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› Geevon Wireless Indoor/Outdoor Thermometer with 3 Remote Sensors (Model 248650 TN) - User Manual

Geevon 248650 TN

Geevon Wireless Indoor/Outdoor Thermometer with 3 Remote Sensors (Model 248650 TN) - User Manual

Model: 248650 TN | Brand: Geevon

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Geevon Wireless Indoor/Outdoor Thermometer with 3 Remote Sensors. Please read this manual thoroughly before using the device to ensure proper function and longevity.

PACKAGE CONTENTS

- 1x Main Display Unit
- 3x Wireless Remote Sensors
- 1x User Manual

PRODUCT OVERVIEW

The Geevon Wireless Thermometer system allows you to monitor temperature and humidity in up to four different locations simultaneously (one indoor, three outdoor/remote). It features a large LCD display with backlight, trend arrows, and high/low alarm functions.



Image: The main display unit and the three remote sensors. The main unit shows indoor temperature and humidity, along with readings from the three remote sensors.



Image: An overview of the thermometer's key features, including thermometer, hygrometer, 8-second backlight, 200ft/60m transmission range, Celsius/Fahrenheit switch, comfort symbols, temperature alarm, and Max/Min data records.

SETUP

1. Battery Installation

The main display unit requires 2 AA batteries, and each remote sensor requires 2 AAA batteries. Batteries are not included.

1. Open the battery compartment on the back of the main display unit.
2. Insert 2 AA batteries, observing the correct polarity (+/-).
3. Close the battery compartment.
4. For each remote sensor, open the battery compartment.
5. Insert 2 AAA batteries, observing the correct polarity (+/-).
6. Close the battery compartment.



4-Kanal Hi/Lo Temperatur & Luftfeuchtigkeitswarnung



Image: Diagram showing the battery compartments for the main weather thermometer unit (2 AA batteries) and the wireless remote sensor (2 AAA batteries). Batteries are not included.

2. Sensor Placement and Pairing

Place the remote sensors in desired outdoor or indoor locations within the 60-meter (200 feet) transmission range. Avoid direct sunlight and rain for outdoor sensors, as they are IPX4 splash-proof but not fully waterproof.

1. Ensure all batteries are installed correctly in both the main unit and the remote sensors.
2. The main unit will automatically search for signals from the remote sensors. This may take a few minutes.
3. If a sensor does not connect, press the "CH/▲" button on the main unit to cycle through channels or press the reset button on the sensor.
4. The main unit can display readings from up to three remote sensors (CH1, CH2, CH3) in addition to its internal sensor (IN).

200FT/60M Drahtlose Übertragungsbereich

Im freien Gelände



Image: Illustration of the 200ft/60m wireless transmission range in an open area, showing a remote sensor placed outside a window and the main unit indoors. A note advises to avoid direct sunlight and rain for the IPX4 splash-proof remote sensor.



Überwachung von 4 verschiedenen Orten gleichzeitig

200Ft/60M Übertragungsbereich



Image: The main unit displaying temperature and humidity from four different locations (CH1, CH2, CH3, and IN) simultaneously, demonstrating its ability to monitor multiple areas like a nursery, patio, kitchen, and the main room.

OPERATING INSTRUCTIONS

1. Display Overview

The large LCD screen displays indoor temperature and humidity, along with readings from the three remote sensors. It also shows 24-hour Max/Min records and comfort level indicators.

5" großes LCD-Display mit Hintergrundbeleuchtung



Image: A close-up of the 5-inch large LCD display with backlight, showing temperature and humidity readings for four channels. The backlight activates for 8 seconds when a button is pressed.

2. Button Functions

- **MEM/°C/°F:** Press to view Max/Min temperature and humidity records for the past 24 hours. Press and hold to switch between Celsius (°C) and Fahrenheit (°F).
- **CH/▲:** Press to cycle through the remote sensor channels (CH1, CH2, CH3) or to manually search for sensor signals. In alarm setting mode, press to increase values.
- **Alert Button (Triangle with Exclamation Mark):** Press to activate/deactivate the Hi/Lo temperature and humidity alarm. Press and hold to enter alarm setting mode.

