WallarGe CL7001-B5

WallarGe Atomic Clock User Manual

Model: CL7001-B5

Thank you for choosing the WallarGe Atomic Clock. This manual provides essential information for setting up, operating, and maintaining your device.

1. Product Overview

The WallarGe Atomic Clock is a self-setting digital wall clock designed to provide accurate time and display both indoor and outdoor temperatures. It features automatic synchronization with the WWVB radio broadcast, supports multiple time zones, and includes an alarm function.



Image: The WallarGe Atomic Clock display unit alongside its wireless outdoor temperature sensor.

Key Features:

- **Accurate Atomic Time:** Automatically synchronizes with WWVB radio broadcast for precise timekeeping.
- **Indoor & Outdoor Temperature:** Displays current indoor temperature and outdoor temperature via a wireless sensor.
- **Battery Operated:** Cordless design for flexible placement.
- **Large, Clear Display:** Easy-to-read digits for time, date, and temperature.
- **Automatic DST:** Adjusts automatically for Daylight Saving Time.
- **Multiple Time Zones:** Supports EST, CST, MST, PST.

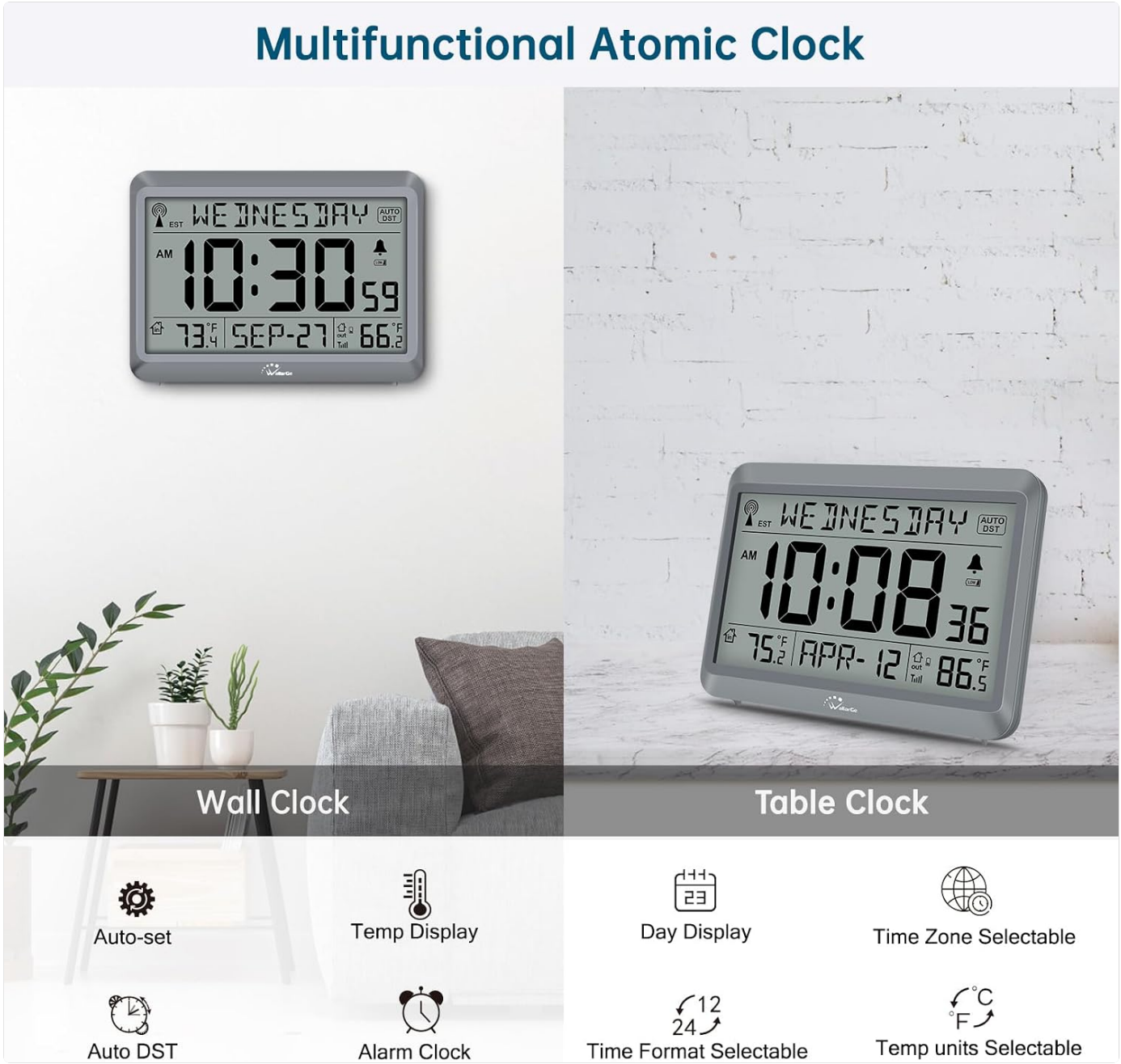


Image: The atomic clock shown mounted on a wall and placed on a table, demonstrating its versatility.

