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> Geevon Wireless Digital Rain Gauge Outdoor, with Indoor Outdoor Temperature, Self-Emptying Rain Collector with Accurate Thermometer, Weather Station with Large Display, Rain Alerts User Manual

Geevon GN-228708-US-T2

Geevon Wireless Digital Rain Gauge User Manual

Model: GN-228708-US-T2

1. INTRODUCTION

Thank you for choosing the Geevon Wireless Digital Rain Gauge. This device provides accurate measurements of rainfall, indoor/outdoor temperature, and indoor humidity, along with time and date functions. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new weather station to ensure optimal performance.

2. PRODUCT OVERVIEW

2.1. Package Contents

Ensure all components are present before proceeding with installation:

- Outdoor Rain Collector (1)
- Outdoor Thermometer Sensor (1)
- Indoor Display Unit (Main Unit) (1)
- Rain Gauge Base (1)
- Screwdriver (1)
- Mounting Screws (3)

2.2. Key Features

- Self-Emptying Rain Collector for maintenance-free operation.
- High Accuracy: Rain gauge error range within 0.1mm/0.01 inch.
- Long Transmission Range: Rain gauge up to 150 feet (50 meters), thermometer up to 200 feet (60 meters).
- Multiple Rainfall Totals: Displays rainfall for NOW, HOUR, DAY, WEEK, MONTH, YEAR, and TOTAL.
- Indoor/Outdoor Temperature and Indoor Humidity display.
- Dual Alarm Clock with snooze function.
- Calendar display.
- Blue Backlight for easy nighttime viewing (5-second duration).



Image: The Geevon Wireless Digital Rain Gauge system, showing the indoor display unit, the outdoor temperature sensor, and the self-emptying rain collector.



Rainfall Display



Self-Emptying
Rain Collector



Rainfall Alert



In/mm Selector



°C/°F Selector



Time



Date



Dual Alarm Clock



Indoor/Outdoor
Temperature



Indoor
Humidity

Image: Visual representation of the key features, including rainfall display, self-emptying collector, alerts, unit selection, time, date, alarm, temperature, and humidity.

3. SETUP INSTRUCTIONS

3.1. Battery Installation

The system requires 7 product-specific batteries (not included).

1. **Indoor Display Unit:** Open the battery compartment on the back of the main unit. Insert the required batteries, ensuring correct polarity.
2. **Outdoor Sensor:** Open the battery compartment on the outdoor sensor. Insert the required batteries, ensuring correct polarity.
3. **Rain Collector:** Loosen the screw on the waterproof panel at the bottom of the rain collector. Gently pull out the waterproof panel to reveal the battery compartment. Insert 2 x AA batteries, ensuring correct polarity. Securely fasten the waterproof panel and screw.

How to connect with sensor?

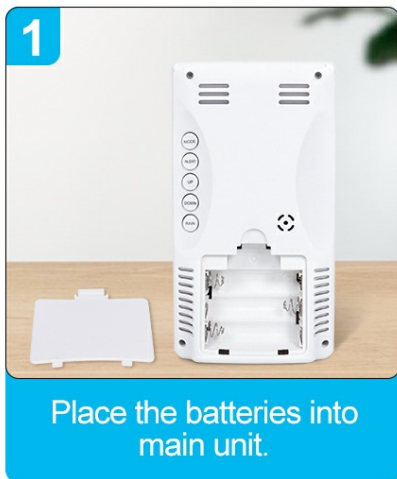


Image: Step-by-step guide for battery installation in the main unit and wireless sensor, and the initial pairing process.

3.2. Initial Pairing

After installing batteries in both the indoor display unit and the outdoor sensor, place them together for approximately 2-3 minutes without moving them. This allows the units to establish a stable wireless connection and synchronize data.

Video: An official product video demonstrating the setup process, including battery installation for the display unit and outdoor sensor, and the initial pairing. This video also shows the installation of the rain collector.

