hole:** A dedicated hole on the back allows the thermometer to be hung on a hook or nail.
- **Magnetic Attachment:** Integrated magnets on the back enable secure attachment to metallic surfaces, such as refrigerator doors.

The probe comes with a removable suction cup for easy attachment to smooth surfaces inside refrigerators,

aquariums, or pet boxes.

Keep Food Fresh



Image: The thermometer unit magnetically attached to the exterior of a refrigerator, with its probe cable extending inside to monitor internal temperature.

APPLICATIONS

The ORIA Digital Refrigerator Thermometer is suitable for a wide range of temperature monitoring applications:

Not Just For Fridge



Image: A collage demonstrating the thermometer's versatility, showing it in use for monitoring temperatures in an aquarium, a pet enclosure, a wine cellar, and a greenhouse.

- **Refrigerators and Freezers:** Monitor food storage temperatures to ensure freshness and safety.
- **Aquariums:** Keep track of water temperature for aquatic life.
- **Pet Enclosures:** Ensure optimal temperature conditions for pets.
- **Greenhouses:** Monitor ambient temperature for plant growth.
- **Wine Cellars/Humidors:** Maintain ideal conditions for sensitive items.
- **Outdoor Areas:** For general ambient temperature monitoring (ensure main unit is protected from direct weather).

MAINTENANCE

1. Battery Replacement:

When the display becomes dim or unresponsive, it is time to replace the AAA batteries. Follow the battery installation steps in the Setup section.

2. Cleaning:

Wipe the thermometer unit and probe with a soft, damp cloth. Do not use abrasive cleaners or immerse the main unit in water. The probe is waterproof and can be cleaned with water.

3. Storage:

If storing the device for an extended period, remove the batteries to prevent leakage and damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries; incorrect battery polarity.	Replace batteries with new AAA batteries, ensuring correct polarity.
Inaccurate temperature readings	Probe not properly connected; probe damaged; unit placed in direct sunlight or near heat source.	Ensure probe is securely connected. If probe is damaged, it may need replacement. Relocate the unit away from extreme temperature sources.
Alarm not sounding	Alarm function disabled; alarm limits set too wide.	Ensure alarm is enabled (check for alarm icon). Re-set alarm limits to desired range.
Min/Max records not resetting	Incorrect button press.	Press and hold the + / HIST button for 3 seconds to reset 24-hour records. All-time records reset with battery change.

SPECIFICATIONS



	Anfitrión	Sonda
Tamaño	8*6.2*2cm	Cable de 1.5m Ventosa Extraíble
Temperatura	-10°C-60°C (14°F-140°F)	-40°C-100°C (-40°F-212°F)
Humedad	20-95%	/
Alarma	/	-40°C-40°C (-40°F-104°F)
Ciclo	30s	Aproximadamente 10s

Image: A table detailing the specifications for both the main thermometer unit (Host) and the external probe, including size, temperature range, humidity range, alarm range, and data refresh cycle.

Feature	Specification
Model Number	WA176KM

Feature	Specification
Main Unit Temperature Range	-10°C to 60°C (14°F to 140°F)
Probe Temperature Range	-40°C to 100°C (-40°F to 212°F)
Humidity Range (Main Unit)	20% to 95% RH
Alarm Temperature Range	-40°C to 40°C (-40°F to 104°F)
Temperature Accuracy	±1°C (±1.8°F)
Humidity Accuracy	±5% RH
Display Type	Digital LCD
Power Source	2 x AAA Batteries (included)
Probe Cable Length	1.5 meters (59 inches)
Material	Plastic
Dimensions (Main Unit)	Approximately 8 x 6.2 x 2 cm
Weight	120 g (including batteries)

WARRANTY AND SUPPORT

ORIA products are designed for reliability and performance. For any questions, technical assistance, or warranty claims, please contact ORIA customer support through the retailer where the product was purchased. Please retain your proof of purchase for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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