Geevon 228646

Geevon Wireless Indoor Outdoor Thermometer User Manual

Model: 228646 | Brand: Geevon

1. Introduction

Thank you for choosing the Geevon Wireless Indoor Outdoor Thermometer. This device provides accurate real-time temperature and humidity readings for up to four locations simultaneously (one main unit and three remote sensors). It features a large LCD display, MAX/MIN records, trend arrows, and a comfort indicator to help you monitor your environment effectively. Please read this manual carefully before use to ensure proper operation and longevity of your device.

2. Package Contents

- 1 x Main Thermometer Unit
- 3 x Remote Sensors
- 1 x User Manual

3. Product Overview

The Geevon Wireless Thermometer system consists of a main display unit and three remote sensors. The main unit displays indoor temperature and humidity, along with readings from the three remote sensors. Each remote sensor transmits its local temperature and humidity data wirelessly to the main unit.

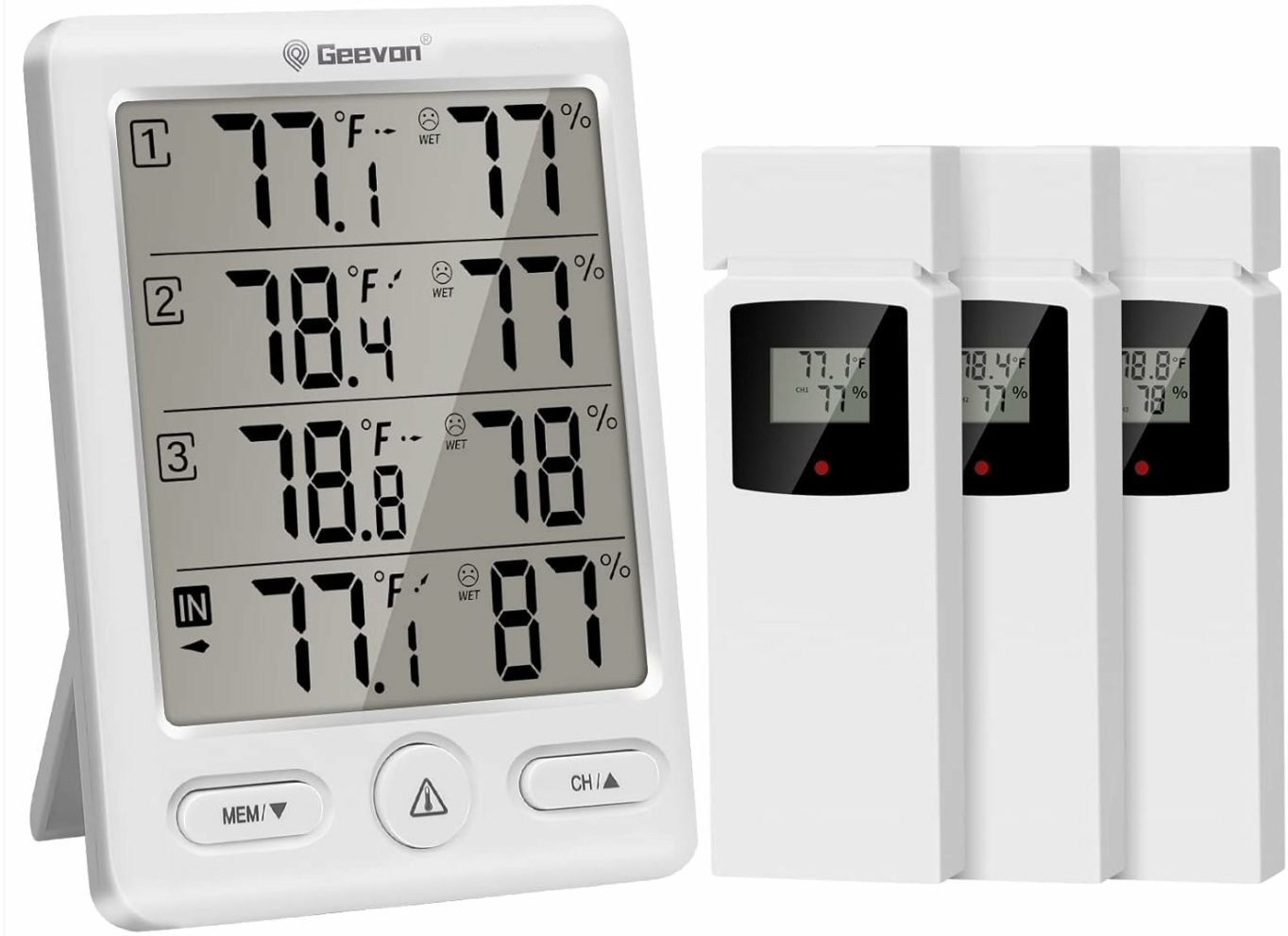


Image: Main display unit and three remote sensors.

