

[Manuals.plus](#) /

› [WallarGe](#) /

› WallarGe Atomic Clock User Manual

WallarGe 12.5INCH

WallarGe Atomic Clock User Manual

Model: 12.5INCH

PRODUCT OVERVIEW

The WallarGe Atomic Clock is a self-setting digital clock designed for accurate timekeeping and environmental monitoring. It features a large display for easy readability, and includes both indoor and wireless outdoor temperature sensors. The clock automatically synchronizes with the WWVB radio broadcast for precise time, eliminating the need for manual adjustments for daylight saving time or time zone changes.



Figure 1: WallarGe Atomic Clock and Wireless Outdoor Sensor.

SETUP GUIDE

1. Battery Installation

The clock and outdoor sensor are battery-operated. Batteries are not included. Ensure you use non-rechargeable AA batteries.

- **Outdoor Sensor:** Open the battery compartment on the back of the outdoor sensor. Insert 2 AA batteries, ensuring correct polarity (+/-). Close the compartment securely.
- **Atomic Clock:** Open the battery compartment on the back of the clock. Insert 3 AA batteries, ensuring correct polarity (+/-). Close the compartment securely.

Battery-powered, No Extra Wires

Modern, Practical and Beautiful



Figure 2: Battery installation for the clock and outdoor sensor.

2. Initial Synchronization and Time Zone Selection

Upon battery installation, the clock will automatically begin searching for the WWVB atomic time signal. This process may take several minutes to a few hours depending on signal strength. The clock's default time zone is Eastern Time (EST).

- **Time Zone:** To change the time zone, locate the "TIME ZONE" button on the back of the clock. Press it repeatedly to cycle through the available time zones (PST, MST, CST, EST) until your desired zone is displayed.
- **Signal Reception:** For optimal signal reception, place the clock in an open area or near a window, away from large metal objects or concrete structures.

Your browser does not support the video tag.

Video 1: Official setup guide for the WallarGe Atomic Clock, demonstrating battery installation and initial synchronization.

OPERATING INSTRUCTIONS

1. Automatic Time Synchronization (Atomic Clock Feature)

The WallarGe Atomic Clock automatically synchronizes with the WWVB radio broadcast from Fort Collins, Colorado, ensuring accuracy within one second for thousands of years. The clock attempts to receive the signal daily at midnight and adjusts the time setting as needed. This feature eliminates the need for manual time adjustments, including for Daylight Saving Time (DST).

