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Geevon 86150-B-AAA

Geevon Wireless Digital Indoor Outdoor Thermometer

User Manual - Model: 86150-B-AAA

1. Introduction

The Geevon Wireless Digital Indoor Outdoor Thermometer provides accurate temperature and humidity readings for both indoor and outdoor environments. This device is designed for ease of use, featuring a clear LCD display with backlight, wireless signal transmission, and the ability to monitor up to three remote locations. It is suitable for various settings including living rooms, baby rooms, kitchens, offices, patios, greenhouses, and more.



Figure 1: Geevon Wireless Digital Indoor Outdoor Thermometer main unit, wireless sensor, and included batteries.

2. Package Contents

Please check the package contents to ensure all items are present:

- 1 x Geevon Indoor Outdoor Thermometer Main Unit
- 1 x Wireless Outdoor Sensor
- 1 x User Manual
- 4 x AAA Batteries (for both main unit and sensor)

3. Product Features

- **Precise Data:** Accurately records 24hr/48hr/all-time historical data for temperature and humidity. Trend arrows indicate changes. Temperature accuracy: ± 1°C.

- **Extended Signal Range:** Wireless signal reception up to 200ft/60m in open areas.
- **Multi-Channel Support:** Capable of connecting to up to 3 wireless sensors (one sensor included).
- **LCD Backlight:** Warm-colored backlight for easy reading in low light conditions, lasting 8 seconds per activation.
- **Flexible Placement:** Can be hung on a wall using the integrated hook hole or placed on a flat surface using the standing stand.
- **Fully Wireless:** Both the main unit and sensor are battery-operated, allowing placement anywhere without power outlet restrictions.
- **Bluetooth Connectivity:** For potential future features or data logging (check specific model for app compatibility).



Figure 2: Key features of the Geevon Wireless Thermometer.

4. Setup

Follow these steps to set up your Geevon Wireless Digital Indoor Outdoor Thermometer:

1. **Prepare the Wireless Sensor:** Before inserting batteries, locate the channel selector switch inside the battery compartment of the wireless sensor. Set it to your desired transmission channel (1, 2, or 3). If using only one sensor, channel 1 is recommended.
2. **Insert Batteries into Main Unit:** Open the battery compartment on the back of the main thermometer unit. Insert 2 AAA batteries, ensuring correct polarity (+/-).
3. **Insert Batteries into Wireless Sensor:** Open the battery compartment on the back of the wireless sensor. Insert 2 AAA batteries, ensuring correct polarity (+/-).
4. **Establish Connection:** Place the main unit and the wireless sensor close to each other (within a few feet). Allow 2-3 minutes for them to connect. During this time, avoid moving either unit. The outdoor temperature and humidity readings should appear on the main unit's display once connected.



Figure 3: Visual guide for connecting the main unit and sensor.

For optimal signal reception, place the wireless sensor within 200ft/60m of the main unit, avoiding large metal objects or thick walls that may interfere with the signal.

5. Operating Instructions

5.1 Display Overview

The LCD display shows indoor and outdoor temperature and humidity. It also features trend arrows indicating rising, falling, or stable conditions, and historical records.



Figure 4: Detailed view of the LCD display.

5.2 Backlight Function

Press any button on the main unit to activate the warm-colored backlight. The backlight will remain on for approximately 8 seconds, providing clear visibility in dim lighting without straining your eyes.



Figure 5: Backlight feature for enhanced readability.

5.3 Viewing Historical Records

The main unit can display temperature and humidity records for the last 24 hours, 48 hours, or all-time (since last reset). Use the "24/48" or "ALL" button on the back of the unit to cycle through these records.

5.4 Changing Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), press the "C/F" button located on the back of the main unit.

5.5 Monitoring Multiple Channels

If you have additional wireless sensors (sold separately), you can monitor up to three different outdoor locations. Use the "CH" button on the back of the main unit to switch between the channels (CH1, CH2, CH3) or to cycle through them automatically.



Figure 6: Monitor up to 3 zones with additional sensors.

5.6 Placement Options

The main unit can be placed on a flat surface using its integrated standing stand or mounted on a wall using the hook hole on its back.



Figure 7: Two convenient ways to place your thermometer.

6. Maintenance

- **Cleaning:** Wipe the main unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or immerse the units in water.
- **Battery Replacement:** Replace batteries in both the main unit and sensor when the low battery indicator appears on the display. Always replace all batteries at the same time with new AAA batteries to ensure optimal performance.
- **Sensor Placement:** For outdoor sensors, ensure they are placed in a location protected from direct rain and sunlight to prolong their lifespan and ensure accurate readings.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No outdoor temperature/humidity reading or "---" displayed.	◦ Sensor not connected or out of range. ◦ Low batteries in sensor or main unit. ◦ Interference from other electronic devices or large metal objects. ◦ Incorrect channel selected on main unit.	◦ Bring sensor closer to the main unit and re-establish connection (refer to Setup section). ◦ Replace all batteries in both units with fresh AAA batteries. ◦ Relocate the sensor or main unit away from potential sources of interference. ◦ Press the "CH" button on the main unit to select the correct channel for your sensor.
Inaccurate temperature/humidity readings.	◦ Sensor exposed to direct sunlight, rain, or extreme heat/cold sources. ◦ Sensor or main unit placed near heat-emitting appliances (e.g., refrigerator, oven).	◦ Relocate the outdoor sensor to a shaded, well-ventilated area protected from direct weather elements. ◦ Ensure both units are placed in locations that reflect the true ambient temperature and humidity.
Display is dim or blank.	Low batteries.	Replace all batteries in the main unit with fresh AAA batteries.

8. Specifications

Feature	Detail
Model Number	86150-B-AAA
Product Dimensions	Main Unit: 2.2 x 4.17 inches (5.6 x 10.6 cm); Wireless Sensor: 1.96 x 3.66 inches (5 x 9.3 cm)
Weight	7.05 ounces (200 grams)
Power Source	4 x AAA batteries (2 for main unit, 2 for sensor) - included
Connectivity Technology	Wireless (200ft/60m range), Bluetooth
Display Type	Digital LCD with Backlight
Temperature Accuracy	± 1°C
Material	Plastic
Color	Black
Manufacturer	Geevon
Country of Origin	China



Figure 8: Dimensions of the thermometer and signal transmitter.

9. Warranty and Support

Geevon products are designed for reliability and performance. For any warranty claims, technical support, or inquiries regarding your Geevon Wireless Digital Indoor Outdoor Thermometer, please contact Geevon customer service directly. Details for contacting support can typically be found on the official Geevon website or through the retailer where the product was purchased.

Please retain your proof of purchase for warranty purposes.

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