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> [Geevon Digital Atomic Wall Clock \(Model GN-228614C-T3-US\) Instruction Manual](#)

Geevon GN-228614C-T3-US

Geevon Digital Atomic Wall Clock (Model GN-228614C-T3-US) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Geevon Digital Atomic Wall Clock with Moon Phase and Backlight (Model GN-228614C-T3-US). Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. WHAT'S INCLUDED

Upon unpacking, verify that all components are present:

- One atomic clock
- One outdoor sensor
- One AC/DC power adapter
- One user manual

Note: 3 AAA batteries for the main unit and 2 AAA batteries for the outdoor sensor are required but not included.

3. SETUP

3.1. Powering the Main Unit

The main unit can be powered by either the included AC/DC power adapter or 3 AAA batteries (not included).

1. **Using AC Power:** Connect the AC/DC power adapter to the clock's power input port and plug it into a standard electrical outlet.
2. **Using Batteries:** Open the battery compartment on the back of the clock and insert 3 new AAA batteries, observing the correct polarity (+/-).

3-Level Brightness & Permanent Backlight



Image: Back of the main clock unit with the battery compartment open, showing where to insert 3 AAA batteries. Control buttons are visible above the compartment.



Image: Close-up of the back of the clock showing the battery compartment and inserted batteries. A "Low Battery Indicator" graphic is also present.

3.2. Installing the Outdoor Sensor

The wireless outdoor sensor requires 2 AAA batteries (not included).

1. Open the battery compartment on the back of the outdoor sensor.
2. Insert 2 new AAA batteries, observing the correct polarity (+/-).
3. Close the battery compartment.
4. Place the sensor in a covered outdoor location, such as under a patio or porch, to protect it from direct sunlight and rain. Ensure it is within 200 feet (60 meters) of the main unit.

Gradually Ascending "Beeping" Sound, Great Choice for Heavy Sleeper



Image: The main clock unit on a table indoors and the outdoor sensor mounted on an exterior wall, illustrating the wireless connection.

Your browser does not support the video tag.

Video: This video demonstrates how to install batteries in both the main clock unit and the outdoor sensor, and how the outdoor sensor transmits temperature data to the main unit. It also shows the clock's display and various features in action.

3.3. Initial Synchronization and Time Zone Setting

The clock automatically attempts to synchronize with the WWVB atomic clock signal from Fort Collins, Colorado. This process can take 2-5 days for initial synchronization, especially if the signal is weak. During signal reception, the backlight will temporarily turn off for 1-2 minutes to avoid interference.

To manually set the time zone and other settings:

1. Press and hold the "MODE" button for 3 seconds. The hour display will start to flash. Use the "UP" or "DOWN" buttons to set the correct hour.
2. Press "MODE" to confirm and move to the minute setting. Use "UP" or "DOWN" to set the correct minute.
3. Continue pressing "MODE" to cycle through year, month, and date settings, adjusting each with "UP" or "DOWN".
4. After setting the date, the Daylight Saving Time (DST) display will flash. Use "UP" or "DOWN" to turn DST on or off as applicable.
5. Next, the Time Zone display will flash. Use "UP" or "DOWN" to select your time zone (EST, AST, HST, AKST, PST, MST, CST).
6. Finally, the temperature unit (°C/°F) will flash. Use "UP" or "DOWN" to select your preferred unit.
7. Press "MODE" again to confirm all settings and end the setting procedures, entering the normal mode.



Image: The clock display showing time, date, and temperature, with graphics illustrating "Spring Forward" (+1h) and "Fall Back" (-1h) for Daylight Saving Time.

2 Placement Methods



Image: Close-up of the back of the clock, highlighting the control buttons (LIGHT, MEM, 12/24, ALARM, SNZ, CH, DOWN UP/RCC, MODE) and a map of US time zones (PST, MST, CST, EST, AKST, HST, AST).

Your browser does not support the video tag.

Video: This video demonstrates how to install batteries in both the main clock unit and the outdoor sensor, and how the outdoor sensor transmits temperature data to the main unit. It also shows the clock's display and various features in action.

