

Geevon 22116

Geevon Atomic Digital Alarm Clock Instruction Manual

Model: 22116

INTRODUCTION

This manual provides comprehensive instructions for the Geevon Atomic Digital Alarm Clock, Model 22116. This device features precise atomic time synchronization, dual alarm settings, an indoor temperature display, and two backlight modes for enhanced visibility. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

Dual Alarm

2 Alarms with 8-minute Snooze



Image: An overview of the Geevon Atomic Digital Alarm Clock, highlighting its LCD display and various functions.

KEY FEATURES

- **Atomic Time Synchronization:** Receives daily WWVB updates for accurate timekeeping within one second. Supports 7 time zones and Daylight Saving Time (DST) function.
- **Dual Alarm Settings:** Configure two independent alarms with a gradually ascending beep sound to ensure you wake up gently.
- **Snooze Function:** Provides an additional 5 minutes of sleep by pressing the top button when an alarm sounds.
- **Two Backlight Modes:**
 - **Automatic Nightlight:** A soft, dim backlight activates automatically in dark environments when the "AUTO LIGHT" switch is set to "ON".
 - **8-Second Backlight:** Press the top button to activate a brighter orange backlight for 8 seconds, useful for checking the time in the dark when the auto light is off.
- **Indoor Temperature Display:** Monitors and displays the indoor temperature in either Celsius (°C) or Fahrenheit (°F).

- **Multifunctional Display:** Features a clear LCD screen showing time (12/24 hour format), date, day of the week, and temperature.
- **Portable Design:** Compact and lightweight, powered by 2 AA batteries (not included), making it suitable for travel or bedside use.



Image: The Geevon Atomic Digital Alarm Clock with a visual representation of its various functions, including time, dual alarms, calendar, smart night light, 8-second backlight, atomic clock, DST, and indoor temperature display.

PACKAGE CONTENTS

The Geevon Atomic Digital Alarm Clock package includes:

- 1 x Geevon Atomic Digital Alarm Clock (Model 22116)
- 1 x Instruction Manual

Note: 2 AA batteries are required for operation and are not included in the package.

SETUP

1. Battery Installation

Locate the battery compartment on the back of the alarm clock. Insert 2 new AA batteries, ensuring correct polarity (+/-). Close the

battery compartment cover securely.

2. Initial Atomic Clock Synchronization

Upon battery installation, the clock will automatically attempt to synchronize with the WWVB atomic time signal. This process may take several minutes. During synchronization, all buttons are temporarily unavailable to prevent interference. Once synchronized, the time will be set accurately.



Image: The Geevon Atomic Digital Alarm Clock displaying the atomic signal reception icon, indicating successful synchronization.

3. Setting Time Zone and Daylight Saving Time (DST)

After initial synchronization, select your local time zone and enable/disable the DST function if applicable. Refer to the 'Operating Instructions' section for detailed steps on adjusting these settings.

4. Placement Guidelines

- For accurate temperature measurement, place the clock away from direct sunlight and heat sources.
- To ensure optimal atomic signal reception, position the clock away from large metal objects, thick walls, metal surfaces, or other obstructions that may limit reception.

OPERATING INSTRUCTIONS

1. Time and Date Settings

While the atomic clock function automatically sets the time, you can manually adjust settings if needed.

1. Press the **SET** button (often represented by a gear icon) to enter time setting mode.
2. Use the **UP** and **DOWN** buttons (arrow icons) to adjust the flashing value (e.g., hour, minute, year, month, day).
3. Press **SET** again to confirm and move to the next setting.
4. Press the **MODE** button (often represented by a clock icon) to exit setting mode.

2. 12/24 Hour Format Selection

To switch between 12-hour and 24-hour time formats, press the **UP** button during normal time display.

3. Setting Alarms

The clock features two independent alarms (Alarm 1 and Alarm 2).

