Geevon GN-23145T-US

Geevon Atomic Alarm Clock User Manual

Model: GN-23145T-US | Brand: Geevon

Product Overview

The Geevon Atomic Alarm Clock is a versatile digital desk clock designed for convenience and accuracy. It features a large, colorful LCD display that provides essential information at a glance, including time, date, day of the week, indoor temperature, indoor humidity, and moon phases. With its atomic time synchronization (WWVB) and adjustable brightness, this clock is ideal for bedrooms, offices, and living spaces, ensuring you always have the correct time and environmental data.

What's Included

- Geevon Atomic Alarm Clock Unit
- AC Power Adapter
- User Manual (this document)

Product Components and Controls



Figure 1: Front view of the Geevon Atomic Alarm Clock. The large color display shows the current time, day of the week, date, indoor temperature, indoor humidity, and moon phase. The display features vivid digits and adjustable backlight.



Figure 2: Side view of the Geevon Atomic Alarm Clock showing control buttons. These buttons are used for various settings and functions.

Control Buttons Overview

Button	Function
LIGHT/SNOOZE	Press to adjust backlight brightness (3 levels). Press during alarm to activate snooze (5 minutes).
UP (▲)	Increases values during setting. Turns alarm ON/OFF when pressed with ALARM button.
DOWN (▼)	Decreases values during setting. Switches temperature unit between °F and °C.
SET	Press and hold to enter time/date setting mode. Press to confirm settings.
ALARM	Press to view alarm time. Press and hold to enter alarm setting mode.
ATOMIC	Press and hold to manually initiate WWVB signal reception.

Initial Setup

Powering the Clock

The Geevon Atomic Alarm Clock can be powered by the included AC adapter or by batteries for backup.

- **AC Power:** Connect the AC power adapter to the clock and plug it into a standard electrical outlet. The display will light up.
- **Battery Backup:** For continuous operation during power interruptions and to retain settings, install 3 AAA batteries (not included) into the battery compartment on the back of the clock. A low-battery warning function will appear on the display when replacement is needed.



Figure 3: AC Power and Battery Backup. Ensure batteries are installed for uninterrupted operation and setting retention during power outages.

Automatic Time Synchronization (WWVB)

The clock is equipped with a WWVB function that automatically synchronizes the time with the atomic clock signal. This ensures precise timekeeping and automatic adjustment for Daylight Saving Time (DST).

- Upon initial power-up, the clock will attempt to receive the WWVB signal. This process may take several minutes or hours depending on your location and signal strength.
- Ensure the correct time zone is selected for proper atomic synchronization.

- To manually initiate signal reception, press and hold the **ATOMIC** button. The backlight will temporarily turn off during reception.

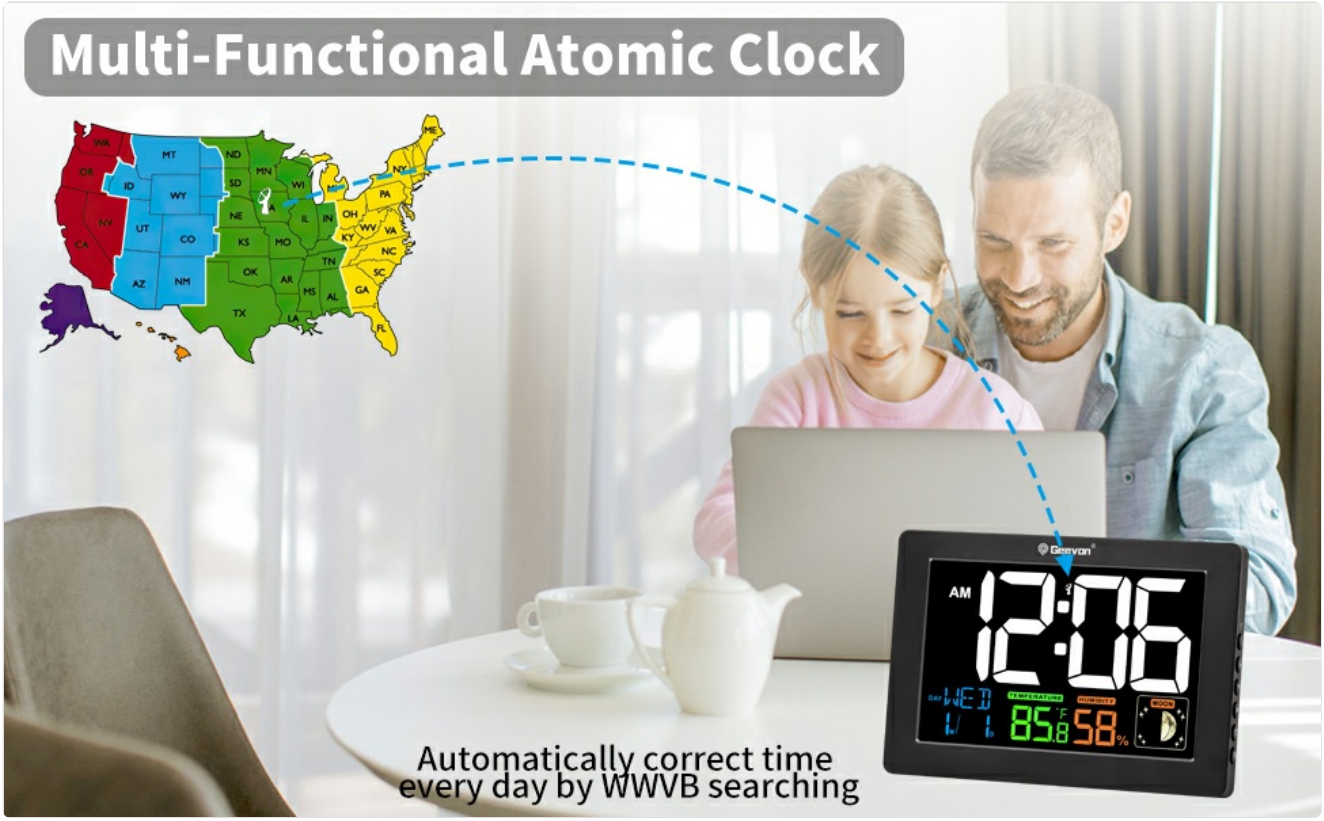


Figure 4: WWVB Radio Signal Coverage. The clock automatically corrects time daily by searching for the WWVB signal.