4. OPERATING INSTRUCTIONS

4.1. Display Overview

The 8.8-inch LCD TN HD display shows the following information:

- Time (12/24H format)
- Date and Day of the Week
- Moon Phases
- Indoor Temperature (°C/°F)

- Outdoor Temperature (°C/°F)
- Daily Minimum and Maximum Temperature Data
- Temperature Trends (rising/falling)

All In One 8.8" Large LCD Display Alarm Clock

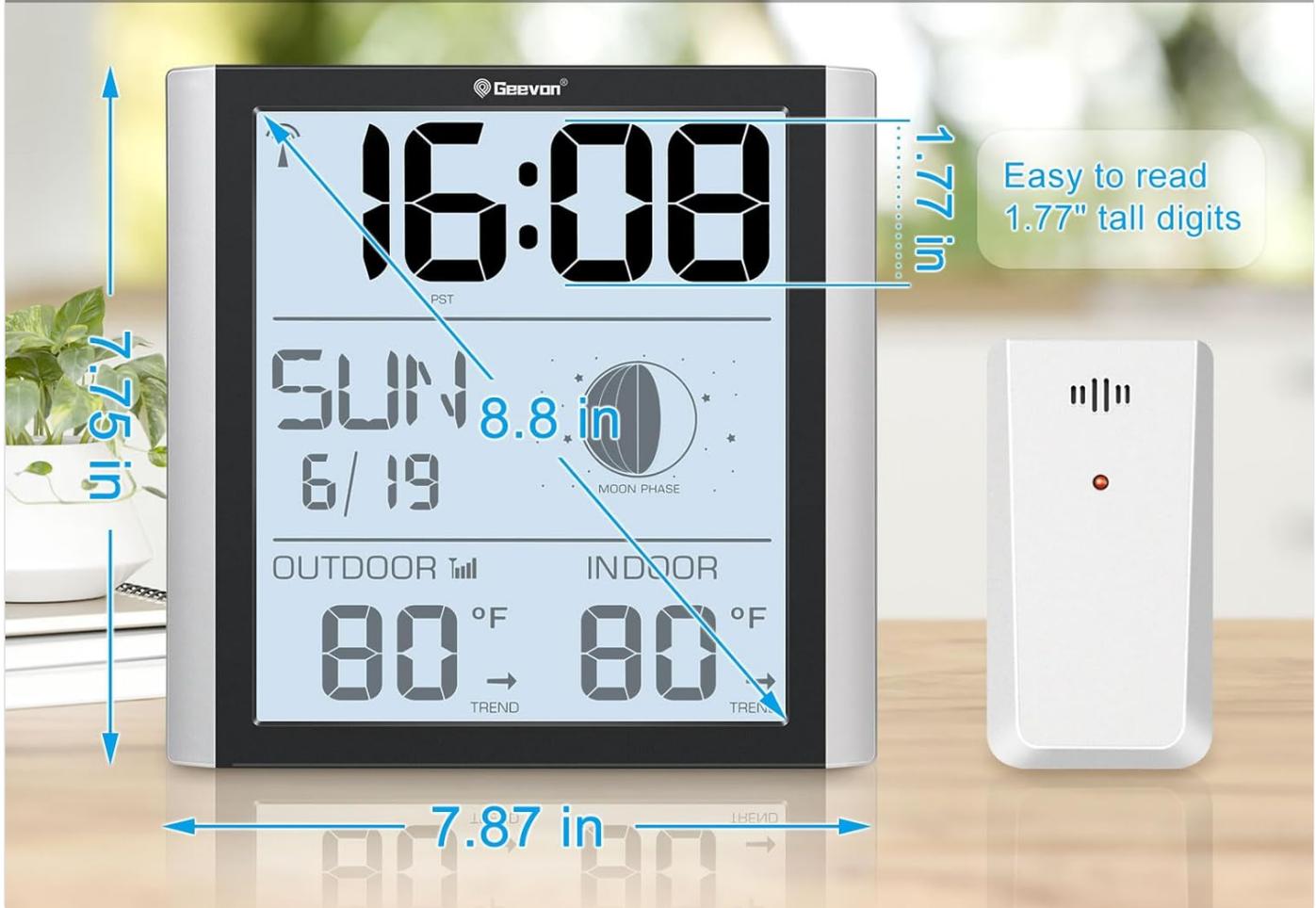


Image: The clock's large LCD display showing all its features, including time, day, date, moon phase, indoor and outdoor temperatures, and temperature trends. Dimensions of the clock are also indicated.

4.2. Backlight Control

The clock features 3 brightness levels: Off, Dim, and Bright. The backlight behavior depends on the power source:

- **AC Power:** The backlight can remain on continuously at your chosen brightness level.
- **Battery Power:** To conserve battery life, the backlight will illuminate for 10 seconds when the top button is tapped, then turn off.