3.3. Rain Gauge Installation

For accurate rainfall measurement, the rain collector should be installed in an open area, away from obstructions like trees or buildings that could block rain. Ensure it is mounted on a sturdy, level surface.

1. Locate the three holes on the rain gauge base.
2. Fasten the rain gauge base to a sturdy surface (e.g., a deck railing or fence post) using the provided screws and screwdriver.
3. Securely re-attach the rain collector to the fastened base by rotating it counter-clockwise until it locks into place.

How to fix the rain gauge on the board?



Image: Visual instructions for securely mounting the rain gauge collector to a stable surface using the provided base and screws.

Drain Hole



Self-Emptying Rain Collector
for Maintenance-Free

4.3"/11cm



Expanded Rain Collector

Secure it to avoid
falling down



Image: Details on the self-emptying mechanism and how to secure the rain collector to prevent it from falling.

4. OPERATING INSTRUCTIONS

4.1. Display Overview

The large LCD display shows various readings:

- **Time and Date:** Located at the top of the display.
- **Indoor Temperature and Humidity:** Displayed prominently.
- **Outdoor Temperature:** Shown below indoor readings.
- **Rainfall Data:** Located at the bottom, showing current and historical rainfall.

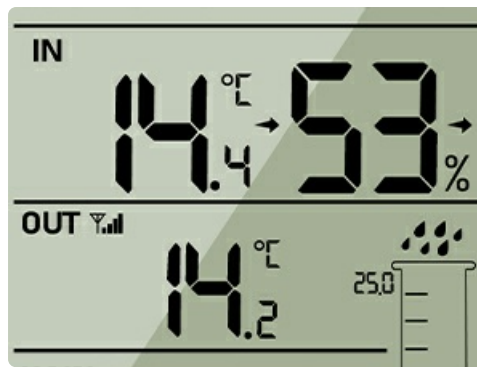


Image: A close-up view of the display unit, highlighting the indoor and outdoor temperature and humidity readings.

4.2. Rainfall Data Display

The rain gauge provides 7 different rainfall totals:

- **NOW:** Current rainfall.
- **HOURLY:** Hourly rainfall.
- **DAY:** Daily rainfall.
- **WEEK:** Weekly rainfall.
- **MONTH:** Monthly rainfall.
- **YEAR:** Yearly rainfall.
- **TOTAL:** Cumulative total rainfall.

You can switch between inches (In) and millimeters (mm) for rainfall measurements.

Provides 7 Different Rainfall Totals

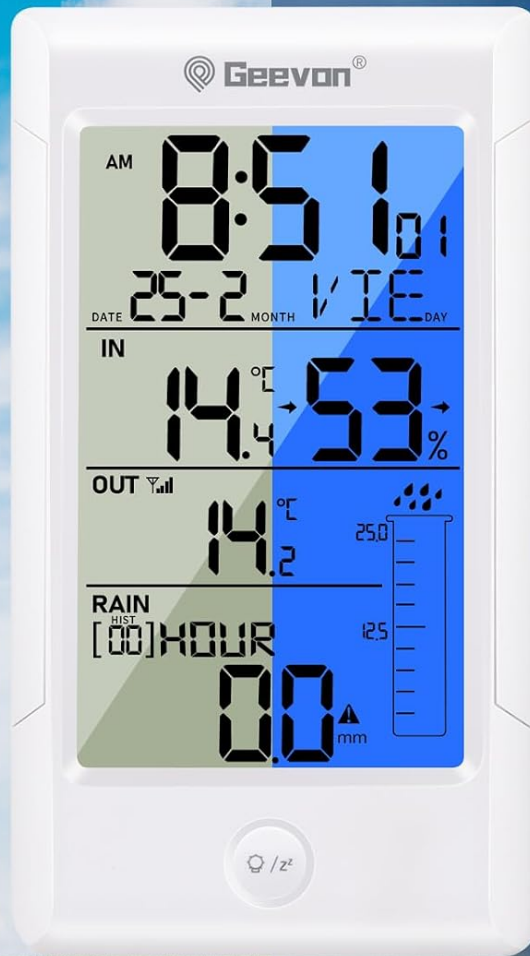


Image: The display unit illustrating the various rainfall total options available, from current to total accumulated rainfall.