2. Setup Guide

2.1 Battery Installation

The clock and outdoor sensor require batteries (not included). Ensure correct polarity when inserting batteries.

- **Clock Unit:** Requires 3 x AAA batteries.
- **Outdoor Sensor:** Requires 2 x AA batteries.

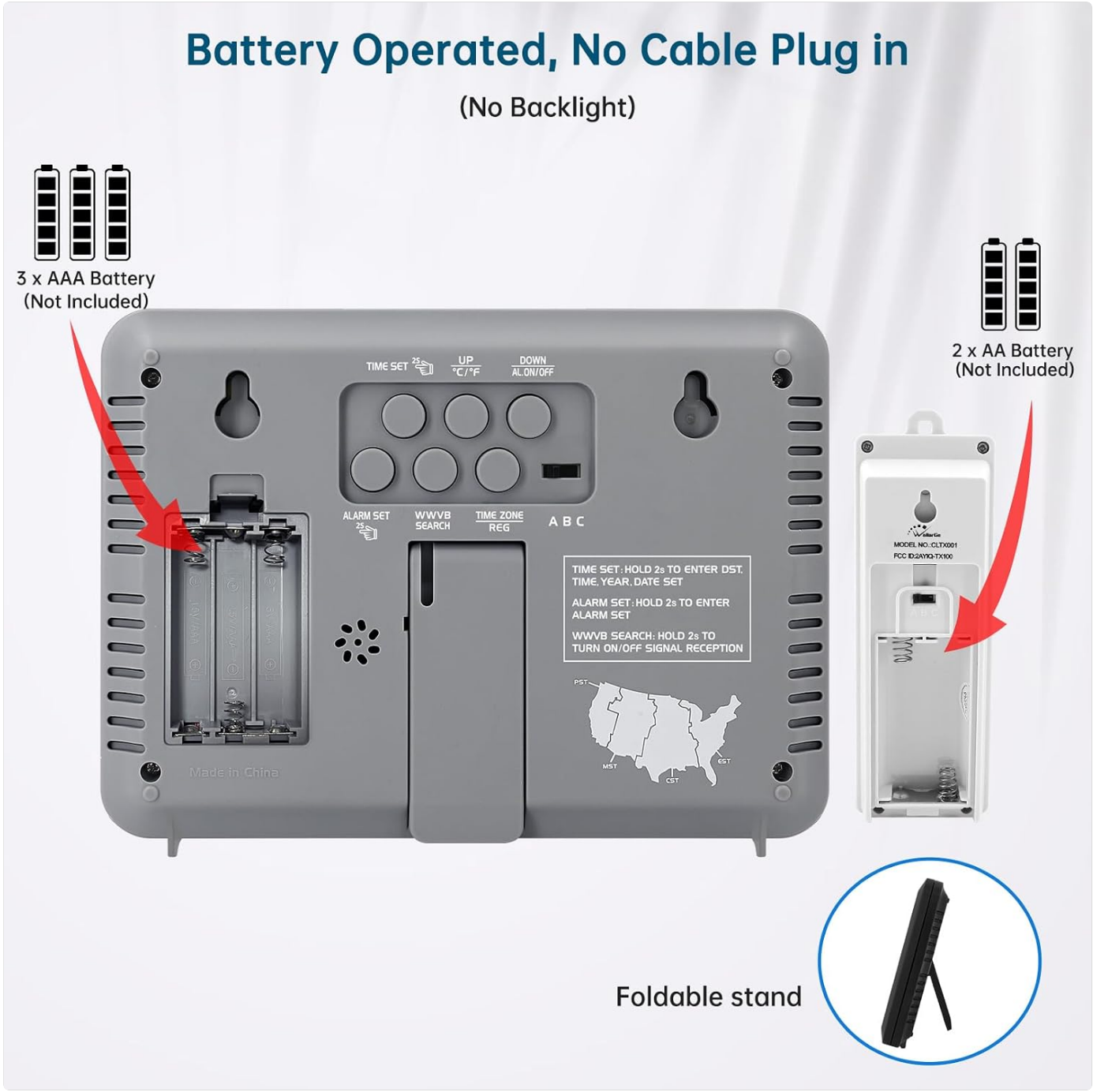


Image: Rear view of the clock showing the AAA battery compartment and the outdoor sensor showing the AA battery compartment.

