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Geevon GN-228614-T2

Geevon Atomic Wall Clock User Manual

Model: GN-228614-T2 | Brand: Geevon

Introduction

This manual provides comprehensive instructions for the Geevon Atomic Wall Clock with Backlight. This advanced digital clock features auto-set capabilities, indoor and outdoor temperature monitoring, calendar display, and moon phase tracking. Designed for ease of use and accuracy, it is suitable for various environments including home and office settings.

What's in the Box

- Main Unit (Atomic Wall Clock)
- Wireless Outdoor Sensor
- Power Cord

Image: The main unit of the Geevon Atomic Wall Clock, its wireless outdoor sensor, and the included power adapter.

Setup Guide

Initial Power-Up and Battery Installation

To power the clock, plug in the provided power cord. For backup power, install 3 AAA batteries (not included) into the main unit and 2 AAA batteries (not included) into the wireless outdoor sensor. This ensures continuous operation during power outages.

Image: The 8.8-inch LCD display of the clock, highlighting its large digits and overall dimensions.

Atomic Time Synchronization

The clock automatically synchronizes with the WWVB radio broadcast from Fort Collins, Colorado, ensuring accurate time to within one second. Signal reception is typically better at night and during clear weather conditions. Initial synchronization may take 2 to 5 days. It is recommended to manually set the time and date after powering on the display for immediate use while waiting for the atomic signal.

During signal reception, the clock's backlight may temporarily turn off, and buttons will be unresponsive for 1-2 minutes to prevent interference. Once the signal is successfully received, the clock will automatically synchronize, and normal operation will resume.

Image: Visual representation of the atomic clock's self-setting time accuracy, synchronizing with the WWVB radio broadcast.

Outdoor Sensor Placement

For optimal performance and accurate outdoor temperature readings, place the wireless outdoor sensor in a suitable location. The sensor has a range of up to 200 feet (60 meters) in an open area.

- Place at 1.2 to 2.4 meters (approximately 4 to 8 feet) above the ground with permanent shade.
- Keep at least 1.5 to 2 meters (approximately 5 to 6.5 feet) away from electronic devices such as TVs, computers, microwaves, and radios to avoid interference.
- Avoid placing units near heat sources or vents.
- Place the outdoor sensor vertically.

Image: Guidelines for proper placement of the wireless outdoor sensor to ensure accurate data.

[redacted]

Video: An overview of the Geevon Atomic Wall Clock with Backlight, demonstrating its features and setup process, including time synchronization and brightness adjustment.

Operating Instructions

Display Features

The 8.8-inch LCD TN high-definition slim display simultaneously shows the date, time (12/24H format), day of the week, moon phase, and indoor/outdoor temperature (switchable between °C/°F). It also records daily minimum and maximum temperature data and displays temperature trends. The large digits ensure easy viewing.

Image: Demonstration of the clock's 3-level brightness settings. Permanent backlight is available when plugged into mains power.

Adjusting Backlight Brightness

To adjust the clock's brightness (Off - Dim - Bright), touch the top button on the clock. If you desire the backlight to remain on continuously, ensure the power cord is plugged in.

Temperature Monitoring

The wireless outdoor sensor transmits outdoor temperature readings to the main display. This allows you to monitor outdoor conditions from inside your home, patio, backyard, garden, or courtyard.

Image: The wireless outdoor sensor in an outdoor setting, illustrating its 200ft/60m range.

Image: The clock's ability to measure and display indoor and outdoor temperatures simultaneously.

Alarm and Snooze Function

The clock functions as an alarm clock with a gradually ascending "beeping" sound. To activate the snooze function for an additional 5-minute nap, press the "SNOOZE" button when the alarm sounds. The alarm will sound for 2 minutes; if no action is taken, it will stop automatically.