4.3. Backlight Function

To view the display in low-light conditions, press the 'Light' button (often labeled 'SNOOZE/LIGHT') located below the screen. The soft blue backlight will illuminate for 5 seconds, providing sufficient visibility in the dark.

Soft Blue Backlight



Press “SNOZZE/LIGHT” button to light up the blue backlight for 5 seconds

Image: The display unit with its soft blue backlight activated, demonstrating its readability in dark environments.

4.4. Rain Alerts

The device features programmable rain alerts to warn you when specific rainfall conditions may be present, helping you manage your outdoor activities or irrigation systems.

Programmable Rain Alert To Warn When Flood Conditions May Be Present



Image: The display unit showing the programmable rain alert feature, indicating an audible warning for specific rainfall conditions.

5. MAINTENANCE

5.1. Rain Collector

The Geevon rain collector is designed to be self-emptying, minimizing the need for daily maintenance. However, periodic checks are recommended to ensure no debris (leaves, twigs, etc.) has accumulated in the funnel, which could obstruct accurate measurement. Clean gently with a soft cloth if necessary.

5.2. Battery Replacement

When the battery indicator appears on the display, replace the batteries in the respective unit (indoor display, outdoor sensor, or rain collector) following the instructions in Section 3.1. Use fresh batteries of the specified type to ensure continuous and accurate operation.

5.3. Cleaning

Wipe the indoor display unit and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the plastic components or the display.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on indoor unit / Outdoor sensor not connecting	Low or dead batteries; Incorrect battery installation; Out of range; Interference.	Replace all batteries with fresh ones, ensuring correct polarity. Ensure indoor unit and outdoor sensor are within specified transmission range (150-200 feet). Reduce potential interference from other electronic devices. Re-pair units by placing them close together for a few minutes.
Inaccurate rainfall readings (e.g., 0 mm despite rain)	Rain collector obstructed; Sensor malfunction; Incorrect installation.	Check the rain collector for debris (leaves, dirt) and clear any obstructions. Ensure the rain collector is installed on a level surface in an open area. Verify batteries in the rain collector are fresh and correctly installed.
Display difficult to read at night	Backlight not activated.	Press the 'Light' or 'SNOOZE/LIGHT' button to activate the backlight.
Temperature/Humidity readings seem incorrect	Sensor placement; Environmental factors.	Ensure the outdoor sensor is not in direct sunlight or near heat sources. Allow time for readings to stabilize after initial setup or relocation.

7. SPECIFICATIONS

Feature	Detail
Brand	Geevon
Model Number	GN-228708-US-T2
Power Source	Battery Powered (7 Product Specific batteries required)
Connectivity Technology	433 MHz
Rain Gauge Range	150-foot (50 meter)
Thermometer Range	200-foot (60 meter)
Temperature Accuracy	1.5 °C
Indoor Temperature Range	-9.9 °C ~ 50 °C (14.2 °F ~ 122 °F)
Outdoor Temperature Range	-40 °C ~ 60 °C (-40 °F ~ 140 °F)

Feature	Detail
Indoor Humidity Range	20%-95%
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	4.92"D x 6.49"W x 7.48"H
Item Weight	1.45 Pounds

8. WARRANTY AND SUPPORT

Geevon is committed to providing high-quality products and customer satisfaction. If your weather station does not meet your expectations or if you encounter any issues with the product, please contact us immediately. We offer a 30-day return and refund policy.

We also provide lifetime consulting services and are available 24/7 online to assist you with any problems or questions regarding your Geevon product.

For support, please refer to the contact information provided with your purchase or visit the official Geevon website.

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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