2.2 Initial Setup and WWVB Signal Reception

After installing batteries, the clock will automatically attempt to synchronize with the WWVB atomic clock signal. This process may take several minutes to a few hours, depending on your location and signal strength. For best reception, place the clock near a window, away from electronic devices that may cause interference.



Image: Diagram illustrating the atomic clock receiving the WWVB signal for automatic time setting.

2.3 Outdoor Sensor Placement

Place the wireless outdoor sensor within 330 feet (100 meters) of the main clock unit. For accurate readings and to prolong sensor life, position it in a shaded area, out of direct sunlight and rain. Avoid placing it near large metal objects or sources of electrical interference.



Image: The main clock unit displaying indoor and outdoor temperatures, with an inset showing the outdoor sensor mounted on an exterior wall.

3. Operating Instructions

The clock features several buttons on the back for manual adjustments and settings. Refer to the diagram below for button identification.



Image: Detailed view of the clock display with labels pointing to various indicators such as WWVB Signal, Time Zone, Day of Week, DST, Alarm, Low Battery Warning, Atomic Time, Outdoor Temp, Indoor Temp, Date, and 12Hr/24Hr.

3.1 Setting Time Zone

Press the **TIME ZONE** button repeatedly to cycle through the available time zones: EST (Eastern Standard Time), CST (Central Standard Time), MST (Mountain Standard Time), and PST (Pacific Standard Time). The selected time zone will be displayed on the screen.

3.2 Daylight Saving Time (DST)

The clock is designed to automatically adjust for Daylight Saving Time. When the DST function is active, a corresponding icon will appear on the screen. If you wish to manually disable or enable DST, refer to the specific instructions on the back of the clock or in the quick start guide.

3.3 Temperature Unit Switching

To switch between Celsius (°C) and Fahrenheit (°F) temperature units, press the**UP**/**°C**/**°F** button. Both indoor and outdoor temperatures will change units simultaneously.

3.4 Time Display Mode (12Hr/24Hr)

The clock supports both 12-hour (AM/PM) and 24-hour (Military Time) display formats. To switch between these modes, press the appropriate button (usually labeled **12/24HR** or similar, as indicated on the display diagram).

3.5 Setting the Alarm

To set the alarm, press and hold the **ALARM SET** button. Use the **UP** and **DOWN** buttons to adjust the hour and minute. Press **ALARM SET** again to confirm each setting. To activate or deactivate the alarm, press the **ALARM ON/OFF** button. An alarm icon will appear when the alarm is active.

4. Maintenance

4.1 Battery Replacement

When the batteries in either the clock unit or the outdoor sensor are running low, a low battery symbol will appear and blink on the clock's screen. Replace all batteries in the respective unit promptly to ensure continuous and accurate operation. Always use new batteries of the specified type (AAA for clock, AA for sensor).

4.2 Cleaning

To clean the clock and sensor, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical agents, as these may damage the display or casing. Keep the devices dry and away from excessive dust.

5. Troubleshooting

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

Problem	Possible Cause	Solution
Clock not synchronizing with atomic time (WWVB).	Weak signal, interference, incorrect time zone.	• Move the clock closer to a window or an exterior wall. • Ensure it is away from electronic devices (TVs, computers, microwaves) that emit electromagnetic interference. • Verify the correct time zone is selected. • Perform a manual signal search by holding the **WWVB SEARCH** button.
Outdoor temperature not displayed or inaccurate.	Sensor out of range, low sensor battery, interference, improper sensor placement.	• Ensure the sensor is within 330 feet of the clock unit. • Replace the batteries in the outdoor sensor. • Relocate the sensor to avoid direct sunlight, rain, or sources of interference. • Re-establish connection by removing batteries from both units, waiting a few minutes, then reinserting batteries into the sensor first, then the clock.

Problem	Possible Cause	Solution
Display is dim or blank.	Low clock battery.	Replace the AAA batteries in the main clock unit.
Time or date is incorrect after battery change.	Loss of settings, atomic signal not yet re-acquired.	Allow the clock time to re-synchronize with the WWVB signal. This may take up to 24 hours. Manually set time zone if needed.