3. Temperature and Humidity Alarm

The device features a customizable high/low temperature and humidity alarm. When the measured value exceeds or falls below your preset limits, an audible alarm will sound.

1. Press and hold the Alert button to enter alarm setting mode.
2. Use the CH/▲ button to adjust the desired high or low temperature/humidity values.
3. Press the Alert button again to confirm and move to the next setting.
4. Once all settings are configured, the alarm function is active.



Image: An illustration highlighting the temperature and humidity alarm feature, showing an exclamation mark icon on the display, indicating an alert condition. This feature helps monitor environmental conditions for health.

4. Comfort Level Indicator

The display includes a comfort level indicator (face symbol) to quickly assess indoor conditions:

- **DRY:** Humidity < 40%
- **COMFORT (COM):** $40\% \leq \text{Humidity} \leq 70\%$ AND $20^{\circ}\text{C} \leq \text{Temperature} \leq 28^{\circ}\text{C}$ ($68^{\circ}\text{F} \leq \text{Temperature} \leq 82.4^{\circ}\text{F}$)
- **WET:** Humidity > 70%



Image: The comfort display feature, showing different face symbols for DRY (unhappy face, humidity < 40%), COMFORT (happy face, $40\% \leq \text{humidity} < 70\%$ and $68^{\circ}\text{F} \leq \text{temperature} < 82.4^{\circ}\text{F}$), and WET (sad face, humidity > 70%). The main

unit shows a "COM" indicator.

MAINTENANCE

1. Cleaning

Wipe the display unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or solvents.

2. Battery Replacement

Replace batteries when the low battery indicator appears on the display. Always replace all batteries in a unit at the same time with new ones of the same type.

3. 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	Batteries are dead or incorrectly installed.	Check battery polarity and replace with fresh AA batteries.
Remote sensor not displaying readings	• Sensor batteries are dead or incorrectly installed. • Sensor is out of range. • Interference from other devices. • Sensor channel not selected on main unit.	• Check sensor battery polarity and replace with fresh AAA batteries. • Move sensor closer to the main unit. • Relocate sensor or main unit away from potential interference sources. • Press "CH/▲" on the main unit to cycle through channels.
Inaccurate readings	• Sensor exposed to direct sunlight or heat source. • Sensor placed in a high humidity environment (e.g., near a vent).	• Relocate sensor to a shaded area or away from heat sources. • Ensure proper ventilation around the sensor.

SPECIFICATIONS

- **Model Number:** 248650 TN
- **Indoor Temperature Range:** -10°C to 60°C (14°F to 140°F)
- **Outdoor Temperature Range:** -50°C to 70°C (-58°F to 158°F)
- **Temperature Accuracy:** ±1°C (±1.8°F)
- **Humidity Range:** 20% to 95% RH
- **Humidity Accuracy:** ±5% RH
- **Wireless Transmission Range:** Up to 60 meters (200 feet) in open area
- **Wireless Frequency:** 433 MHz
- **Main Unit Power:** 2 x AA batteries (not included)
- **Remote Sensor Power:** 2 x AAA batteries (not included)
- **Dimensions (Main Unit):** Approximately 1.5 x 10 x 13 cm (0.6 x 3.9 x 5.1 inches)

- **Weight (Main Unit):** 300 grams (without batteries)
- **Special Features:** Backlit LCD, Large Display, Max/Min Records, Hi/Lo Alarm, Comfort Indicator

PLACEMENT OPTIONS

The main display unit can be placed on a desktop using its integrated kickstand or mounted on a wall using the hanging hole.



Image: Two placement options for the main weather thermometer unit: wall mounting using the integrated hole and desktop placement using the foldable stand. A remote sensor is also shown placed near a window.

SUPPORT

For further assistance or technical support, please refer to the manufacturer's website or contact their customer service. Contact information is typically found on the product packaging or the official Geevon website.