

Geevon TX19-1

Geevon TX19-1 Wireless Remote Outdoor Sensor Instruction Manual

Model: TX19-1

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1. INTRODUCTION

This manual provides detailed instructions for the Geevon TX19-1 Wireless Remote Outdoor Sensor. This sensor is designed as a replacement or supplementary unit for compatible Geevon wireless weather stations and indoor/outdoor digital thermometer hygrometers. It measures outdoor temperature and humidity and transmits data wirelessly to the main display unit.

Important Note: Please verify that your existing Geevon weather station or thermometer model is compatible with the TX19-1 sensor prior to purchase and setup. This sensor is not designed for use with weather stations from other brands.

2. PRODUCT OVERVIEW

The Geevon TX19-1 sensor is a compact, black unit equipped with sensitive vents for accurate temperature and humidity readings. It operates wirelessly and supports multiple channels for monitoring different locations.

2.1 Package Contents

- 1 x Geevon TX19-1 Wireless Remote Outdoor Sensor

Note: AAA batteries (2 required) are not included and must be purchased separately.

2.2 Key Features

- Measures outdoor temperature and humidity.
- Wireless transmission via 433 MHz signal.

- Transmission range up to 200 feet (60 meters) in open areas.
- Supports 3 selectable channels (CH1, CH2, CH3) for multi-location monitoring.
- Data transmitted approximately every 30 seconds.
- Requires 2 x AAA batteries for operation.

2.3 Product Components



Figure 2.3.1: Front view of the Geevon TX19-1 Wireless Remote Outdoor Sensor. The sensor is black with a red indicator light and ventilation slits at the top.

200FT/60M WIRELESS TRANSMISSION RANGE

Place units OUT OF direct sunlight and rain.



Figure 2.3.2: Dimensions of the TX19-1 sensor (1.77 inches width, 3.54 inches height, 0.98 inches depth) shown alongside a weather station display unit.

3. SETUP INSTRUCTIONS

3.1 Battery Installation

1. Locate the battery compartment on the back of the TX19-1 sensor.
2. Remove the battery compartment cover.
3. Insert 2 x AAA batteries, ensuring correct polarity (+ and -).
4. Replace the battery compartment cover securely.

MULTI-FUNCTIONAL WEATHER STATION



Figure 3.1.1: Illustration of battery installation for the wireless remote sensor, showing the battery compartment and required AAA batteries.

3.2 Channel Selection and Pairing

The TX19-1 sensor allows you to select one of three channels (1, 2, or 3) to communicate with your main weather station. This is useful if you have multiple sensors or wish to avoid interference.

1. After installing batteries, the sensor will automatically begin transmitting.
2. On the TX19-1 sensor, locate the channel switch inside the battery compartment or on the back of the unit. Select the desired channel (1, 2, or 3).
3. On your main Geevon weather station display unit, select the corresponding channel. Refer to your weather station's manual for specific instructions on how to select or cycle through channels.
4. The weather station should automatically detect and display the temperature and humidity data from the sensor on the selected channel. If not, initiate a manual search for sensors on your main unit (refer to its manual).

200FT/60M WIRELESS TRANSMISSION RANGE



Figure 3.2.1: Diagram illustrating the use of up to three TX19-1 sensors on different channels (CH1, CH2, CH3) with a single main weather station, and how to select channels on the main unit.

3.3 Sensor Placement Guidelines

Proper placement of the outdoor sensor is crucial for accurate readings and optimal transmission range.

- Place the sensor in a shaded, well-ventilated area to avoid direct sunlight, which can cause artificially high temperature readings.
- Avoid placing the sensor near heat sources (e.g., heating vents, appliances, direct sunlight on dark surfaces) or moisture sources (e.g., sprinklers, downspouts).
- Ensure the sensor is protected from direct rain and snow, even though it is weather-resistant. An overhang or sheltered location is ideal.
- Position the sensor within the 200-foot (60-meter) transmission range of your main weather station. Walls, large metal objects, and other electronic devices can reduce the effective range.
- Mount the sensor securely to prevent it from falling or being dislodged by wind.

UP TO 3 CHANNELS FOR INDOOR & OUTDOOR

200FT/60M TRANSMISSION RANGE IN OPEN AREA



Figure 3.3.1: Illustration demonstrating optimal placement of the TX19-1 sensor outdoors, showing its wireless transmission to the indoor weather station and emphasizing avoiding direct sunlight and rain.

4. OPERATION

Once the TX19-1 sensor is set up and paired with your main weather station, it operates automatically.

