OQIMAX 060d063b-d1db-4484-bfc8-33ec02acf94a

OQIMAX Wireless Refrigerator Thermometer with Freezer Alarm

Model: 060d063b-d1db-4484-bfc8-33ec02acf94a

Brand: OQIMAX

INTRODUCTION

Thank you for choosing the OQIMAX Wireless Refrigerator Thermometer. This device provides real-time temperature monitoring for your refrigerator and freezer compartments, helping you maintain optimal food storage conditions. It features a clear LCD display, adjustable alarms, and historical temperature recording. Please read this manual carefully before use to ensure proper operation and longevity of your device.

PACKAGE CONTENTS

- 1 x Temperature Station (Main Unit)
- 1 x Freezer Sensor
- 1 x Refrigerator Sensor
- 1 x User Manual

The package includes the main display unit, two remote sensors (one for freezer, one for refrigerator), and the instruction manual.

Product Features

- **HD LCD Screen:** A 3.7-inch display clearly shows real-time temperatures, MAX/MIN values, and alarm indicators.
- **Dual-Channel Monitoring:** Simultaneously monitors temperatures for both freezer and refrigerator compartments.
- **Adjustable Upper/Lower Limit Alarms:** Set custom temperature ranges. Alarms activate with flashing icons and audible alerts if temperatures exceed or fall below the set limits. Features a 2-minute delay to prevent false alarms from temporary door openings.
- **MAX/MIN Temperature Record:** Records maximum and minimum temperature values for the last 24 hours or all-time, allowing you to track temperature fluctuations. These records can be cleared.
- **Backlight Function:** For easy viewing in low-light conditions. The backlight automatically turns off after 10 seconds to conserve battery life.
- **°C/°F Switch:** Easily switch between Celsius and Fahrenheit temperature units.
- **Easy Installation:** The main unit can be placed upright or hung. Sensors come with hooks for convenient placement inside compartments.

- **IPX4 Splash-proof Sensors:** Designed to withstand splashes from any direction.

Overview of the main features including dual-channel monitoring, temperature unit switch, historical records, alarms, backlight, and detachable hooks for sensors.

SETUP

1. Battery Installation

1. **Main Unit:** Open the battery compartment on the back of the main unit. Insert 3 x AAA (LR03) 1.5V batteries, ensuring correct polarity. Close the compartment.
2. **Sensors:** Open the battery compartment on each remote sensor. Insert 2 x AAA (LR03) 1.5V batteries into each sensor, ensuring correct polarity. Close the compartments.

2. Pairing the Sensors

1. After installing batteries in the main unit, the freezer and refrigerator signal icons will flash, indicating it is ready to receive external signals.
2. For each sensor, press the **TX** button (located inside the battery compartment or on the back) for immediate signal transmission. The main unit will display the temperature from the sensor once paired.

3. If pairing does not occur immediately, wait for approximately 30 seconds for the detection cycle to complete. If still unsuccessful, long-press the **RF/-** button on the main unit to re-pair.

3. Sensor Placement

- Place the freezer sensor (labeled "FREEZER") inside your freezer compartment.
- Place the refrigerator sensor (labeled "REFRIGERATOR") inside your refrigerator compartment.
- Both sensors are equipped with hooks for easy hanging on shelves or racks, optimizing space.
- Position the main unit outside the refrigerator/freezer in a convenient location where you can easily read the display. It can stand upright or be hung.