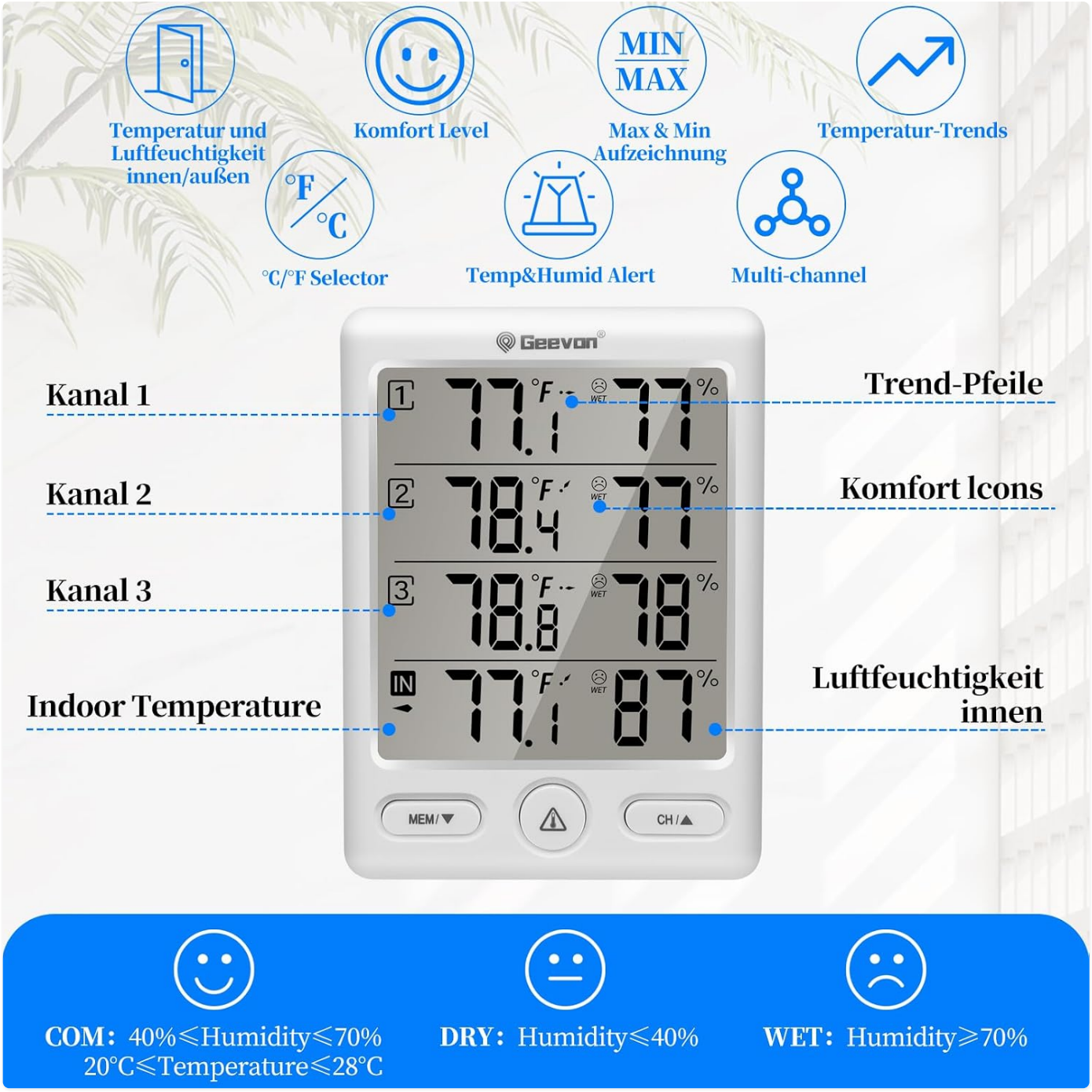


Image: Detailed view of the main unit's LCD display, highlighting channels, trend arrows, comfort icons, and indoor humidity display.

