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Geevon 228614C US

Geevon Atomic Wall Clock User Manual

Model: 228614C US | Brand: Geevon

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Geevon Atomic Wall Clock (Model 228614C US). This digital clock features an auto-setting atomic time function, indoor and outdoor temperature display, calendar, moon phase, and an alarm with snooze. It is designed for easy readability with large digits and offers versatile placement options.
Key features include:

- Atomic time synchronization (WWVB updates)
- Indoor and outdoor temperature display (°C/°F optional)
- 8.8-inch LCD TN high-definition display with 10-second backlight
- Calendar (weekday, day, month, time) and moon phase display
- Alarm clock with gradually ascending "beeping" sound and 5-minute snooze
- Records daily MIN & MAX temperature data and displays tendency
- Two placement methods: wall-mountable or desk stand



Image: The Geevon Atomic Wall Clock demonstrating its two versatile placement options: a modern desktop setup using its built-in kickstand, and a wall-mounted setup using the integrated hanging hole.

Setup Guide

Follow these steps to set up your Geevon Atomic Wall Clock and outdoor sensor.

1. Battery Installation

The main display unit requires 3 AAA batteries, and the wireless outdoor sensor requires 2 AAA batteries (batteries are not included). Ensure correct polarity when inserting batteries.



Image: The Geevon Atomic Wall Clock display unit and its accompanying wireless outdoor temperature sensor.

2. Initial Synchronization

After installing batteries in both units, place them together for a few minutes. The outdoor sensor will transmit data to the

main unit, indicated by a red light flash on the sensor. This allows for accurate temperature and humidity data synchronization.



Image: A person installing batteries into the back of the main clock unit and the outdoor sensor, demonstrating the initial setup process.

3. Sensor Placement Guidelines

For optimal performance and accurate readings, consider the following placement guidelines for the outdoor sensor:

- Ensure the sensor is placed under a shelter to avoid direct sunlight and rain, which can affect temperature readings and unit longevity.
- Keep the sensor away from any heat sources or vents.
- Place the sensor at a height of 6.5-8 ft (2-2.5m) above the ground.
- Place both the main unit and the outdoor sensor horizontally.
- Maintain a distance of at least 3 ft (1m) between the clock and other electronic devices (such as TVs, computers, microwaves, or radios) to prevent interference.



Image: A visual guide illustrating recommended and non-recommended placements for the outdoor sensor, emphasizing shelter from elements and distance from heat sources.

Setup Video Guide

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Video: An official product video demonstrating the setup process, including battery installation and initial synchronization of the Geevon Atomic Wall Clock and its outdoor sensor.

Operation

Atomic Time Synchronization

The clock automatically receives daily WWVB updates to ensure accuracy within one second. After initial setup, select your time zone using the setting buttons on the clock. Enable Daylight Saving Time (DST) if applicable for your region. The clock will automatically adjust for DST changes.



Image: The Geevon Atomic Wall Clock with its soft white backlight activated, showing the time, date, moon phase, and indoor/outdoor temperatures, highlighting its readability in low light.

Display and Backlight

The 8.8-inch LCD TN display simultaneously shows time (12/24H format), date, weekday, moon phase, and indoor/outdoor temperatures. To activate the soft white backlight for 10 seconds, press the "SNOOZE/LIGHT" button located on the back of the unit. This provides temporary illumination for viewing in the dark.



Image: A person waking up, with an inset showing the Geevon Atomic Wall Clock and icons for ascending beep and 5-minute snooze, illustrating its alarm functionality.

Alarm and Snooze Function

The clock functions as an alarm clock. When the alarm sounds, it will emit a gradually ascending "beeping" sound. To get an additional 5-minute nap, press the "SNOOZE" button. The alarm will sound for 2 minutes and will stop automatically if no action is taken during this period.

Temperature Display and Trends

The clock displays both indoor and outdoor temperatures, with the option to switch between Celsius (°C) and Fahrenheit (°F). It also records and displays the daily minimum (MIN) and maximum (MAX) temperature data, along with temperature tendency arrows.

Maintenance

Proper maintenance ensures the longevity and accuracy of your Geevon Atomic Wall Clock.

Battery Replacement

When the low battery indicator appears on the display, replace the batteries in both the main unit and the outdoor sensor promptly. Use fresh AAA batteries for both units. Refer to the "Setup Guide" for battery installation instructions.



Image: The back of the Geevon Atomic Wall Clock, highlighting the battery compartment and indicating the use of AAA batteries, along with a low battery indicator icon.

Cleaning

Wipe the clock and sensor surfaces with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the display or casing. Avoid exposing the units to excessive moisture.

Troubleshooting

If you encounter issues with your Geevon Atomic Wall Clock, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Incorrect Time Display / Time Not Synchronizing	Weak WWVB signal. Incorrect time zone setting. Interference from other electronics.	Ensure the clock is placed in an area with good reception, away from large metal objects or electronic devices. Verify the correct time zone is selected. Perform a manual reset by removing and reinserting batteries, then allow time for re-synchronization.
Outdoor Temperature is Inaccurate or Not Displaying	Outdoor sensor out of range. Sensor exposed to direct sunlight or heat sources. Low batteries in the outdoor sensor. Interference.	Ensure the sensor is within the 200ft (60m) range of the main unit. Relocate the sensor to a shaded area, away from direct sunlight, heat vents, or reflective surfaces. Replace batteries in the outdoor sensor. Ensure both units are at least 3 ft (1m) away from other electronics.
Backlight is Momentary and Does Not Stay On	This is a design feature.	The backlight is designed to illuminate for 10 seconds when the "SNOOZE/LIGHT" button is pressed. It is not intended to remain continuously lit.
Alarm Does Not Sound or Stops Too Quickly	Alarm not activated. Alarm duration expired.	Ensure the alarm function is enabled. The alarm sounds for 2 minutes and then automatically stops if not snoozed or turned off.

Product Specifications

Feature	Detail
Product Dimensions	7.87 x 0.7 x 7.75 inches (1.81 Pounds)
Item Model Number	228614C US
Batteries Required	5 AAA batteries (3 for display, 2 for sensor)
Manufacturer	Geevon
Display Type	LCD
Special Features	Atomic Alarm Clock, Calendar, Indoor Outdoor Temperature, Moon Phase
Power Source	Battery Powered
Outdoor Sensor Range	Up to 200 ft (60m) in open area

Warranty and Support

Geevon is committed to providing high-quality products and excellent customer service. For any issues or questions regarding your Geevon Atomic Wall Clock, please contact Geevon Electronics directly.
Geevon offers lifetime consulting services for their products. If you encounter any problems or have questions during the use of your Geevon product, please reach out to their customer support team.
For additional information, you may refer to the officialUser Manual (PDF).

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