6. Specifications

Detailed technical specifications for the WallarGe Atomic Clock (Model CL7001-B5):

Model Number: CL7001-B5

Color: Grey

Brand: WallarGe

Product Dimensions: 7"W x 5.2"H

Item Weight: 0.37 Kilograms (13.1 ounces)

Clock Battery: 3 x AAA (not included)

Outdoor Sensor Battery: 2 x AA (not included)

Mounting Type: Wall Mount, Tabletop

Upper Temperature Rating: 158 Degrees Fahrenheit (70°C)

Temperature Accuracy: ±1.5°C

Country of Origin: China

Date First Available: June 1, 2023

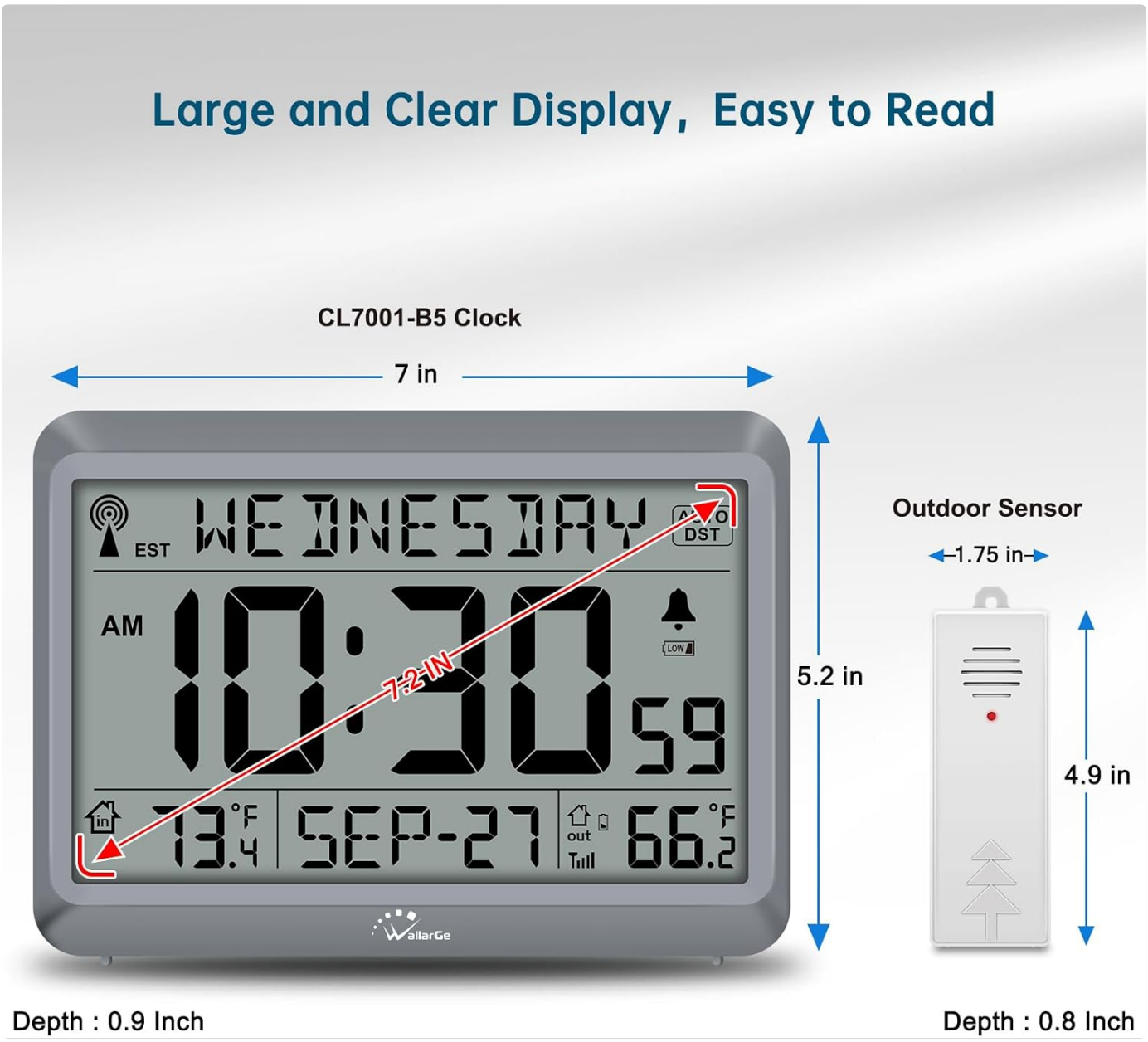


Image: Diagram showing the dimensions of the WallarGe Atomic Clock and its outdoor sensor.

7. Warranty and Support

Warranty information for this product was not provided in the available documentation. For specific warranty details, product support, or to inquire about replacement parts, please contact WallarGe customer service directly. You may find contact information on the product packaging or the official WallarGe website.

Manufacturer: WallarGe

For further assistance, please visit the WallarGe Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question