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Geevon TX19-W

Geevon TX19 Wireless Remote Outdoor Sensor Instruction Manual

Model: TX19-W

INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Geevon TX19 Wireless Remote Outdoor Sensor. Please read this manual thoroughly before use to ensure optimal performance and longevity of the device.

The Geevon TX19 sensor is designed to measure outdoor temperature and humidity, transmitting data wirelessly to a compatible Geevon weather station or indoor/outdoor thermometer. It is an essential component for monitoring environmental conditions in various outdoor settings.

PRODUCT OVERVIEW



Image: Front view of the Geevon TX19 Wireless Remote Outdoor Sensor. The sensor is white with a red indicator light and ventilation slots at the top and bottom.

Key Features:

- Measures outdoor temperature and humidity.
- Wireless transmission via 433 MHz signal.
- Transmission range up to 200 feet (60 meters).
- Data transmitted every 30 seconds.
- Supports up to 3 channels for monitoring multiple locations with additional sensors.
- Compatible with specific Geevon weather stations and thermometers (models 208270, 208667, 208664, 215019, 8688, and 228646).

Included Components:

- 1 x Geevon TX19 Wireless Remote Outdoor Sensor

SETUP

1. Battery Installation:

Open the battery compartment on the back of the sensor. Insert two (2) AAA batteries, ensuring correct polarity (+/-). Close the battery compartment securely.

Important Battery Notes: Do not use heavy-duty or rechargeable batteries. For low-temperature conditions, lithium batteries are recommended as alkaline batteries may perform improperly. Do not mix old and new batteries.

2. Channel Selection:

Locate the channel switch inside the battery compartment or on the sensor. Select the desired channel (1, 2, or 3). If using multiple sensors, assign a unique channel to each sensor.

3. Pairing with Main Unit:

Once batteries are installed and a channel is selected, the sensor will automatically begin transmitting data. Ensure your compatible Geevon weather station or thermometer is powered on and within range to receive the signal. Refer to your main unit's manual for specific pairing instructions if needed.

4. Sensor Placement:

For accurate readings, place the sensor in a ventilated outdoor environment. Avoid direct sunlight, as this can cause artificially high temperature readings. Keep the sensor away from heat sources (e.g., vents, appliances) and moisture sources (e.g., sprinklers, gutters).

Ensure the sensor is within 200 feet (60 meters) of the main unit. Maintain a distance of at least 3 feet (1 meter) from electronic devices that may cause wireless interference, such as TVs, microwaves, computers, or radios.

Compatibility Note: This sensor is compatible with Geevon Weather Station models 208270, 208667, 208664, 215019, 8688, and Indoor/Outdoor Thermometer model 228646. Please verify your main unit's compatibility before purchasing or using this sensor.

OPERATING INSTRUCTIONS

The Geevon TX19 sensor operates automatically once properly set up. It continuously monitors outdoor temperature and humidity and transmits this data wirelessly to your compatible Geevon weather station or thermometer.

- **Data Transmission:** The sensor transmits updated data every 30 seconds.
- **Multi-Location Monitoring:** If you are using multiple TX19 sensors (up to three), your main weather station will display temperature and humidity readings for each assigned channel, allowing you to monitor different outdoor locations simultaneously.

No user interaction is required for daily operation beyond initial setup and periodic battery replacement.

MAINTENANCE

- **Battery Replacement:** The sensor requires two (2) AAA batteries. Replace batteries approximately every 6 months, or when the low battery indicator appears on your main weather station. Follow the battery installation guidelines in the Setup section.
- **Cleaning:** Periodically wipe the exterior of the sensor with a soft, damp cloth. Do not use abrasive cleaners or immerse the sensor in water. Ensure no water or other liquids enter the sensor's internal components.
- **Optimal Placement:** Regularly check the sensor's placement to ensure it remains in a ventilated area, away from direct sunlight, heat sources, and excessive moisture, to maintain accurate readings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No readings on main unit / Sensor not connecting	<ul style="list-style-type: none">• Low or dead batteries.• Incorrect battery type.• Sensor out of range.• Wireless interference.• Incorrect channel selected.• Main unit not compatible.	<ul style="list-style-type: none">• Replace batteries with fresh AAA alkaline or lithium (for cold weather) batteries.• Ensure sensor is within 200 ft (60m) of the main unit.• Move sensor and main unit away from other electronics (at least 3 ft / 1m).• Verify the channel switch on the sensor matches the selected channel on the main unit.• Confirm your main unit is one of the compatible Geevon models.
Inaccurate temperature/humidity readings	<ul style="list-style-type: none">• Sensor exposed to direct sunlight.• Sensor near heat or moisture sources.• Poor ventilation around the sensor.• Water or liquid inside the sensor.	<ul style="list-style-type: none">• Relocate the sensor to a shaded, well-ventilated area.• Ensure the sensor is away from any heat-emitting appliances or excessive moisture.• Check for any signs of water ingress and ensure the sensor is dry.
Short battery life	<ul style="list-style-type: none">• Using heavy-duty or rechargeable batteries.• Extreme cold temperatures (for alkaline batteries).	<ul style="list-style-type: none">• Use standard AAA alkaline batteries. For temperatures below freezing, use AAA lithium batteries.

SPECIFICATIONS

Model Number	TX19-W (Manufacturer Part Number: GN-TX19-CA)
Brand	Geevon
Power Source	Battery Powered (2 x AAA batteries required)
Battery Life	Approximately 6 months
Connectivity Technology	433 MHz Wireless
Transmission Range	Up to 200 feet (60 meters)
Response Time	30 seconds
Indoor/Outdoor Usage	Outdoor
Upper Temperature Rating	60 Degrees Celsius
Product Dimensions	4 x 2 x 12 cm
Item Weight	40 Grams
Material	Plastic
Special Features	Pre-Calibrated, Wireless
Country of Origin	China

WARRANTY INFORMATION

The Geevon TX19 Wireless Remote Outdoor Sensor comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, accident, unauthorized modification, improper installation, or use with incompatible devices. For detailed warranty terms and conditions, please contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your Geevon TX19 Wireless Remote Outdoor Sensor, please contact our customer support team:

Email: support@geevon.com

Please provide your product model (TX19-W) and a detailed description of your issue when contacting support for faster service.