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Video 1: How to Set Geevon 22145 Atomic Alarm Clock. This video demonstrates the step-by-step process of setting up the Geevon Atomic Alarm Clock, including manual time and date adjustments, and understanding the atomic synchronization feature.

Manual Time and Date Setting

If atomic synchronization is not desired or available, you can manually set the time and date:

1. Press and hold the **SET** button for approximately 3 seconds until the display starts to flash.
2. Use the **UP** or **DOWN** buttons to adjust the flashing value (e.g., 12/24-hour format, time zone, hour, minute, year, month, day).
3. Press the **SET** button to confirm the current setting and move to the next adjustable item.
4. Repeat steps 2 and 3 until all desired settings are configured. The clock will exit setting mode automatically after a few seconds of inactivity or by pressing **SET** after the last item.

Operating the Clock

Setting the Alarm

1. Press and hold the **ALARM** button for approximately 3 seconds until the alarm time display starts to flash.
2. Use the **UP** or **DOWN** buttons to adjust the flashing hour. Press **ALARM** to confirm and move to minutes.
3. Use the **UP** or **DOWN** buttons to adjust the flashing minute. Press **ALARM** to confirm.
4. To activate the alarm, press the **ALARM** button once to display the set alarm time. While the alarm time is displayed, press the **UP** button. A bell icon will appear on the display, indicating the alarm is active.
5. To deactivate the alarm, repeat the previous step. The bell icon will disappear.



Figure 5: Alarm with Snooze. The clock features a 60-second alarm with a 5-minute snooze function. The alarm icon will appear on the display when activated.

Snooze Function

When the alarm sounds, press the **LIGHT/SNOOZE** button on the top of the clock to activate the snooze function. The alarm will pause for 5 minutes and then sound again. You can repeat the snooze function multiple times.

Adjusting Display Brightness

The clock's color display has 3 levels of adjustable backlight. Press the **LIGHT/SNOOZE** button on the top of the clock repeatedly to cycle through the brightness levels (Off, 50%, 100%). Note that the adjustable backlight function requires the AC power cord to be plugged in.



Figure 6: 3 Levels Adjustable Backlight. Adjust the display brightness for optimal viewing in any lighting condition.

Temperature and Humidity Display

The clock continuously displays the indoor temperature and humidity. The temperature can be displayed in Fahrenheit (°F) or Celsius (°C). To switch between units, press the **DOWN** button in normal display mode.

- Indoor Temperature Range: 14°F–122°F (-10°C–50°C)
- Indoor Humidity Range: 20%–95%



Figure 7: Temperature and Humidity Display. Monitor your indoor environment for comfort and health.

Moon Phase Display

The clock features a real-time moon phase display, allowing you to track the lunar cycle directly on the screen.

Placement Options

The Geevon Atomic Alarm Clock offers flexible placement options to suit your needs:

- **Tabletop Placement:** Use the built-in stand bracket on the back of the clock to place it securely on any flat surface, such as a desk, nightstand, or shelf.
- **Wall Mount:** Utilize the integrated hanging hole on the back of the clock to easily mount it on a wall.



Figure 8: Two Placement Ways. Choose between tabletop display or wall mounting.

Troubleshooting

If you encounter any issues with your Geevon Atomic Alarm Clock, please refer to the common troubleshooting tips below. For a comprehensive guide, please consult the official Troubleshooting Guide PDF.

- **No Display/Dim Display:** Ensure the AC adapter is securely plugged in. If using battery backup, check if batteries are correctly inserted and have sufficient charge. The adjustable backlight requires AC power.
- **Incorrect Time:** Verify that the correct time zone is selected. If using atomic synchronization, ensure the clock is in an area with good signal reception and allow time for synchronization. Manually set the time if automatic synchronization is not working.
- **Alarm Not Sounding:** Check if the alarm is activated (bell icon visible on display). Ensure the alarm time is set correctly.
- **Temperature/Humidity Readings Inaccurate:** Ensure the clock is placed in a stable indoor environment, away from direct sunlight, heat sources, or drafts that could affect readings.

For a comprehensive troubleshooting guide, please refer to the Troubleshooting Guide (PDF).

Product Specifications

Feature	Detail
Brand	Geevon
Model Number	GN-23145T-US
Display Type	Digital, Color LCD
Power Source	Corded Electric / Battery Powered (3 AAA batteries required, not included)
Product Dimensions	6 x 4 x 1 inches
Item Weight	8 ounces
Special Features	Atomic Clock (WWVB), Indoor Temperature & Humidity, Calendar Display, Moon Phases, Adjustable Brightness, Snooze Function
Material	Plastic
Mounting Type	Tabletop / Wall Mount

Warranty and Support

Geevon is committed to providing high-quality products and excellent customer service.

- **Warranty:** This product comes with a Lifetime Warranty.
- **Money-Back Guarantee:** We offer a 30-day free money-back guarantee.
- **Customer Support:** For any issues or inquiries, please feel free to contact us. We provide lifetime consulting service to ensure your satisfaction.