- The sensor continuously monitors outdoor temperature and humidity.
- Data is transmitted wirelessly to the main weather station approximately every 30 seconds.
- The main weather station will display the received data for the selected channel. If multiple sensors are used, you can typically cycle through the channels on the main unit to view readings from each sensor.
- The red indicator light on the sensor may flash briefly during data transmission.



Figure 4.1.1: Visual representation of the TX19-1 sensor transmitting data to a main weather station, showing how it supports up to 3 channels within its 200ft/60m transmission range.

5. MAINTENANCE

5.1 Battery Replacement

When the batteries in the sensor are low, the main weather station may indicate a low battery icon for that specific channel, or the sensor may stop transmitting data. Replace batteries promptly to ensure continuous operation.

1. Remove the battery compartment cover.
2. Remove the old AAA batteries.
3. Insert 2 new AAA batteries, observing correct polarity.
4. Replace the battery compartment cover.

5. The sensor should automatically re-establish connection with the main unit. If not, follow the pairing steps in Section 3.2.

5.2 Cleaning

To maintain optimal performance, periodically clean the sensor.

- Wipe the exterior of the sensor with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or immerse the sensor in water.
- Ensure the ventilation slits are free from dust, dirt, or debris. Use a soft brush if necessary.

5.3 Environmental Considerations

- While the sensor is weather-resistant, prolonged exposure to extreme weather conditions (e.g., heavy rain, direct snow, extreme heat/cold) can affect its lifespan.
- Ensure the battery compartment remains sealed to prevent water ingress.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sensor not connecting to main unit / No readings displayed.	◦ Incorrect channel selected. ◦ Batteries are dead or inserted incorrectly. ◦ Sensor is out of range. ◦ Interference from other electronic devices. ◦ Incompatible main unit.	◦ Ensure the sensor and main unit are set to the same channel (1, 2, or 3). ◦ Replace batteries with new AAA batteries, ensuring correct polarity. ◦ Move the sensor closer to the main unit. ◦ Relocate the sensor or main unit away from potential sources of interference (e.g., Wi-Fi routers, cordless phones). ◦ Verify your main weather station model (NO. 208665 or other compatible Geevon models) is listed as compatible with TX19-1. ◦ Perform a manual search for sensors on your main unit (refer to its manual).
Inaccurate temperature/humidity readings.	◦ Sensor exposed to direct sunlight or heat source. ◦ Sensor exposed to direct moisture. ◦ Ventilation slits are blocked.	◦ Relocate the sensor to a shaded, well-ventilated area. ◦ Ensure the sensor is protected from direct rain or excessive moisture. ◦ Clean the ventilation slits gently with a soft brush.

Problem	Possible Cause	Solution
Short battery life.	- Using low-quality batteries. - Extreme temperatures.	- Use high-quality alkaline batteries. - Avoid placing the sensor in areas with extreme temperature fluctuations if possible.

7. SPECIFICATIONS

Feature	Detail
Model Number	TX19-1
Product Dimensions	1.8 x 3.5 x 0.78 inches (4.57 x 8.89 x 1.98 cm)
Weight	1 ounce (approx. 28 grams)
Power Source	2 x AAA batteries (not included)
Connectivity Technology	433 MHz wireless
Transmission Range	Up to 200 feet (60 meters) in open area
Data Transmission Frequency	Every 30 seconds
Outdoor Temperature Range	-40°F ~ 140°F (-40°C ~ 60°C)
Special Features	Pre-Calibrated, Weather Resistant, Wireless
Material	Acrylonitrile Butadiene Styrene (ABS), Metal, Plastic
Color	Black
Manufacturer	Geevon

8. WARRANTY AND SUPPORT

Geevon products are designed for reliability and performance. For specific warranty information regarding your TX19-1 sensor or the compatible weather station, please refer to the documentation provided with your main weather station unit or visit the official Geevon website.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Geevon customer support:

- Online Support:** Visit the official Geevon website for FAQs, product registration, and contact forms.
- Email Support:** Refer to your product packaging or the Geevon website for the customer service email address.

When contacting support, please have your product model number (TX19-1) and details of your main weather station model (e.g., NO. 208665) ready.

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

Anonymous

Email

you@example.com

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

Answered questions about this manual

My Geevon TX19-1 outdoor sensor is no longer working; is there a replacement available for it?

Yes, the Geevon TX19-1 is specifically designed and sold as a replacement or supplementary unit for compatible Geevon wireless weather stations (such as model NO. 208665). Before purchasing a new one, you may want...

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