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› KIDLEDUCT WS002-WHITE Indoor Outdoor Wireless Thermometer User Manual

KIDLEDUCT WS002-WHITE

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Model: WS002-WHITE

INTRODUCTION

Thank you for choosing the KIDLEDUCT WS002-WHITE Indoor Outdoor Wireless Thermometer. This device provides accurate measurements of indoor and outdoor temperature and humidity. This manual will guide you through the setup, operation, and maintenance of your new thermometer to ensure optimal performance.

PRODUCT OVERVIEW

Included Components:

- 1 x Indoor Thermometer Main Unit
- 1 x Wireless Outdoor Sensor
- 1 x User Manual

Key Features:

- High Precision Measurement: Utilizes advanced chips for accurate temperature and humidity readings.
- Extended Wireless Range: Up to 330ft (100m) wireless transmission for stable connection.
- IPX4 Waterproof Sensor: The outdoor sensor is designed to withstand splashes and light rain.
- Backlight Display: 10-second backlight for easy viewing in low-light conditions.
- Temperature and Humidity Alerts: Customizable alerts for high/low temperature and ice conditions.
- Supports up to 3 wireless sensors (one included).



Figure 1: Main display unit and wireless outdoor sensor.

SETUP

1. Battery Installation:

The main unit and wireless sensor require batteries (not included).

1. **Main Unit:** Open the battery compartment cover on the back of the main unit. Insert 3 x AAA batteries, ensuring correct polarity (+/-). Close the cover.
2. **Wireless Sensor:** Open the battery compartment cover on the back of the wireless sensor. Insert 2 x AAA batteries, ensuring correct polarity (+/-). Close the cover.

Advanced Craftsmanship Real-time Sensing

High-precision chip
- accuracy: $\pm 0.5^{\circ}\text{F} / \pm 2\% \text{RH}$

Battery saving process
- saving energy /costs



Figure 2: Rear view of the main unit with battery compartment and stand.

2. Sensor Placement:

For accurate outdoor readings and optimal wireless signal, consider the following:

- Place the wireless sensor in a shaded, dry location away from direct sunlight and precipitation. Although the sensor is IPX4 waterproof, prolonged exposure to harsh weather can affect its lifespan.
- Ensure the sensor is within the 330ft (100m) wireless range of the main unit. Obstacles like thick walls, metal structures, and electronic devices can reduce the effective range.
- Avoid placing the sensor near large metal objects or electrical appliances that may interfere with the wireless signal.