4. Setup

4.1 Battery Installation

The main 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 unit and each remote sensor.
2. Insert batteries according to the polarity markings (+ and -).
3. Close the battery compartments securely.

4.2 Sensor Pairing

The remote sensors should automatically pair with the main unit upon battery installation. If a sensor does not connect:

1. Ensure both the main unit and the remote sensor have fresh batteries.

2. Press the 'CH/▲' button on the main unit to cycle through channels and ensure it's searching for the correct sensor.
3. Press the 'TX' button inside the battery compartment of the remote sensor to manually send a signal.
4. Keep the main unit and sensors within close proximity during the initial pairing process.



Image: The main unit and remote sensors offer both tabletop standing and wall-mounting options via integrated stands and hanging holes.

5. Operation

5.1 Display Readings

The large LCD display shows the indoor temperature and humidity, along with the temperature and humidity for each of the three remote sensors (Channels 1, 2, and 3).

5.2 MAX/MIN Records

The device automatically records the maximum and minimum temperature and humidity readings over the last 24 hours. Press the 'MEM/▼' button to view these records. Pressing it again will cycle through current, maximum, and minimum

values.

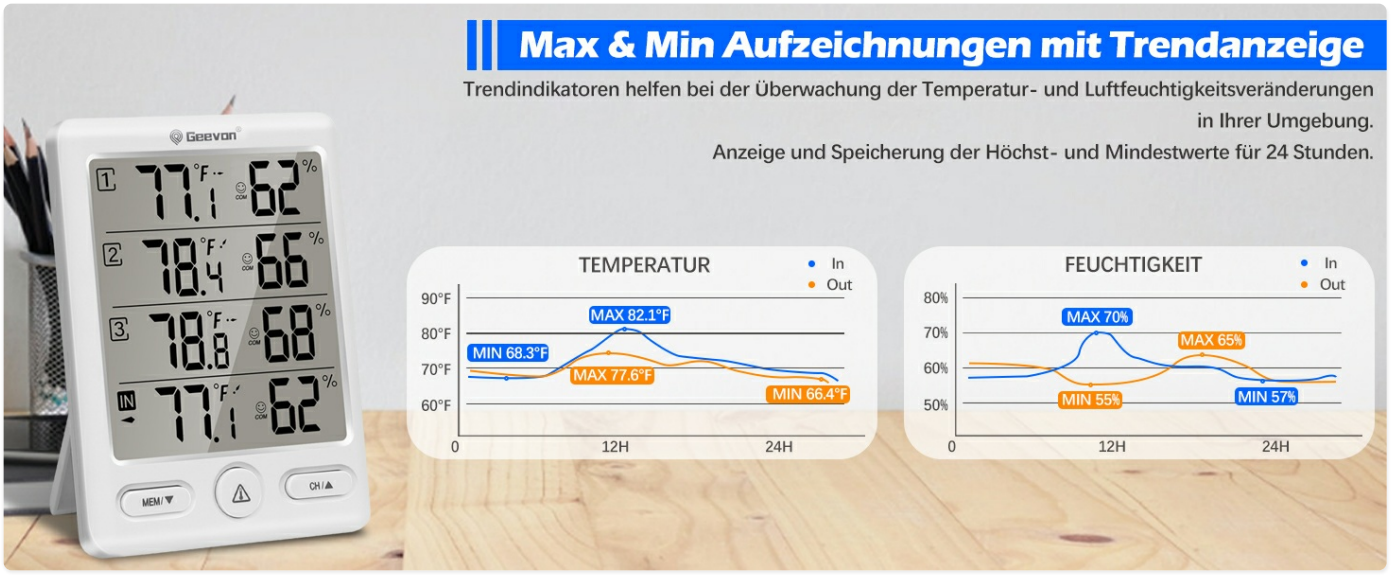


Image: The display shows maximum and minimum temperature and humidity values, along with trend indicators over a 24-hour period.

5.3 Temperature/Humidity Alarm

You can set high and low alarm thresholds for temperature and humidity. If the readings exceed or fall below these thresholds, an audible alarm will sound.

1. Press and hold the 'Δ' (Alarm) button to enter alarm setting mode.
2. Use the 'MEM/▼' and 'CH/▲' buttons to adjust the desired high and low values for temperature and humidity.
3. Press the 'Δ' button again to confirm each setting.