Illustration of battery installation and placement options for the main unit and sensors.
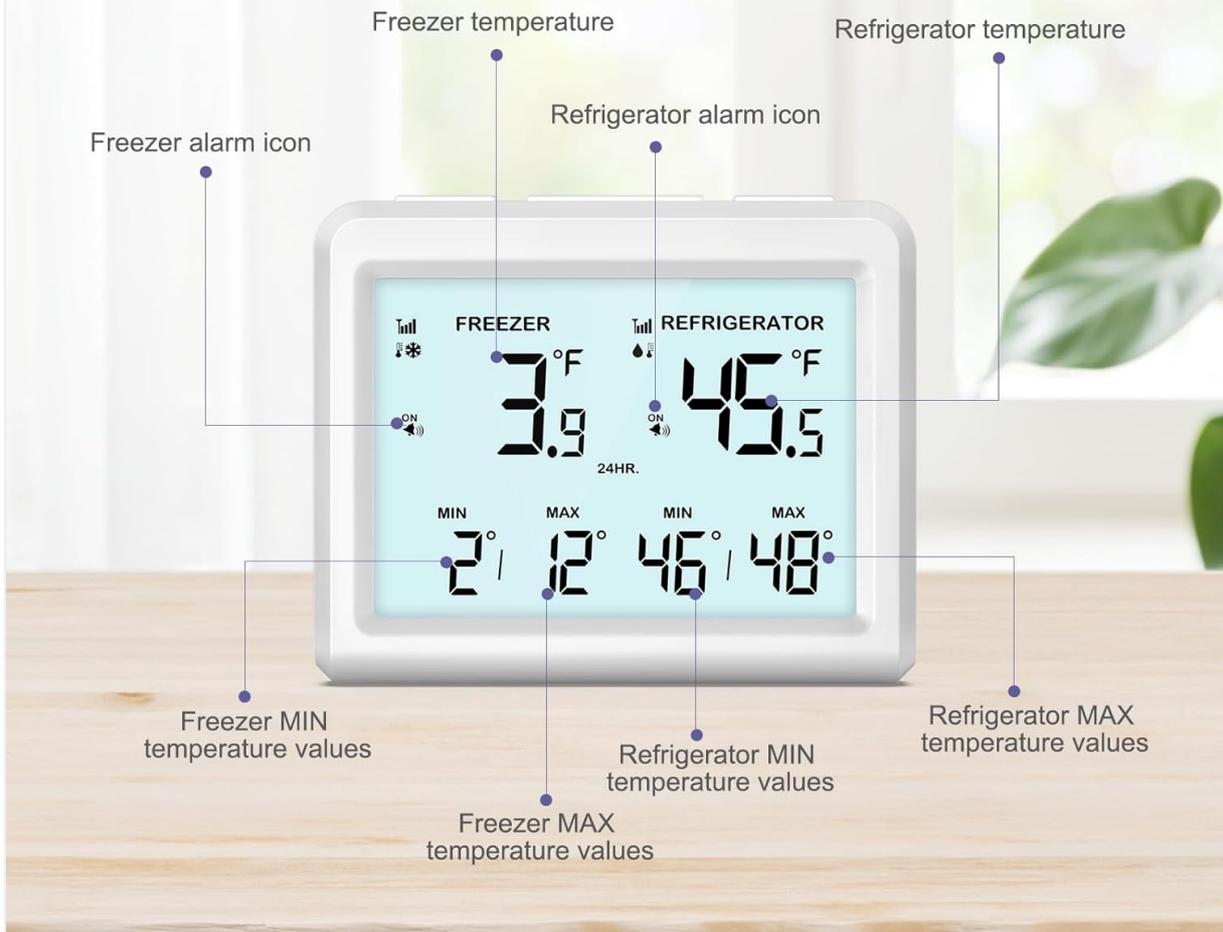
Example of main unit placement on the refrigerator exterior and a sensor placed inside.

OPERATING INSTRUCTIONS

Display Overview

EASY TO READ

Freezer temperature

Refrigerator temperature

Refrigerator alarm icon

Freezer alarm icon

FREEZER 3.9 °F

REFRIGERATOR 45.5 °F

24HR.

MIN 2° MAX 12°

MIN 46° MAX 48°

Freezer MIN
temperature values

Refrigerator MAX
temperature values

Refrigerator MIN
temperature values

Freezer MAX
temperature values

Understanding the information displayed on the main unit's LCD screen.