Dual Alarms & Gradually Ascending "Beeping" Sound

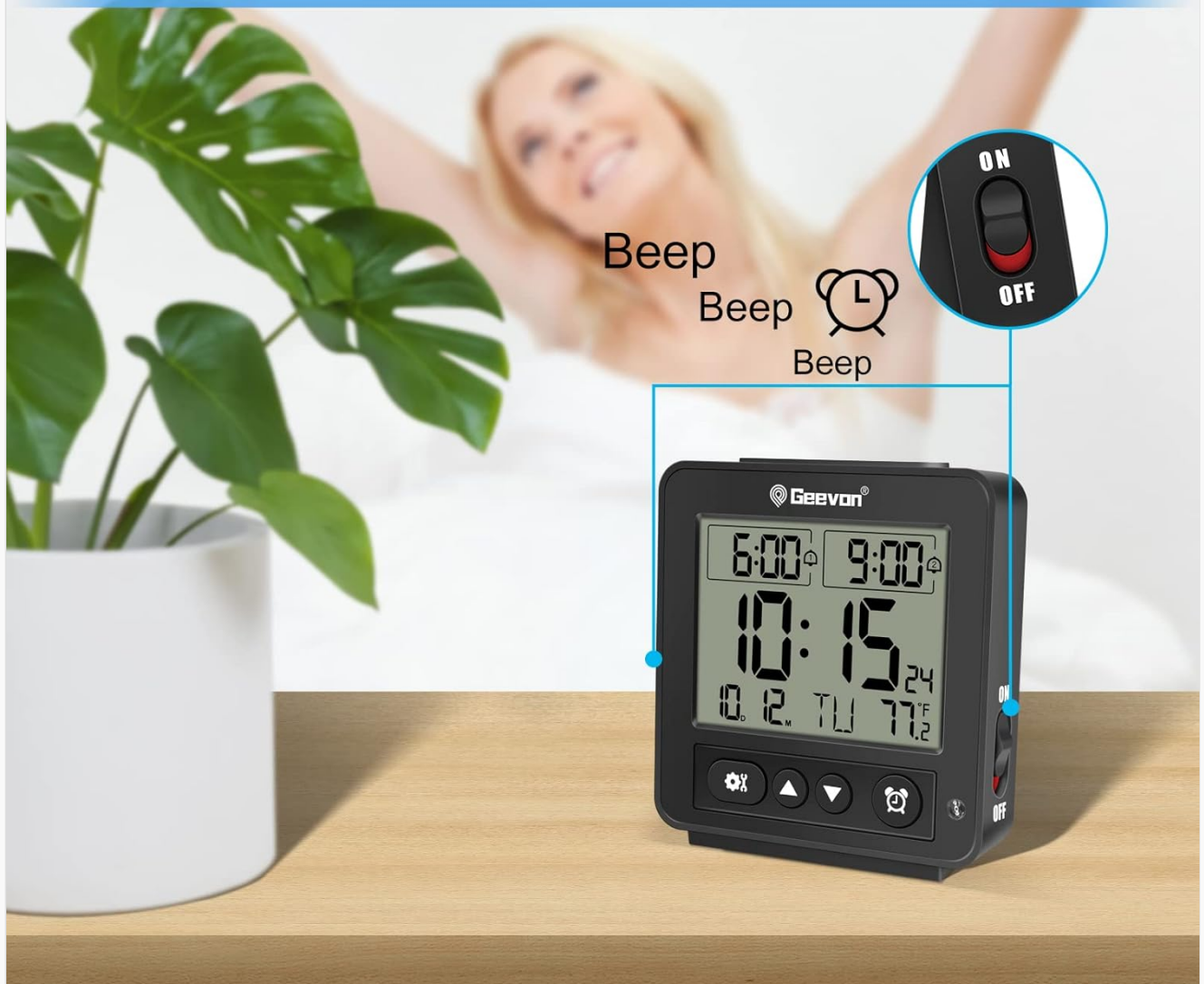


Image: The Geevon Atomic Digital Alarm Clock displaying two alarm times (6:00 and 9:00) at the top of the screen, indicating the dual alarm feature.

1. Press the **ALARM** button (often represented by a bell icon) to view Alarm 1 time. Press again to view Alarm 2 time.
2. While viewing an alarm time, press and hold the **ALARM** button to enter alarm setting mode.
3. Use the **UP** and **DOWN** buttons to adjust the hour and minute.
4. Press **ALARM** to confirm each setting.
5. To activate or deactivate an alarm, use the dedicated ON/OFF switches located on the side or back of the clock, or press the **ALARM** button during normal time display to toggle it. An alarm icon will appear on the display when active.

4. Snooze Function

When an alarm sounds, press the large **SNOOZE/LIGHT** button on top of the clock to activate the snooze function. The alarm will pause for 5 minutes and then sound again. The snooze duration is fixed at 5 minutes.

Top button can be continually pressed to get an extra 8-minute nap and light the clock for 8s



Image: The Geevon Atomic Digital Alarm Clock on a bedside table, illustrating the snooze function. The display shows the time and a 'Zz' icon, indicating that snooze is active.