Included Remote Sensor

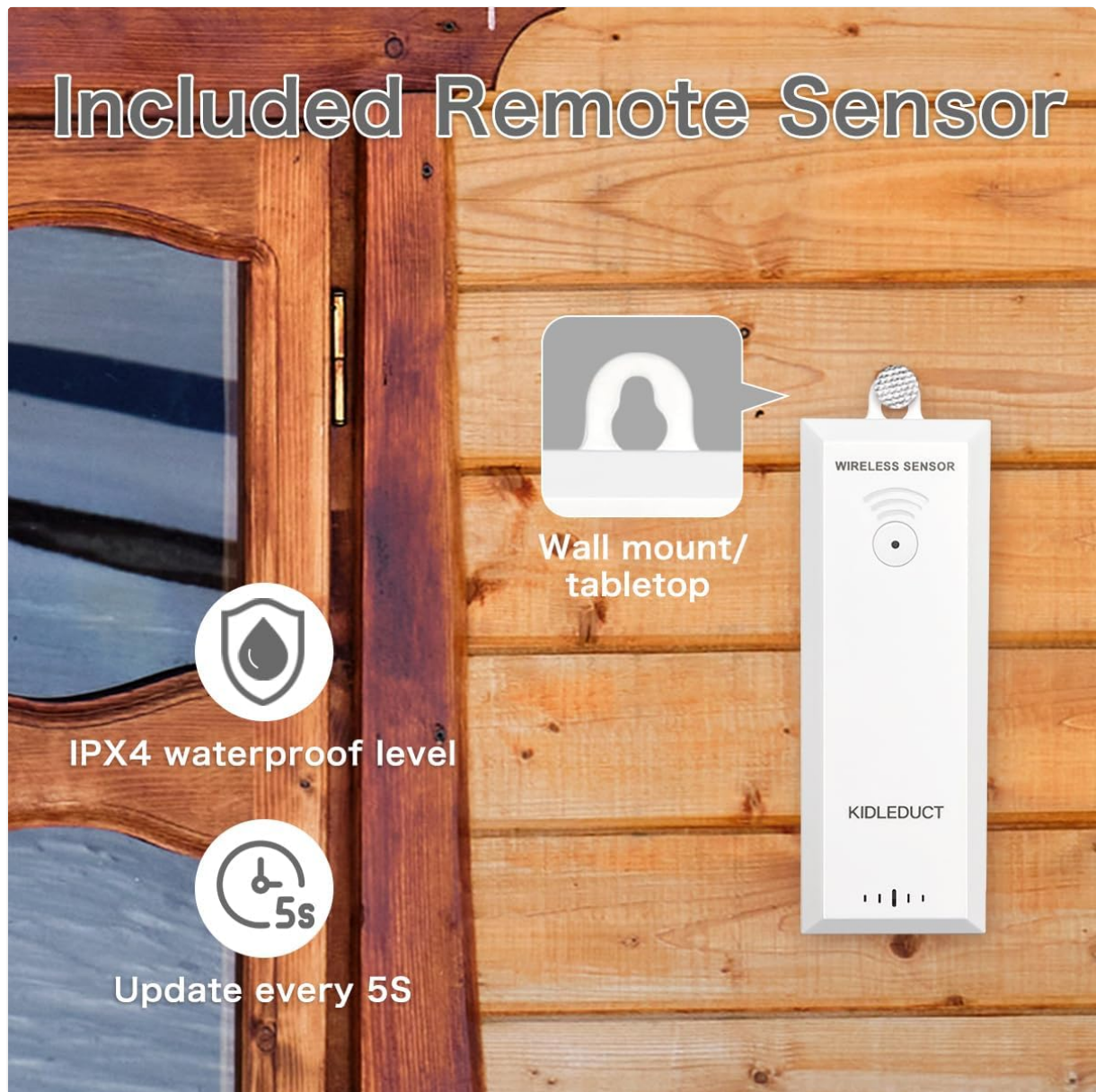


Figure 3: Recommended placement for the wireless outdoor sensor.