- The top left shows the current freezer temperature.
- The top right shows the current refrigerator temperature.
- Below each current temperature, the MIN and MAX recorded temperatures are displayed.
- Alarm icons (bell with ON/OFF) indicate alarm status for each compartment.

Button Functions

Button	Short Press Function	Long Press Function
FREEZE SET	Toggle freezer alarm ON/OFF.	Set freezer alarm temperature.
CLE/+	Select between 24-hour and All-time historical modes.	Clear historical MAX/MIN records.
RF/-	Display the set alarm value.	Re-pair sensors.
COOL SET	Toggle refrigerator alarm ON/OFF.	Set refrigerator alarm temperature.

Button	Short Press Function	Long Press Function
°C/°F	Switch between Celsius (°C) and Fahrenheit (°F).	N/A

Setting Alarms

1. **Freezer Alarm:** Long press the **FREEZE SET** button. The freezer alarm temperature will start flashing. Use the **CLE/+** and **RF/-** buttons to adjust the desired upper and lower limits. Short press **FREEZE SET** again to confirm and exit setting mode.

2. **Refrigerator Alarm:** Long press the **COOL SET** button. The refrigerator alarm temperature will start flashing. Use the **CLE/+** and **RF/-** buttons to adjust the desired upper and lower limits. Short press **COOL SET** again to confirm and exit setting mode.

3. To activate/deactivate an alarm, short press the corresponding **FREEZE SET** or **COOL SET** button. An "ON" or "OFF" indicator will appear next to the alarm icon.

4. *Note:* Alarms have a 2-minute delay to prevent false triggers from brief temperature changes (e.g., opening the door).

The display indicates when an alarm is active and the temperature is outside the set limits.

Viewing and Clearing MAX/MIN Records

- Short press the **CLE/+** button to cycle between 24-hour and All-time MAX/MIN records.
- To clear the displayed historical records, long press the**CLE/+** button.

Backlight

The backlight automatically activates when a button is pressed and turns off after 10 seconds of inactivity to save power.

MAINTENANCE

Battery Replacement

When the battery indicator appears on the display, replace the batteries in the main unit or the respective sensor. Always use new AAA (LR03) 1.5V batteries and ensure correct polarity.

Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or immerse the main unit in water. The sensors are IPX4 splash-proof but should not be submerged.

