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> ORIA Digital Refrigerator Thermometer (Model OCA-WA181KM) Instruction Manual

ORIA OCA-WA181KM

ORIA Digital Refrigerator Thermometer Instruction Manual

Model: OCA-WA181KM

INTRODUCTION

This manual provides instructions for the ORIA Digital Refrigerator Thermometer, designed to monitor temperatures and humidity in your refrigerator, freezer, and the surrounding room. It features two remote sensors, a large display with a clock, calendar, and alarm functions to help maintain optimal storage conditions for food.

WHAT'S IN THE BOX

- 1 x Main Display Unit
- 2 x Wireless Remote Sensors
- 1 x USB Power Cable
- 1 x Magnetic Sheet (optional for mounting)
- 1 x Instruction Manual



Image: Package contents of the ORIA Digital Refrigerator Thermometer.

The package includes the main display unit, two wireless remote sensors, a USB power cable, an optional magnetic sheet for mounting, and this instruction manual.

PRODUCT FEATURES

- **3-Zone Monitoring:** Tracks temperature and humidity in the room, refrigerator, and freezer using two remote sensors.
- **Color-Coded Display:** Yellow for room, Green for fridge, Blue for freezer, showing all data simultaneously.

- **Min/Max Records:** Displays minimum and maximum temperature and humidity records for both sensors.
- **High/Low Temperature Alarm:** Customizable temperature ranges for fridge and freezer with an audible alarm.
- **Dual Power Options:** Operates with 3xAAA batteries (not included) or via the included USB cable.
- **Adjustable Backlight:** 3 brightness levels when USB powered; auto-off after 10 seconds on battery power.
- **Versatile Functions:** Includes time, date, calendar, and comfort icons.
- **Multiple Installation Options:** Can be stood, hung, or magnetically attached.