5. Backlight Operation

The clock offers two backlight modes:

- **Automatic Nightlight:** Locate the "AUTO LIGHT" switch on the side or back of the clock. Set it to "ON" for a soft, dim backlight to illuminate the display automatically in dark conditions. Set it to "OFF" to disable this feature.
- **8-Second Backlight:** When the "AUTO LIGHT" switch is "OFF", press the large **SNOOZE/LIGHT** button on top of the clock to activate a brighter orange backlight for 8 seconds.

Auto Light Function

When it is in darkness, it triggers a soft nightlight to illuminate the display automatically after the switch is flipped to "ON"



Image: The Geevon Atomic Digital Alarm Clock in a dimly lit room, showing the display illuminated by the auto light function. A close-up of the "AUTO LIGHT" ON/OFF switch is also visible.

6. Temperature Unit Selection

To switch the indoor temperature display between Celsius (°C) and Fahrenheit (°F):

1. During normal time display, press and hold the **UP** button for 2 seconds.
2. The temperature unit will toggle between °C and °F.

Indoor Temperature Display



Temperature range (° C/° F)
is 14.2 to 122 Fahrenheit
(-9.9 to 50 Celsius)



Image: The Geevon Atomic Digital Alarm Clock displaying the indoor temperature (77.2°F) on its screen, highlighting the temperature monitoring feature.

MAINTENANCE

1. Battery Replacement

When the display dims or functions become erratic, it is time to replace the batteries. Open the battery compartment on the back of the clock, remove the old AA batteries, and insert 2 new AA batteries, observing correct polarity. Dispose of old batteries responsibly.

2. Cleaning

To clean the clock, gently wipe the display and casing with a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse the clock in water, as this can damage the device.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Clock does not display anything or display is dim.	Low or dead batteries; incorrect battery installation.	Replace with new AA batteries, ensuring correct polarity.
Atomic time synchronization fails or time is incorrect.	Poor signal reception due to location; interference from electronic devices or metal objects; manual time setting error.	<ul style="list-style-type: none">• Relocate the clock away from large metal items, thick walls, or other electronics.• Ensure the clock is not near sources of electromagnetic interference.• Perform a manual time setting if atomic signal cannot be received.• Remove batteries for a few minutes, then reinsert to force a new synchronization attempt.
Daylight Saving Time (DST) adjustment is incorrect or delayed.	The clock may adjust DST on the day following the change, or the DST function is not enabled.	<ul style="list-style-type: none">• Verify the DST setting is enabled for your region.• Allow up to 24 hours for the clock to receive the updated atomic signal and adjust.• Manually adjust the time if immediate correction is required.
Alarm does not sound.	Alarm is not activated; alarm volume is too low (not applicable for this model as it has ascending beep).	Ensure the alarm ON/OFF switch is in the "ON" position and the alarm icon is visible on the display. Recheck alarm time settings.
Backlight is not working.	"AUTO LIGHT" switch is off; batteries are low; 8-second backlight not activated correctly.	<ul style="list-style-type: none">• Check the "AUTO LIGHT" switch position.• Replace batteries if they are low.• Ensure you are pressing the top SNOOZE/LIGHT button for the 8-second backlight.

SPECIFICATIONS

Feature	Detail
Brand	Geevon
Model Number	22116
Part Number	86116 US
Color	Black
Display Type	Digital LCD
Power Source	Battery Powered (2 x AA batteries, not included)
Material	Acrylonitrile Butadiene Styrene (ABS)
Mounting Type	Tabletop
Product Dimensions (L x W x H)	2.54 x 3.81 x 9.65 cm (1 x 1.5 x 3.8 inches)
Product Weight	158.76 g (5.6 oz)
Indoor Temperature Range	14.2 to 122 Fahrenheit (-9.9 to 50 Celsius)
Atomic Clock Feature	WWVB Radio Controlled, 7 Time Zones, DST On/Off

Feature	Detail
Alarm Features	Dual Alarms, Gradually Ascending Beep, 5-minute Snooze
Backlight Features	Automatic Soft Nightlight, 8-second Orange Backlight

WARRANTY AND SUPPORT

Geevon is committed to providing high-quality products and customer satisfaction. We offer lifelong consulting services for our products.

If you encounter any problems or have questions regarding the use of your Geevon Atomic Digital Alarm Clock, please contact Geevon customer support immediately for assistance.

Contact information can typically be found on the product packaging or the official Geevon website.