Enhanced Signal Technology, Ultra-long Distance & Stable Connection

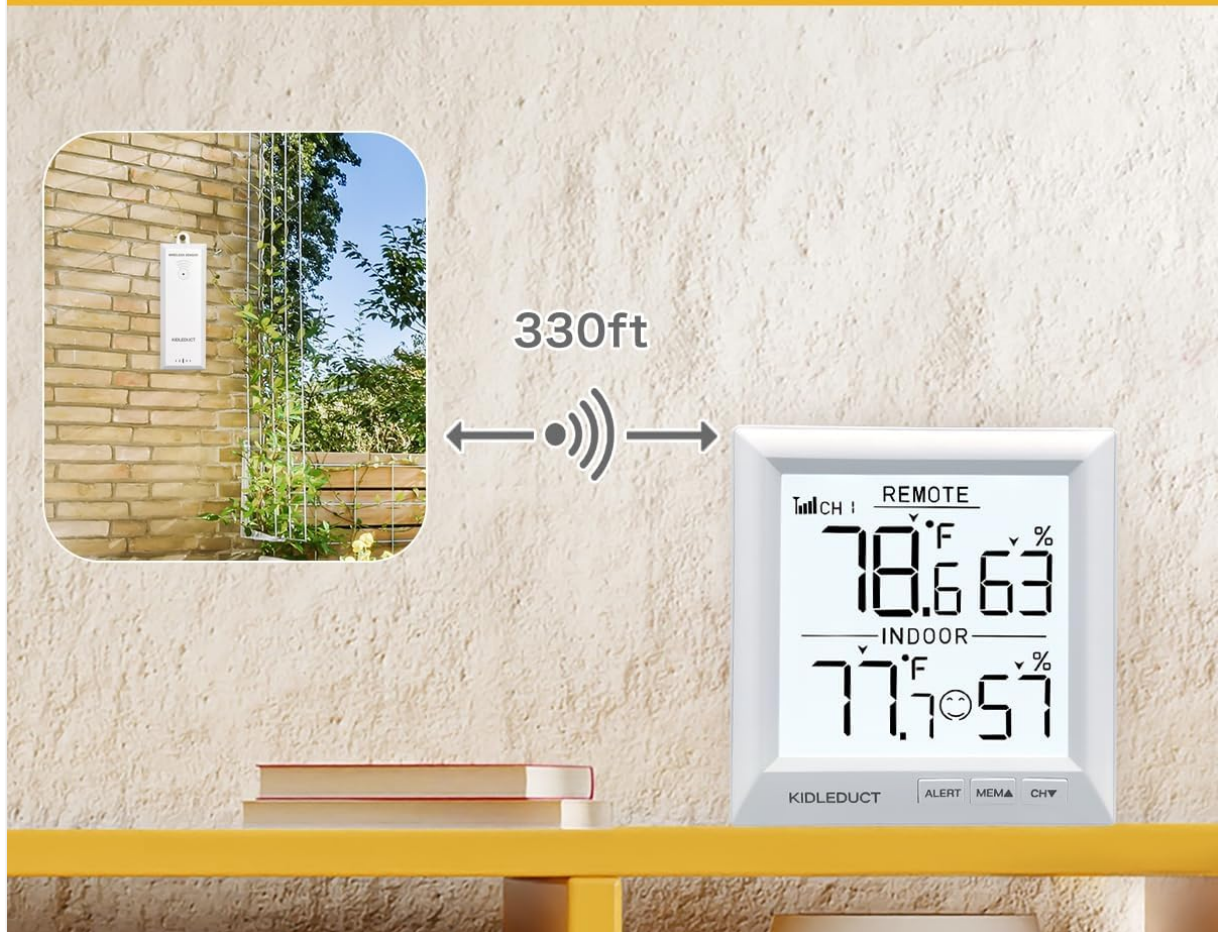


Figure 4: Illustration of the wireless signal range.

3. Initial Pairing:

Once batteries are installed in both units, the main unit will automatically search for the wireless sensor. This process may take a few minutes. The outdoor temperature and humidity readings will appear on the main unit's display once connected. If connection is not established, refer to the Troubleshooting section.

4. Mounting Options:

The main unit can be placed on a tabletop using its integrated stand or mounted on a wall using the keyhole slot on its back.

Up to 3 Wireless Sensor Connection

package comes with one sensor



Figure 5: Main unit display showing tabletop and wall-mount options.

OPERATING INSTRUCTIONS

1. Display Overview:

The main unit's LCD displays indoor temperature and humidity, outdoor (remote) temperature and humidity, signal strength, channel number, and comfort indicator.

2. Temperature Unit Selection:

Press the °C/°F button (usually located on the back or side) to switch between Celsius and Fahrenheit temperature units.

3. Backlight Function:

Touch the top of the main unit to activate the backlight. The backlight will illuminate the display for approximately 10 seconds, improving visibility in dark environments.

