

Model: 230342 Color Atomic Clock

Overview

This Geevon Digital Atomic Alarm Clock features a large 6-inch Color VA display. It automatically synchronizes time via the WWVB radio signal and updates for Daylight Saving Time (DST). The clock displays time, date, weekday, indoor temperature, humidity, and moon phases. It includes an alarm with snooze, two USB charging ports, and a dimmable backlight.



Features

Display and Timekeeping

- **6-inch Color VA Display:** Large, clear digits with wide viewing angles.

- **Atomic Time Synchronization (WWVB):** Automatically receives the official time signal from the U.S. atomic clock. Sets the correct time and updates for Daylight Saving Time (DST).
- **7 Time Zones:** Supports AST, EST, CST, MST, PST, AKST, HST.
- **Display Information:** Shows time (12/24 hour format), date, weekday, alarm time, indoor temperature (°F/°C), humidity, and moon phases.



Alarm and Functions

- **Alarm with Snooze:** Audible alarm with a snooze function.
- **Dimmable Backlight:** Adjustable to 5 brightness levels (100%, 60%, 30%, 5%, Off).
- **2 USB Charging Ports:** For charging phones, tablets, and other devices.
- **Battery Backup:** Requires 3 AAA batteries (not included) to maintain time and settings during a power outage. Features a low-battery warning.



Environmental Monitoring

- **Indoor Temperature & Humidity Sensor:** Displays current readings and a comfort indicator.
- **Moon Phase Display:** Shows the current phase of the moon.



Use Guide

Initial Setup

1. **Power the Clock:** Connect the included AC power adapter. For backup, install 3 AAA batteries in the compartment.
2. **Position the Clock:** Place it on a desk using the built-in stand or hang it on a wall using the mounting hole. For best WWVB signal reception, position near a window overnight during initial setup.
3. **Set Time Zone and Preferences:**
 - Press the **SET** button to enter setup mode.
 - Use the **+** or other navigation buttons to select your time zone (AST, EST, CST, MST, PST, AKST, HST).
 - Set the date format (MM/DD or DD/MM), time format (12/24 hour), temperature unit (°F/°C), and enable DST.
 - Press **SET** to confirm and exit.
4. **Atomic Sync:** Leave the clock plugged in overnight. The "WWVB" icon will flash while searching for the signal. Once synchronized, the icon will stay solid, and the time will be correct.



Setting the Alarm

1. Press the **ALARM** button.
2. Use the **+** or other buttons to set the desired alarm hour and minute.
3. Press **ALARM** again to confirm. The alarm icon will appear on the display.
4. To enable/disable the alarm, press and hold the **ALARM** button for a few seconds.
5. When the alarm sounds, press the **SNOOZE** button for temporary silence.

Adjusting Backlight Brightness

Press the **LIGHT** or **DIMMER** button (often located on the top of the unit) to cycle through the 5 brightness levels (100%, 60%, 30%, 5%, Off).



Using the USB Ports

Connect your device's USB cable to either of the two USB ports on the side or back of the clock. The ports provide power for charging only.

Display Icons and Indicators

- **WWVB:** Flashes when searching for the atomic signal; solid when synchronized.
- **Alarm Bell:** Indicates the alarm is enabled.
- **Low Battery:** Appears when the backup batteries need replacement.
- **Comfort Indicator:** A symbol (e.g., smiley face) next to the humidity reading indicates a comfortable range.

Specifications

Display Type	Digital, Color VA
Display Size	6 inches
Product Dimensions	6.3" W x 4.7" H
Power Source	AC Adapter (included) & 3 x AAA Battery Backup (not included)
Features	Atomic Time (WWVB), Alarm with Snooze, Indoor Temperature & Humidity, Moon Phase, Calendar, 2 USB Ports, Dimmable Backlight (5 levels)
Time Zones	AST, EST, CST, MST, PST, AKST, HST
Mounting	Tabletop stand or wall mount (hole on back)
Indoor/Outdoor Usage	Indoor

Troubleshooting

- **Clock not syncing to atomic time:** Ensure the correct time zone is set and WWVB is enabled. Place the clock near a window overnight, away from major electronic interference.
- **Buttons do not work:** The buttons are disabled while the clock is actively receiving the WWVB signal. Wait for the reception cycle to complete.
- **Incorrect time after power outage:** The clock should revert to the correct time once power is restored and it can receive the WWVB signal. Ensure backup batteries are installed to maintain settings.
- **Display is too bright/dim:** Press the light/dimmer button on top of the unit to adjust the brightness level.

Warranty and Support

The manufacturer offers a 12-month limited warranty, 30-day money-back guarantee, and lifetime consulting services. For support, contact the seller through your Amazon purchase history or the Geevon store page on Amazon.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.