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› AMIR Wireless Refrigerator Thermometer (Model WA50-AU) Instruction Manual

AMIR WA50-AU

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INTRODUCTION

Thank you for choosing the AMIR Wireless Refrigerator Thermometer. This device is designed to help you monitor temperatures accurately in your refrigerator, freezer, and other indoor or outdoor environments. With its easy-to-read display, audible alarm, and wireless sensors, you can ensure optimal conditions for food storage and environmental comfort. Please read this manual thoroughly before use to ensure proper setup and operation.

WHAT'S IN THE BOX

- 1 x Main Display Unit
- 2 x Wireless Remote Sensors (Transmitters)
- 1 x User Manual

Note: Batteries are not included. The Main Unit requires 2 AAA batteries, and each Remote Sensor requires 2 AA batteries.

PRODUCT FEATURES

- **Wide Temperature Range:** Indoor temperature range: -10°C to 60°C (14°F to 140°F). Outdoor temperature range: -40°C to 60°C (-40°F to 140°F).
- **Long Transmission Range:** Wireless transmission up to 100 meters (328 feet) in open areas.
- **Audible and Visual Alarms:** Alerts when temperatures exceed pre-set minimum and maximum alarm settings.
- **Easy-to-Read LCD Display:** Large digits show current, maximum, and minimum temperatures.
- **Multiple Installation Options:** The main display unit can stand on a table, hang on a wall, or attach to a refrigerator with magnets. Remote sensors can clip onto a door or hang on a wall.
- **Simple Operation:** Dedicated buttons for alarm settings, Celsius/Fahrenheit switching, and clearing records.

SETUP INSTRUCTIONS

1. Battery Installation

For optimal performance, install batteries in the main unit first, then in the remote sensors. This allows the main unit to properly receive signals from the sensors.

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



Image: Main unit and remote sensors showing battery compartments.

2. Placement

Choose suitable locations for your main unit and remote sensors based on your monitoring needs.

- **Main Display Unit:** Place the main unit in a convenient indoor location where you can easily view the display. It can stand on a table using its built-in kickstand, be hung on a wall using the hanging hole, or attached to a metallic surface like a refrigerator door with its integrated magnets.
- **Remote Sensors:** Place one sensor inside your refrigerator and the other inside your freezer. Ensure they are not obstructed by large items or directly exposed to cold air vents for accurate readings. The sensors can be clipped onto a shelf or hung. For outdoor monitoring, place a sensor in a sheltered location to protect it from direct weather exposure.



Standing



Hanging



Magnet

EASY TO INSTALL



Image: Main unit demonstrating standing, hanging, and magnetic installation options.

PRODUCT SIZE

Hosts & launcher



Image: Remote sensor placed inside a refrigerator.

3. Initial Connection

After installing batteries, the main unit should automatically connect to the sensors. If the sensor readings are not displayed (showing "---"), press and hold the "CLEAR" button on the main unit for 3 seconds to activate long reception mode and reset the connection. Ensure the red light on the sensor blinks, indicating it is transmitting data.

Video: Demonstrates battery installation and initial connection steps for the AMIR Wireless Thermometer.

OPERATING INSTRUCTIONS

1. Switching Temperature Units (°C/°F)

Press the "+/°C/°F" button on the main unit to toggle between Celsius and Fahrenheit display modes.

2. Setting Temperature Alarms

The thermometer allows you to set high and low temperature alarms for each sensor (Sensor 1, Sensor 2) and the indoor temperature. When the temperature exceeds these limits, an audible and visual alarm will activate.

1. Press and hold the corresponding alarm button (e.g., "ALARM SENSOR1", "ALARM SENSOR2", or "ALARM INDOOR") for 3 seconds to enter the alarm setup mode for that channel. The MAX or MIN alarm value will start blinking.
2. Use the "+" or "-" buttons to adjust the desired maximum or minimum temperature.
3. Press the alarm button again to switch between setting the MAX and MIN alarm values.
4. Once set, press the alarm button a third time to confirm and exit the alarm setting mode.

Audible Alarm - ring to remind you

Set the maximum and minimum alarm value manually



Image: Main unit display highlighting alarm settings and control buttons.

Video: Demonstrates how to set the audible alarm on the AMIR Refrigerator Thermometer.

3. Viewing and Clearing Min/Max Records

The display automatically shows the current, maximum (MAX), and minimum (MIN) recorded temperatures for each

channel. To clear the recorded MAX/MIN values, press the "CLEAR" button. The display will reset the MAX/MIN values to the current temperature.

USER-FRIENDLY DESIGN

① Outdoor2 Alarm3	④ Up/Celsius temperature/ Fahrenheit temperature	⑦ Temperature (Indoor)
② Outdoor1 Alarm2	⑤ Down Value	⑧ MAX Temperature
③ Indoor1 Alarm1	⑥ Clear Max/Min Value	⑨ MIN Temperature

Image: Close-up of the main unit display, showing temperature readings and control buttons.

MAINTENANCE

- **Cleaning:** Wipe the main unit and sensors clean with a soft, damp cloth. Do not use abrasive cleaners or immerse the units in water.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Refer to the "Battery Installation" section for instructions.

TROUBLESHOOTING

- **No Sensor Reading (--- on LCD):** If the main unit does not receive a signal from a sensor, ensure batteries are correctly installed in both the main unit and the sensor. Press and hold the "CLEAR" button on the main unit for 3

seconds to re-establish the connection. Verify the red light on the sensor blinks, indicating transmission.

- **Inaccurate Readings:** Ensure sensors are placed away from direct heat sources or cold air vents. Allow some time for the sensors to stabilize after placement.
- **Interference:** The wireless transmission range is up to 100 meters in open areas. Walls, doors, windows, and other obstacles can reduce this range and affect signal reception. Try repositioning the main unit or sensors to minimize interference.
- **Multiple Thermometers:** If using multiple AMIR thermometers, install and pair one set completely before installing the next set to avoid interference during initial setup.

Video: Provides tips on how to avoid interference when using multiple AMIR Wireless Thermometers.

SPECIFICATIONS

Brand	AMIR
Model Name	WA50-AU
Indoor Temperature Range	-10°C ~ 60°C (14°F ~ 140°F)
Outdoor Temperature Range	-40°C ~ 60°C (-40°F ~ 140°F)
Resolution	0.1°C or 0.1°F
Connectivity Technology	Wireless (Bluetooth)
Power Source (Main Unit)	2 x AAA Batteries (not included)
Power Source (Sensors)	2 x AA Batteries per sensor (not included)
Special Features	Alarm, Fast Refresh, High Accuracy, Large Display
Included Components	1 x Main Unit, 2 x Transmitters, 1 x User Manual

WARRANTY AND SUPPORT

AMIR is committed to providing high-quality products and excellent customer service.

- **Quality Guarantee:** This product comes with a 12-month quality guarantee from the date of purchase.
- **Customer Service:** We offer lifetime customer service and 24/7 support for any questions or issues you may encounter. Please refer to the product packaging or our official website for contact information.

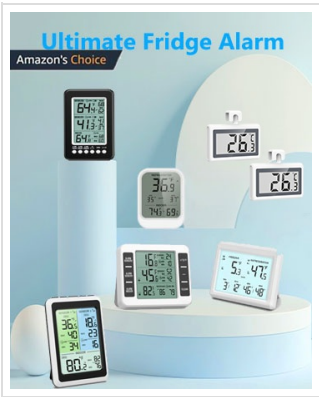


Image: AMIR support and guarantee information.

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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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