LCD Screen With Backlight for Easy Viewing

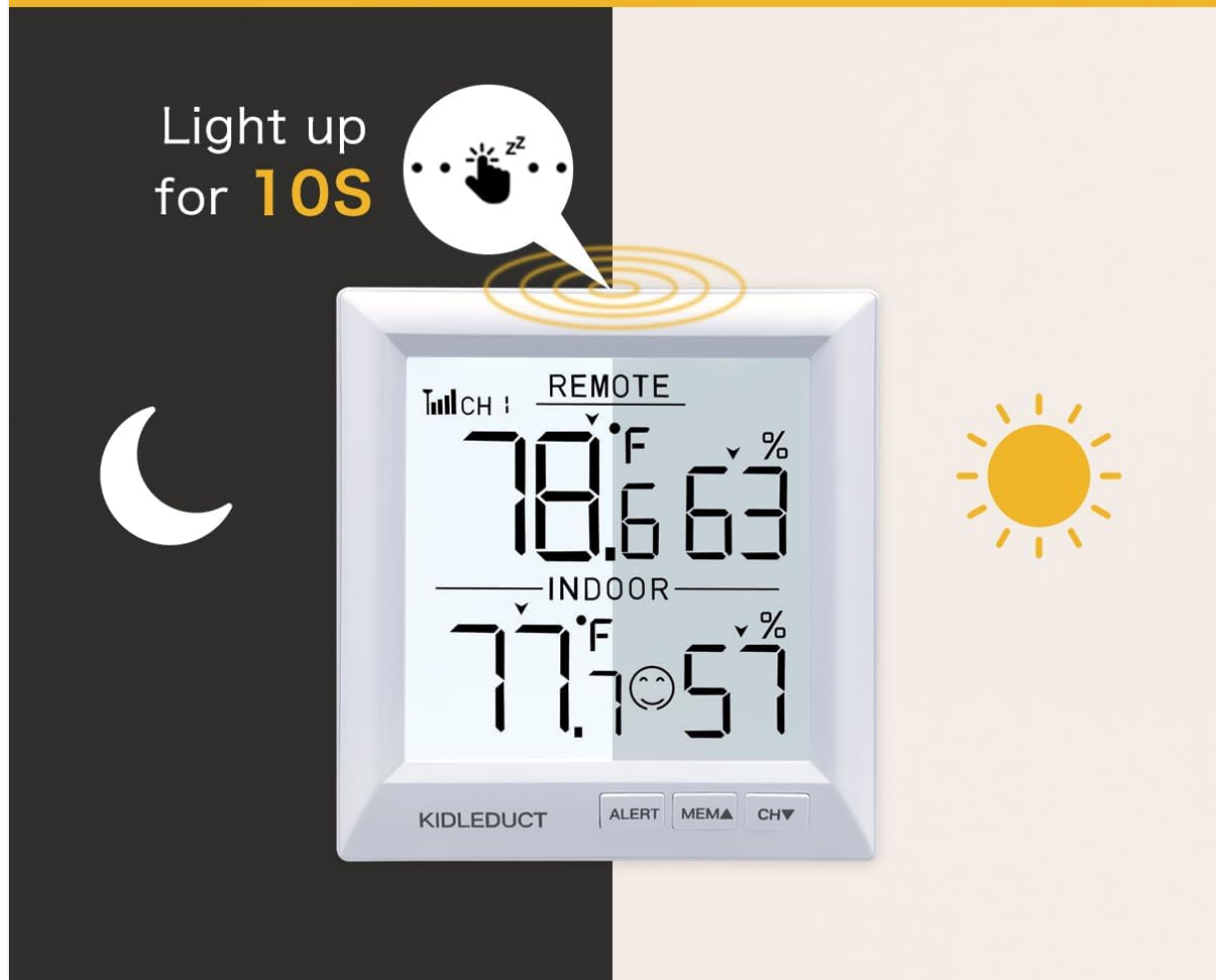


Figure 6: Main unit display with backlight for easy viewing at night.

4. Setting Alerts:

The device allows you to set high/low temperature alerts for the outdoor sensor and an ice alert.

1. Press the **ALERT** button to enter alert setting mode.
2. Use the **MEM/▲** and **CH/▼** buttons to adjust the desired high or low temperature thresholds.
3. Press **ALERT** again to confirm and cycle through alert types (High Temp, Low Temp, Ice Alert).
4. An alarm will sound and the corresponding icon will flash when a set threshold is exceeded.



Figure 7: Customizable alerts for temperature thresholds.

5. Channel Selection (for multiple sensors):

If you have additional wireless sensors (sold separately), press the **CH/▼** button to cycle through the channels (CH1, CH2, CH3) and view readings from different sensors.

6. Max/Min Records:

Press the **MEM/▲** button to view the maximum and minimum temperature and humidity records for both indoor and outdoor readings over the past 24 hours. Press again to cycle through Max, Min, and current readings. To clear records, press and hold the **MEM/▲** button.

MAINTENANCE

- **Cleaning:** Wipe the main unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display to ensure continuous and accurate operation.
- **Storage:** If storing the device for an extended period, remove all batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No outdoor reading or "----" displayed.	<ul style="list-style-type: none"> • Sensor out of range. • Battery low or incorrectly installed in sensor. • Wireless interference. 	<ul style="list-style-type: none"> • Move sensor closer to the main unit. • Check and replace sensor batteries. • Relocate sensor away from large metal objects or electronics. • Re-establish connection: Remove batteries from both units, wait 1 minute, then reinsert batteries into the sensor first, then the main unit.
Inaccurate readings.	<ul style="list-style-type: none"> • Sensor exposed to direct sunlight or heat sources. • Sensor exposed to moisture. 	<ul style="list-style-type: none"> • Relocate sensor to a shaded, well-ventilated area. • Ensure sensor is protected from heavy rain.
Display fading or blank.	<ul style="list-style-type: none"> • Low batteries in main unit. 	<ul style="list-style-type: none"> • Replace batteries in the main unit.

SPECIFICATIONS

Feature	Detail
Brand	KIDLEDUCT
Model Number	WS002-WHITE
Power Source	Battery Powered (Main Unit: 3xAAA, Sensor: 2xAAA)
Connectivity Technology	433 MHz, 868 MHz Wireless
Wireless Range	Up to 330ft (100m) in open air
Temperature Accuracy	±0.5 °C (±0.9 °F)
Humidity Accuracy	±2% RH
Outdoor Sensor Waterproof Level	IPX4
Display Type	Digital LCD with Backlight
Special Features	Backlit, High Accuracy, Large Display, Low Battery Indicator, Waterproof Sensor, Temperature/Humidity/Alert/Trends
Material	Plastic
Item Weight	6.4 ounces (0.18 Kilograms)

Feature	Detail
Package Dimensions	5.39 x 5.04 x 1.42 inches

WARRANTY AND SUPPORT

KIDLEDUCT offers a lifetime after-sales guarantee for this product. If you encounter any issues or have questions regarding your thermometer, please contact KIDLEDUCT customer support for assistance. Refer to the product packaging or official website for contact information.