MULTI-FUNCTION IN ONE

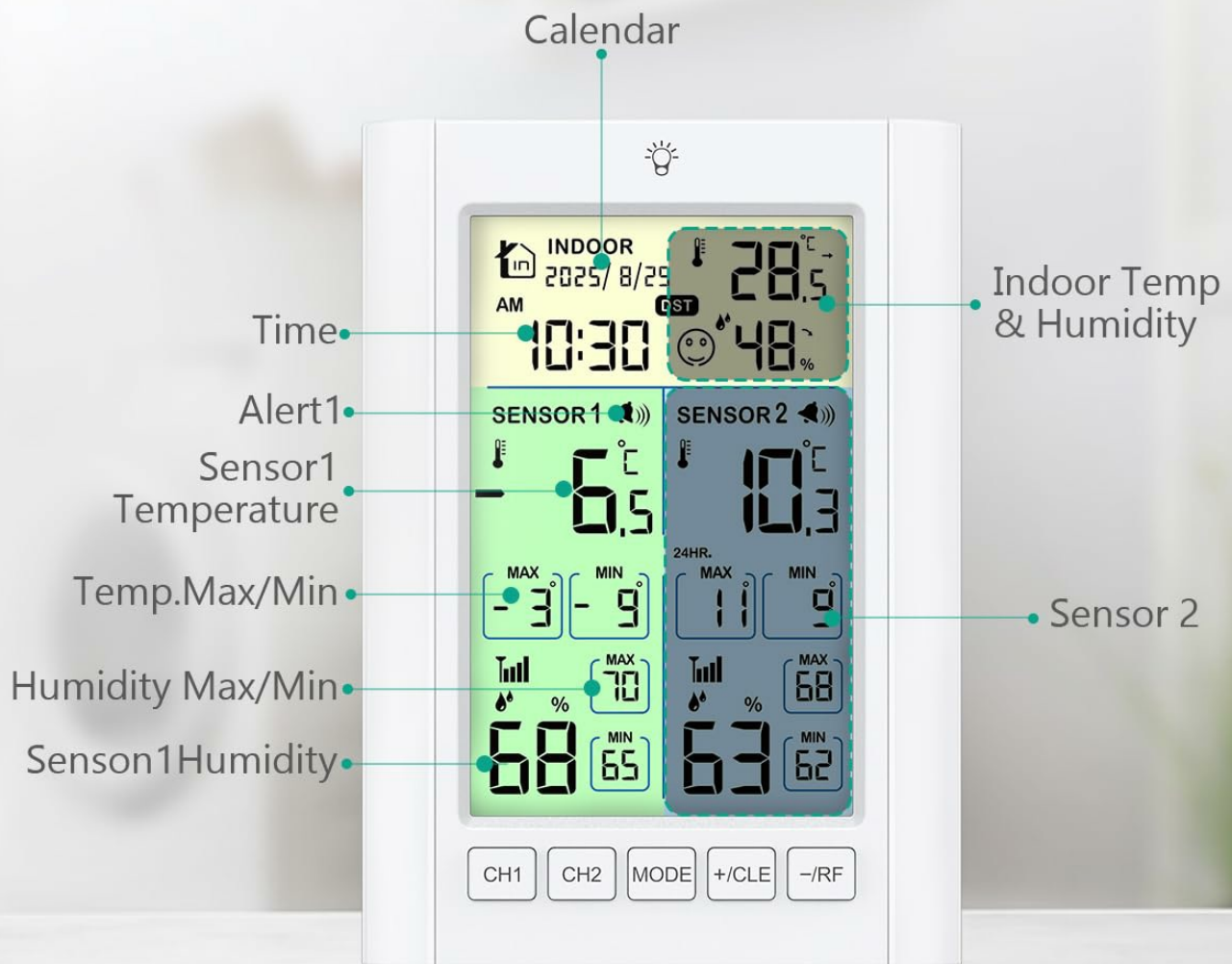


Image: Multi-function display of the thermometer showing various readings.

This thermometer offers comprehensive monitoring with an easy-to-read display and flexible power options.

SETUP INSTRUCTIONS

1. **Insert Batteries:** Open the battery compartment on the main display unit and insert 3 AAA batteries (not included), observing polarity. For each remote sensor, insert 2 AA batteries (not included).
2. **Power On:** The main unit will power on automatically once batteries are inserted or the USB cable is connected. The remote sensors will also power on.
3. **Pairing Sensors:** The main unit should automatically connect to the remote sensors. If not, press and hold the 'CH1/CH2' button on the main unit to initiate pairing. Ensure sensors are within range.
4. **Set Time and Date:** Press the 'MODE' button to cycle through display modes. When in time/date setting mode, use the '+/CLE' and '-/RF' buttons to adjust values. Press 'MODE' again to confirm.
5. **Place Sensors:** Place one remote sensor in your refrigerator and the other in your freezer. Ensure they are not obstructed by large items and have a clear path for signal transmission to the main unit.



1

Battery Mode (not included)

Backlight on for 10S

2

DUAL POWER SUPPLY

Adapter Powered (USB included):

Backlight is always on & 3 level brightness adjustable



Image: Dual power supply options for the main unit.

For optimal performance, ensure fresh batteries are used and sensors are placed appropriately.

OPERATING INSTRUCTIONS

Display Overview

The main display unit shows the following information:

- **Indoor Temperature & Humidity:** Top right section (Yellow).

- **Sensor 1 Temperature & Humidity:** Middle left section (Green, typically for fridge).
- **Sensor 2 Temperature & Humidity:** Middle right section (Blue, typically for freezer).
- **Time & Calendar:** Top left section.
- **Min/Max Records:** Shown below current temperature/humidity for each sensor.

Button Functions

- **CH1/CH2:** Press to switch between displaying Sensor 1 and Sensor 2 data, or to initiate pairing.
- **MODE:** Press to cycle through display modes (e.g., time setting, alarm setting).
- **+ / CLE:** Used to increase values during setting, or to clear min/max records (press and hold).
- **- / RF:** Used to decrease values during setting, or to manually refresh the sensor signal.

WIRELESS REMOTE SENSOR

Not Just For Fridge



Image: Wireless remote sensors and their transmission capability.

The wireless sensors have a maximum transmission distance of 328 feet (100 meters) in open areas.

TEMPERATURE ALARM SETTING

The thermometer allows you to set custom high and low temperature alarms for both your refrigerator and freezer sensors. If the temperature exceeds or falls below these set points, an audible alarm will sound for 2 minutes.

1. **Enter Alarm Setting Mode:** Press the 'MODE' button repeatedly until the alarm setting icon appears.

2. **Select Sensor:** Use the 'CH1/CH2' button to select which sensor (1 or 2) you want to set the alarm for.
3. **Set High/Low Limits:** Use the '+/CLE' and '-/RF' buttons to adjust the desired high and low temperature limits.
4. **Confirm Settings:** Press 'MODE' to confirm each setting and move to the next, or to exit alarm setting mode.