5.4 Comfort Indicator

The main unit displays a comfort level icon (DRY, COMFORT, WET) based on the indoor temperature and humidity readings:

- **DRY:** Humidity ≤ 40%
- **COMFORT:** 40% ≤ Humidity ≤ 70% AND 20°C ≤ Temperature ≤ 28°C (68°F ≤ Temperature ≤ 82.4°F)
- **WET:** Humidity ≥ 70%



Image: The display provides a comfort indicator (Dry, Comfort, Wet) based on current humidity and temperature levels.

5.5 Unit Switching

Press the 'MEM/▼' button to switch between Celsius (°C) and Fahrenheit (°F) temperature units.

6. Placement Guidelines

Proper placement of the main unit and remote sensors is crucial for accurate readings and optimal wireless transmission.

6.1 Main Unit Placement

- Place the main unit indoors, away from direct sunlight, heat sources, or drafts that could affect readings.
- It can be placed on a tabletop using its integrated stand or mounted on a wall.

6.2 Remote Sensor Placement

The remote sensors have a wireless transmission range of up to 60 meters (200 feet) in open air. Obstacles like walls, metal objects, and electronic devices can reduce this range.

- **Vertical Orientation:** Always place the outdoor sensor vertically to prevent water accumulation and ensure proper drainage.
- **Height:** Mount sensors 1.2 to 2.4 meters (4 to 8 feet) above the ground.
- **Shade and Ventilation:** For outdoor use, place sensors in a permanently shaded area with good air circulation to avoid direct sunlight and radiant heat, which can cause inaccurate temperature readings.
- **Distance from Electronics:** Keep sensors at least 1.5 to 2 meters (5 to 6.5 feet) away from electronic devices such as TVs, computers, microwaves, and other wireless devices to prevent interference.
- **Avoid Obstacles:** Minimize the number of walls or large metal objects between the remote sensors and the main unit.



Image: Guidelines for correct sensor placement, including vertical orientation, distance from electronic devices, optimal height, and placement in shaded, well-ventilated areas.



Image: Example of monitoring temperature and humidity in four different locations, including indoor and outdoor areas of a house.

7. Maintenance

7.1 Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the plastic components or the LCD screen.

7.2 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. Dispose of old batteries responsibly.

8. Troubleshooting

- **No Display/Blank Screen:**
  Ensure batteries are inserted correctly with proper polarity. Replace with fresh batteries if needed.
- **No Remote Sensor Reading:**
  Check if the remote sensor has fresh batteries. Ensure the sensor is within the 60m (200ft) transmission range and free from major obstructions. Press the 'TX' button on the sensor and the 'CH/▲' button on the main unit to re-establish connection.
- **Inaccurate Humidity Reading (Main Unit):**
  Sometimes, the humidity sensor on the main unit can become less accurate over time due to dust or debris. Gently blow cool air (e.g., from a hairdryer on a cool setting) into the vents of the main unit for a few minutes to clear any obstructions.
- **Inaccurate Temperature Reading:**
  Ensure sensors are not in direct sunlight, near heat sources, or in drafts. Allow time for the sensors to stabilize after placement.
- **Interference:**
  If readings are erratic or connectivity is lost, move the main unit or sensors away from other electronic devices that might cause interference.

9. Specifications

Feature	Detail
Model Number	228646
Indoor Temperature Range	-10°C ~ 60°C (14°F ~ 140°F)
Outdoor Temperature Range	-50°C ~ 70°C (-58°F ~ 158°F)
Temperature Accuracy	± 1°C
Humidity Range	20% - 95%
Humidity Accuracy	± 5%
Wireless Range	Up to 60 meters (200 feet) in open area
Frequency	433 MHz
Main Unit Power	2 x AA Batteries (not included)
Remote Sensor Power	2 x AAA Batteries (not included) per sensor
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic, Metal
Dimensions (Main Unit)	2.54 x 9.91 x 12.7 cm (1 x 3.9 x 5 inches)
Weight (Item)	340 g (0.75 lbs)
Display Type	Digital LCD
Special Features	Large Display, Alarm, Low Battery Indicator, Wireless, High Measurement Accuracy



Image: Dimensions of the main unit and remote sensors.

10. Warranty and Support

Geevon products are designed for reliability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For detailed warranty information, technical support, or to purchase replacement parts, please visit the official Geevon brand store or contact customer service.

Visit the Geevon Brand Store

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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