Image: The clock display shown with three different backlight settings: High, Low, and Off, demonstrating the adjustable brightness feature.

Your browser does not support the video tag.

Video: This video demonstrates the three backlight brightness levels (Off, Dim, Bright) of the Geevon Atomic Wall Clock and how to adjust them by touching the top button. It also shows the clock in various room settings.

4.3. Alarm and Snooze Function

The clock includes an alarm with a snooze feature:

- **Setting Alarm:** Press the "ALARM" button on the back of the clock to enter alarm setting mode. Use "UP" or "DOWN" to set the desired alarm time. Press "ALARM" again to confirm.
- **Activating Alarm:** Once set, the alarm will sound with a gradually increasing "beep" sound.
- **Snooze:** Press the "SNZ" button (top button) during the alarm to activate the 5-minute snooze function.
- **Stopping Alarm:** To stop the alarm completely, press any other button besides "SNZ". If no action is taken, the alarm will automatically stop after 2 minutes.

Wireless Outdoor Sensor Range 200FT/60M in Open Area



Image: The clock display with icons for "Ascending Beep" and "5-minute Snooze", illustrating the alarm features. A person is shown waking up in bed.

4.4. Temperature Unit Switching

To switch between Celsius (°C) and Fahrenheit (°F) for temperature display, press the "UP/RCC" button on the back of the clock during normal operation.

4.5. Max/Min Temperature Records

The clock records the daily minimum and maximum indoor and outdoor temperatures. Press the "MEM" button on the back of the clock to view these records. Press it again to cycle through current, maximum, and minimum readings.

5. PLACEMENT OPTIONS

The Geevon Digital Atomic Wall Clock offers versatile placement options:

- **Tabletop Use:** Utilize the integrated tripod stand on the back for stable placement on a desk, nightstand, or shelf.

- **Wall Mounting:** Use the two hanging holes on the back to mount the clock securely on a wall.

Gradually Ascending "Beeping" Sound, Great Choice for Heavy Sleeper



Image: The clock is shown with its foldable stand for tabletop use and also with hanging holes for wall mounting, illustrating its two placement methods.

For optimal performance, place both the main unit and the outdoor sensor at least 3 feet (1 meter) away from electronic devices such as TVs, computers, microwaves, or radios, as these can cause electromagnetic interference.

6. MAINTENANCE

- **Cleaning:** Wipe the clock and sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at the same time with new ones.
- **Storage:** If storing the unit for an extended period, remove all batteries to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit.	No power or dead batteries.	Ensure AC adapter is properly connected or replace batteries.
Outdoor temperature not displayed or inaccurate.	Outdoor sensor batteries dead, out of range, or interference.	Replace sensor batteries. Move sensor closer to the main unit. Ensure no large metal objects or electronics are between units.
Atomic time not synchronizing.	Weak WWVB signal, interference, or incorrect time zone.	Ensure correct time zone is set. Move clock to a location with better signal reception (e.g., near a window, away from electronics). Allow 2-5 days for initial synchronization. Signal reception is usually better at night.
Backlight not staying on (when using AC power).	Power adapter not connected or faulty.	Ensure AC adapter is securely plugged in. If problem persists, contact support.

8. SPECIFICATIONS

- **Model Number:** GN-228614C-T3-US
- **Brand:** Geevon
- **Display Type:** Digital LCD TN HD
- **Display Size:** 8.8 inches
- **Power Source (Main Unit):** AC/DC Power Adapter (included) or 3 x AAA Batteries (not included)
- **Power Source (Outdoor Sensor):** 2 x AAA Batteries (not included)
- **Connectivity:** Wireless (for outdoor sensor)
- **Outdoor Sensor Range:** Up to 200 ft (60 m) in open area
- **Temperature Accuracy:** ± 1 °C
- **Special Features:** Atomic Clock (WWVB), Moon Phase, Backlight (3 levels), Alarm with Snooze, Indoor/Outdoor Temperature, Max/Min Temperature Records, Temperature Trend Indicator, 12/24H Time Format, Calendar (Day, Month, Date, Day of Week), Daylight Saving Time (DST) On/Off.
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Product Dimensions:** 2.1"D x 7.87"W x 7.75"H
- **Item Weight:** 1.4 Pounds

9. WARRANTY AND SUPPORT

Geevon is committed to providing high-quality products and excellent customer service. If you encounter any issues or have questions regarding your Geevon Digital Atomic Wall Clock, please contact our customer support team. We offer lifetime consulting services and are available 24/7 online.

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