TEMPERATURE ALARM

Adjustable alarm range: -40~-158°F (-40~70°C)



Lasts for 2 Minute

Tip: Press "-/RF" button to view pre-set alarm temperatures

Image: Temperature alarm feature with sensors in a fridge and freezer.

The adjustable alarm range is -40°F to 158°F (-40°C to 70°C).

INSTALLATION OPTIONS

The main display unit offers flexible installation methods to suit your preference:

- **Stand:** Utilize the integrated stand on the back of the unit to place it on a countertop or table.
- **Magnet:** Attach the included magnetic sheet to the back of the unit and then mount it securely to any magnetic surface, such as a refrigerator door.
- **Hang:** Use the hang hole on the back of the unit to mount it on a wall hook or screw.

EASY TO INSTALL



Stand



Magnet
(Magnetic sticker included)



Hang

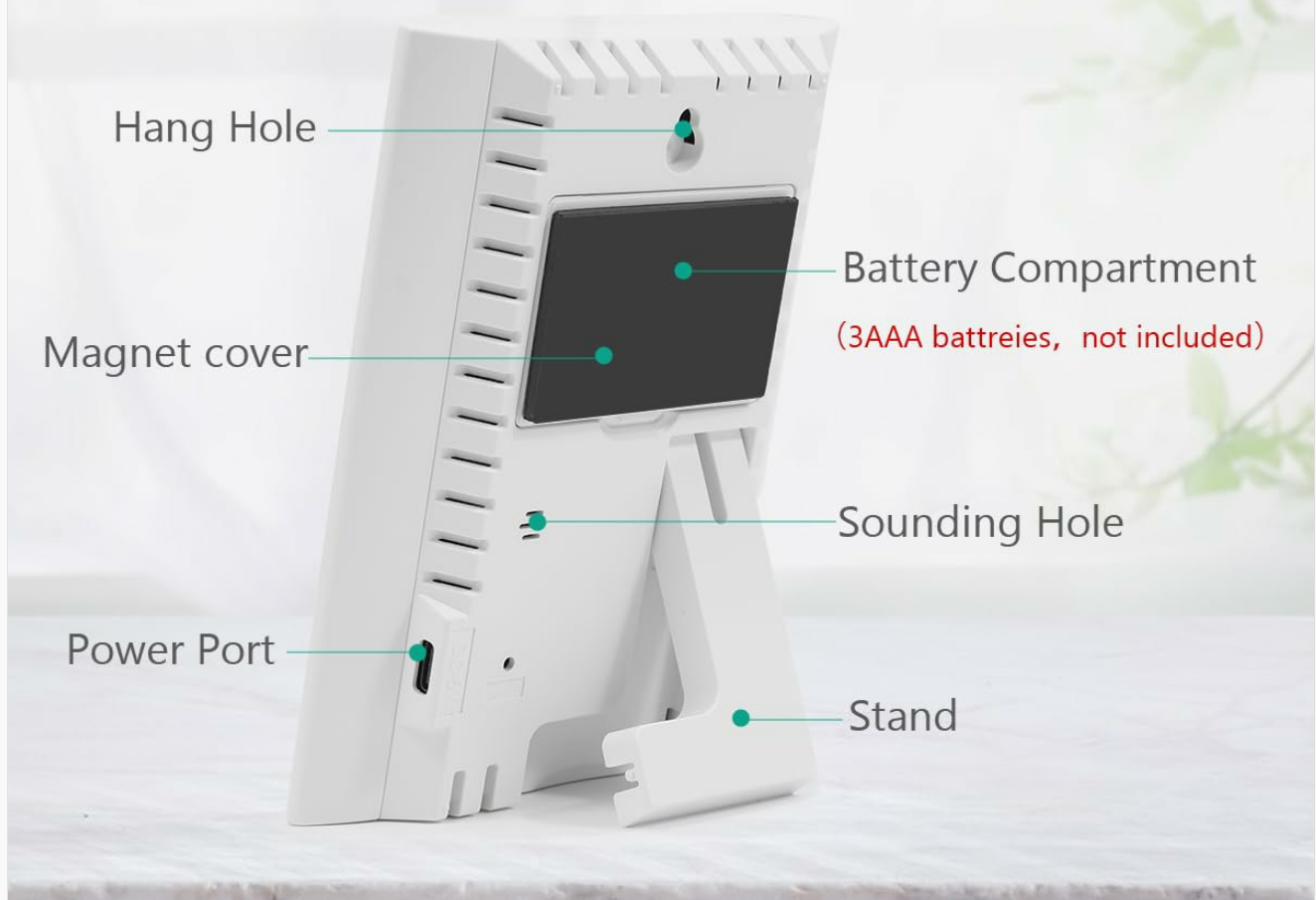


Image: Various installation options for the main display unit.