Storage

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

TROUBLESHOOTING

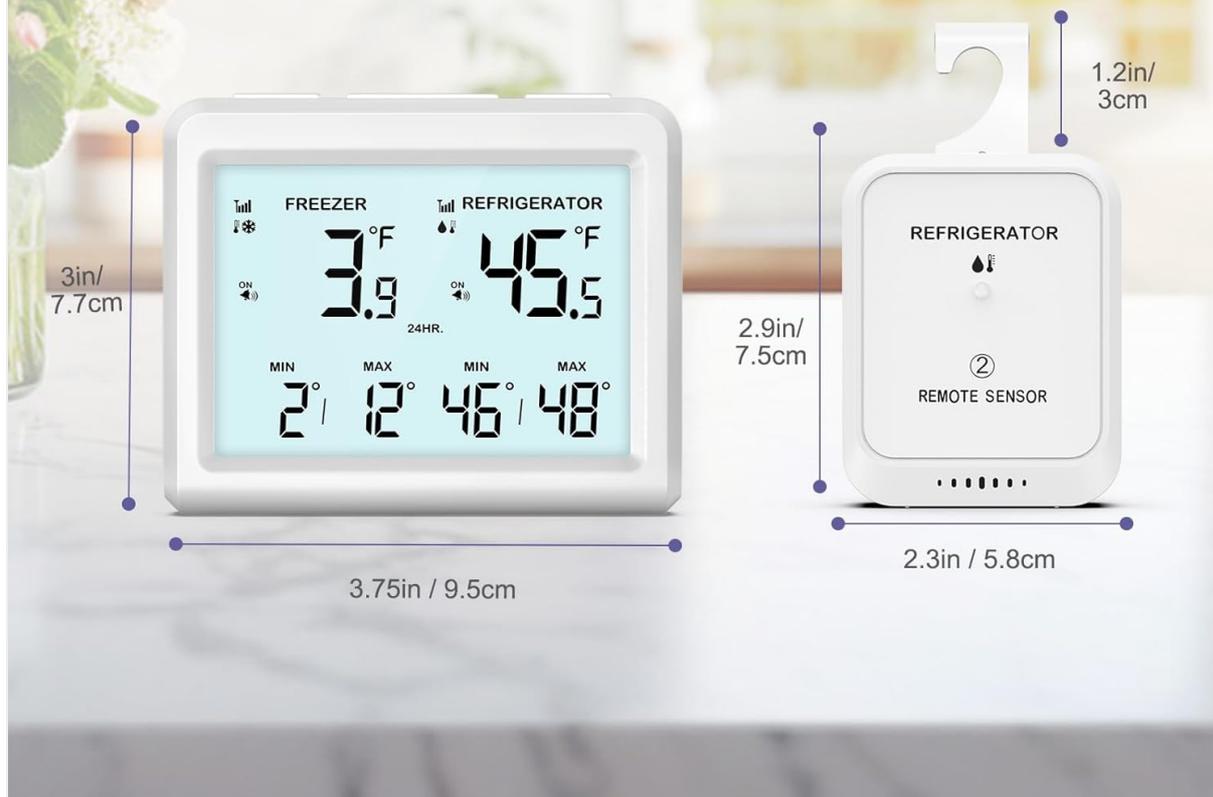| Problem	Possible Cause	Solution
No display on main unit.	Dead or incorrectly installed batteries.	Replace batteries (3xAAA) in the main unit, ensuring correct polarity.
Sensor temperature not displayed or shows "--".	1. Dead or incorrectly installed sensor batteries. 2. Sensor out of range. 3. Pairing failed.	1. Replace batteries (2xAAA) in the sensor, ensuring correct polarity. 2. Move the sensor closer to the main unit. Max range is 80m in open field, less with obstacles. 3. Long press the **RF/-** button on the main unit to re-pair.
Alarm sounds frequently.	Alarm limits set too close to operating temperature, or frequent door openings.	Adjust alarm limits to a wider range. Remember the 2-minute delay helps prevent false alarms.
Inaccurate temperature readings.	Sensor placed too close to cooling vents or heat sources.	Relocate the sensor to a more central area within the compartment, away from direct airflow or heat.

SPECIFICATIONS

Main Unit Dimensions	9.5 x 8 x 2 cm (3.75 x 3.15 x 0.79 inches)
Main Unit Power	3 x AAA (LR03) 1.5V batteries (not included)

Sensor Dimensions	6 x 7.5 x 2 cm (2.36 x 2.95 x 0.79 inches)
Sensor Hook Length	3 cm (1.2 inches)
Sensor Power	2 x AAA (LR03) 1.5V batteries per sensor (not included)
Temperature Measurement Range	-40°C ~ 37.7°C (-40°F ~ 100°F)
Freezer Alarm Setting Range	-40°C ~ 0°C (-40°F ~ 32°F)
Refrigerator Alarm Setting Range	0°C ~ 15°C (32°F ~ 59°F)
Temperature Accuracy	± 1°C (± 1.8°F)
Resolution	0.1°C (0.1°F)
Protection Grade	IPX4 (Splash-proof from all directions)
Transmission Frequency	433 MHz
Wireless Range	Up to 80m / 26 ft (in open field)
Data Transmission Cycle	Every 30 seconds
Alarm Delay Time	2 minutes

3.7in LCD
SCREEN WITH BACKLIGHT

Detailed dimensions of the main unit and remote sensors.

WARRANTY AND SUPPORT

OQIMAX products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact your retailer or OQIMAX customer service through the contact information provided at the point of purchase. Please retain your proof of purchase for warranty claims.