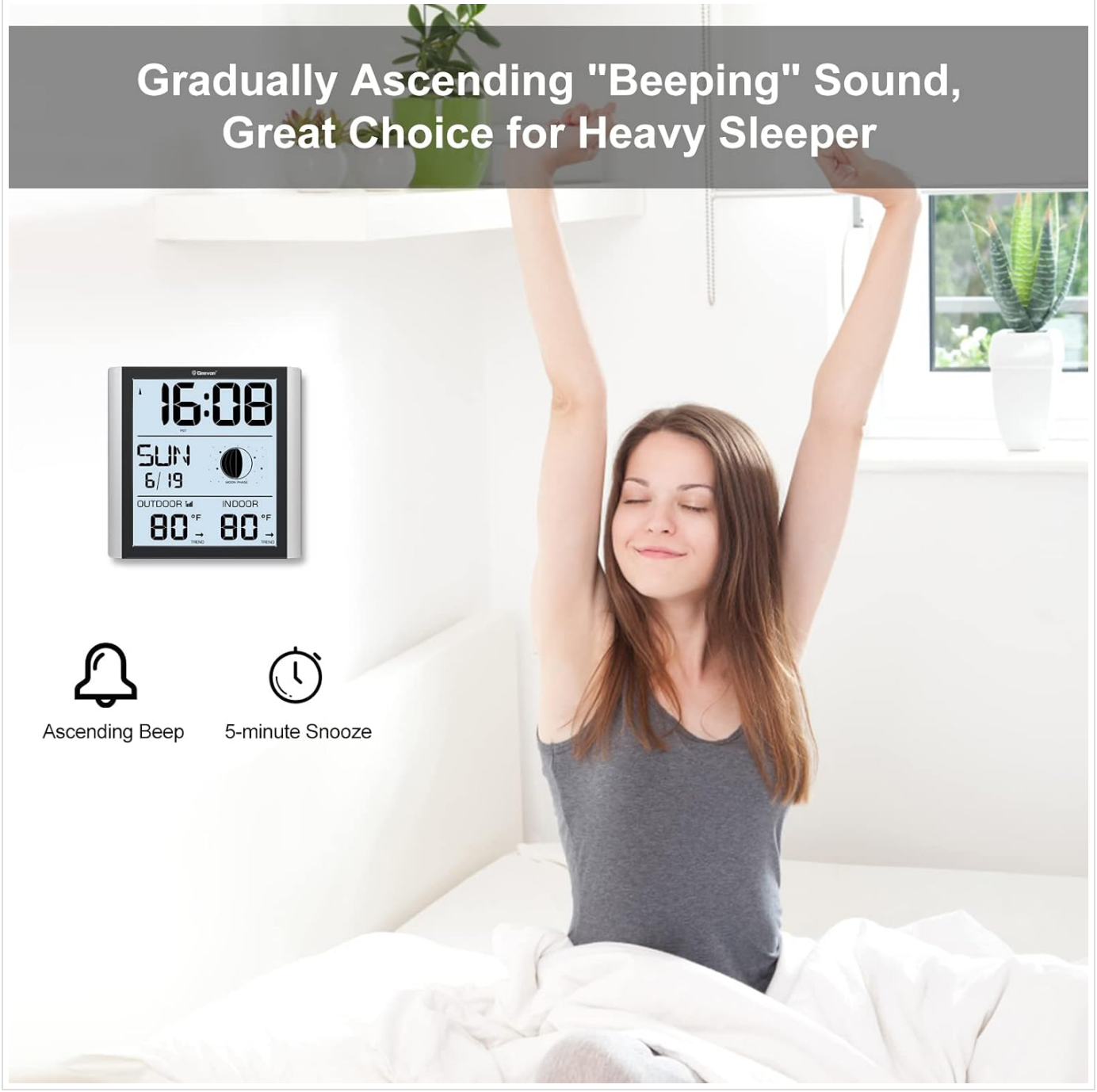

Image: The clock's alarm feature with a gradually ascending "beeping" sound, suitable for heavy sleepers.

Placement Methods

The clock offers versatile placement options with 2 hanging holes for wall mounting and a kickstand for desktop placement. Its modern design with a silver bezel complements various room aesthetics.

Image: The two primary placement methods for the clock: modern desktop use with its kickstand, and wall mounting using the integrated hanging hole.

Maintenance

To ensure the longevity and optimal performance of your Geevon Atomic Wall Clock, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the clock and sensor with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or casing.
- **Battery Replacement:** Replace batteries in both the main unit and the outdoor sensor when the low battery indicator appears on the display. Always use fresh batteries of the specified type (AAA).
- **Environmental Conditions:** Avoid exposing the clock to extreme temperatures, direct sunlight for prolonged periods, or high humidity, which can affect accuracy and lifespan.
- **Storage:** If storing the clock for an extended period, remove all batteries to prevent leakage and corrosion.

Troubleshooting

Problem	Possible Cause	Solution
Clock not synchronizing with atomic time.	Weak WWVB signal due to location, weather, or interference.	Ensure the clock is placed away from electronic devices that may cause interference. Try relocating the clock to a different area, preferably near a window, especially at night. Allow 2-5 days for initial synchronization. Manually set the time and date if immediate accuracy is needed.
Outdoor temperature not displayed or inaccurate.	Outdoor sensor out of range, low battery, or interference.	Ensure the outdoor sensor is within 200 feet (60 meters) of the main unit. Replace batteries in the outdoor sensor. Verify the sensor is placed according to the guidelines in the Setup Guide (shaded, away from electronics/heat sources). Re-sync the sensor with the main unit if necessary (refer to specific instructions in the full manual if available).
Buttons are unresponsive.	Clock is currently receiving atomic signal, or a temporary software glitch.	Wait 1-2 minutes for the atomic signal reception process to complete. If the issue persists, unplug the power cord and remove batteries for a few minutes, then re-power the unit.
Display is dim or not lit.	Backlight setting is off/dim, or power cord is not connected.	Touch the top button to cycle through brightness levels (Off - Dim - Bright). Ensure the power cord is securely plugged in for continuous backlight. Check battery levels if operating on battery power.

Specifications

Feature	Detail
Product Dimensions	1.7 x 7.87 x 7.75 inches; 1.57 Pounds
Item Model Number	GN-228614-T2

Feature	Detail
Batteries Required	3 AAA batteries (main unit), 2 AAA batteries (outdoor sensor)
Display Type	8.8" LCD TN High Definition Slim Display
Time Format	12/24H selectable
Temperature Units	°C/°F selectable
Wireless Sensor Range	Up to 200FT/60M (open area)
Power Source	Power Cord / Battery Operated
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity Technology	433 MHz or 868 MHz
Special Features	Atomic Clock, Adjustable Backlight, Ascending Alarm, Indoor & Outdoor Temperature, Moon Phase, Calendar, DST, Wall/Desk Mountable

Warranty and Support

Geevon is committed to providing top-quality products and customer satisfaction. We offer lifetime consulting services for all Geevon products.
If you encounter any problems or have questions regarding the use of your Geevon Atomic Wall Clock, please do not hesitate to contact our customer service. Our support team is available 24/7 to assist you.
For assistance, please visit the official Geevon store on Amazon or refer to the contact information provided with your product packaging.
Your affirmation is the greatest driving force for us. We always take customer experience as a top concern and we will also be responsible for all of our products.

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