Choose the method that best fits your kitchen or desired location.

SPECIFICATIONS

Feature	Detail
Model Number	OCA-WA181KM
Outdoor Temperature Range	-40°C to 70°C (-40°F to 158°F)
Temperature Accuracy	±1°C (±2°F)
Humidity Accuracy	±5%RH
Refresh Rate	Every 30 seconds
Max Transmission Distance	328FT / 100M (in open area)
Main Unit Power	3xAAA batteries (not included) or USB cable
Sensor Power	2xAA batteries (not included) per sensor
Material	Plastic
Dimensions (Main Unit)	13.4 cm (5.3 in) Length, 9.5 cm (3.75 in) Width



Image: Product dimensions and key technical specifications.

TROUBLESHOOTING

- **No Display/Power:** Ensure batteries are inserted correctly with proper polarity, or that the USB cable is securely connected to a power source. Replace old batteries.
- **Sensors Not Connecting:** Check that both the main unit and sensors have fresh batteries. Ensure sensors are within the transmission range (100M/328FT in open air) and not blocked by thick walls or metal objects. Press and hold the 'CH1/CH2' button on the main unit to re-initiate pairing.

- **Inaccurate Readings:** Allow the sensors and main unit to stabilize for at least 30 minutes after initial setup or relocation. Ensure sensors are not placed directly next to cooling vents or heating elements.
- **Alarm Not Sounding:** Verify that the high/low temperature alarm limits are set correctly and are enabled. Check the volume settings if applicable (this model has a fixed alarm sound).
- **Backlight Not Staying On:** The backlight automatically turns off after 10 seconds when powered by batteries to conserve energy. For a constant backlight, power the main unit via the USB cable.

WARRANTY AND SUPPORT

ORIA is committed to providing high-quality products and customer satisfaction. This product comes with:

- **1-Year Warranty:** Covers manufacturing defects.
- **90-Day Free Replacements:** For eligible issues within the first 90 days.
- **30-Day Free Returns:** For hassle-free returns within 30 days of purchase.
- **24/7 Customer Support:** Assistance available around the clock.
- **Lifetime Technical Support:** Ongoing technical assistance for the product's lifespan.

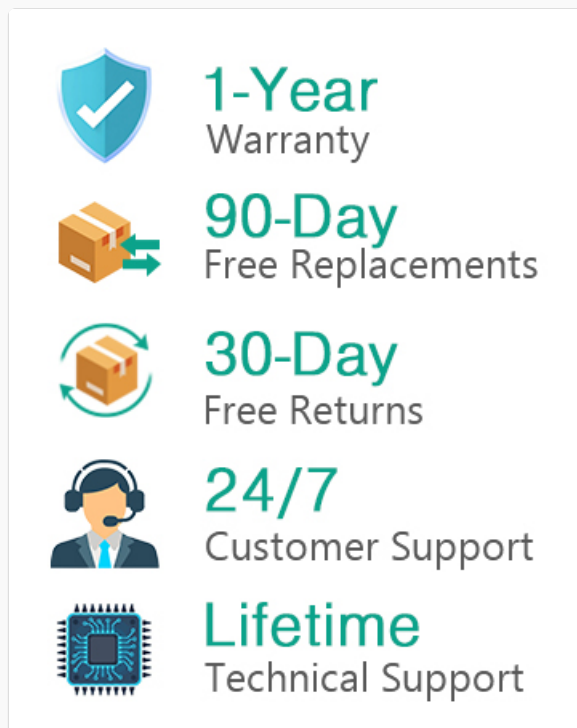


Image: ORIA customer support and warranty benefits.

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

PRODUCT VIDEOS

Video: Refrigerator Thermometer - Product Show. This video provides a brief overview of the ORIA Refrigerator Thermometer and its main components.

Video: Introduction to the usage of thermometers and accessories. This video demonstrates how to use the thermometer and its various accessories.

Video: Refrigerator thermometer Product Features. This video highlights the key features and functionalities of the ORIA Refrigerator Thermometer.