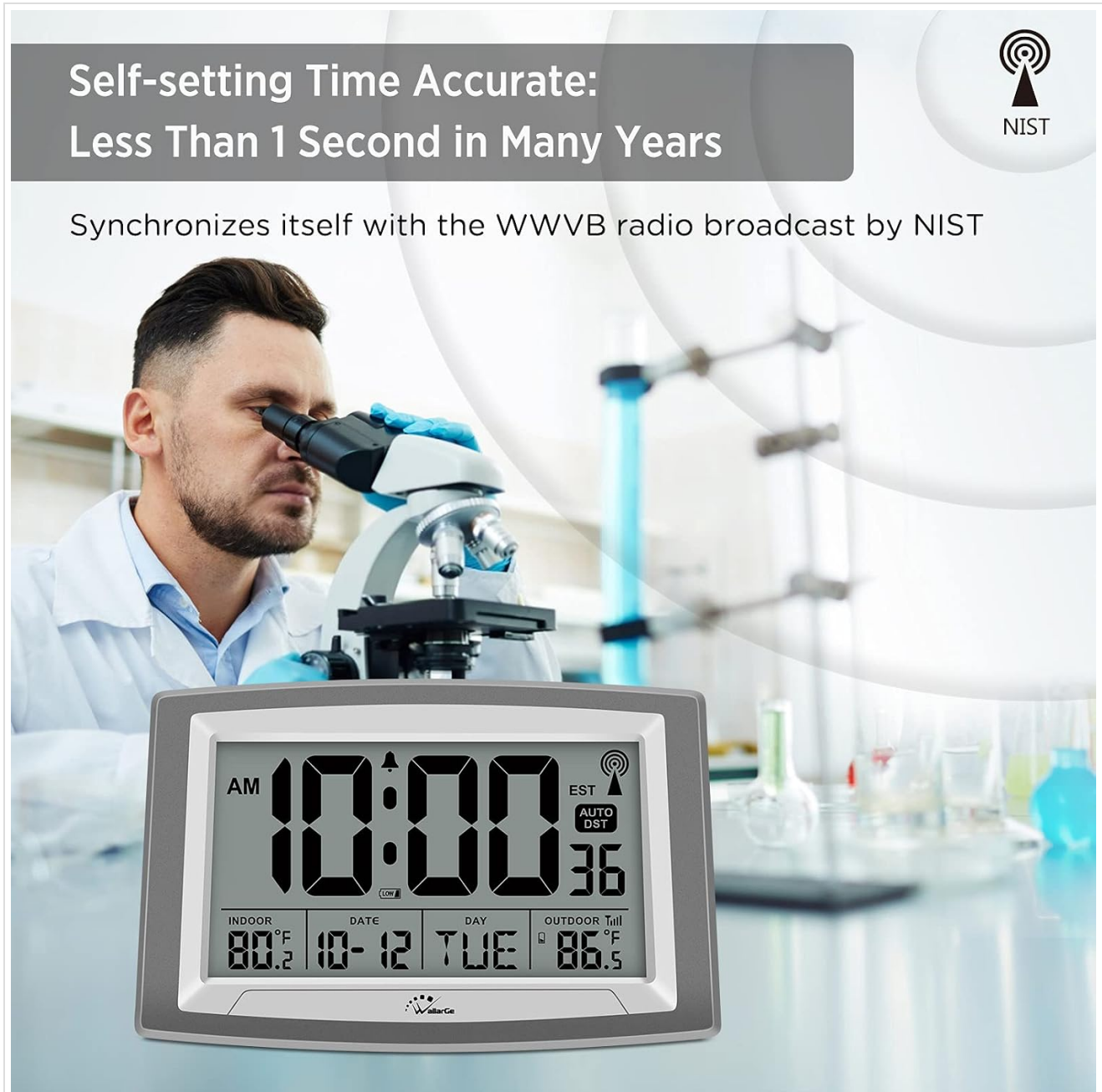


Figure 3: The clock's self-setting feature ensures precise timekeeping.

2. Manual Time Setting

If the atomic time signal cannot be received successfully, or if you prefer manual control, you can set the time, date, and other parameters manually.

- **Time/Date Set:** Press and hold the "TIME SET" button on the back of the clock for 2 seconds to enter manual setting mode. Use the "UP" and "DOWN" buttons to adjust values, and "TIME SET" to confirm and move to

the next setting (Year, Month, Date, Hour, Minute).

- **12/24 Hour Format:** While in manual setting mode, use the "UP" button to toggle between 12-hour and 24-hour time formats.
- **Celsius/Fahrenheit:** Use the "UP °C/°F" button to switch between Celsius and Fahrenheit temperature units.

3. Temperature Monitoring

The clock displays both indoor and outdoor temperatures. The indoor temperature is measured by a built-in sensor, while the outdoor temperature is transmitted wirelessly from the external sensor.

- **Indoor Temperature:** The indoor temperature is displayed on the main screen and updates every 10 seconds.
- **Outdoor Temperature:** The outdoor sensor transmits data every 32 seconds. Ensure the sensor is placed within 330 feet (100m) of the clock for reliable transmission.



Figure 4: Accurate indoor and outdoor temperature display helps in daily planning.

4. Alarm Function

The clock includes an alarm feature to help you keep track of important events.

- **Setting Alarm:** Press and hold the "ALARM SET" button on the back of the clock for 2 seconds. Use the "UP" and "DOWN" buttons to set the desired alarm time. Press "ALARM SET" again to confirm.
- **Activating/Deactivating Alarm:** Press the "AL ON/OFF" button to toggle the alarm on or off. An alarm icon will appear on the display when active.
- **Snooze Function:** When the alarm sounds, press the large snooze button on top of the clock to temporarily silence it. The alarm will sound again after a few minutes.

MAINTENANCE

1. Battery Replacement

Replace batteries in both the clock and the outdoor sensor when the low battery indicator appears on the display. It is recommended to replace all batteries at the same time to ensure consistent performance. Use high-quality, non-rechargeable AA batteries.

2. Cleaning

Wipe the clock and sensor with a soft, dry cloth. Do not use abrasive cleaners or chemicals, as these may damage the display or casing.

3. Outdoor Sensor Placement

For accurate outdoor temperature readings, place the sensor in a shaded area, away from direct sunlight and heat sources. Ensure it is protected from direct rain and snow. The maximum receiving distance is 330 feet (100m). Avoid placing the sensor near large metal objects or thick concrete walls that could interfere with the wireless signal.

TROUBLESHOOTING

Problem	Solution
Clock not receiving WWVB signal / Incorrect time:	• Ensure the clock is in an open area or near a window, away from electronic interference. • Verify the correct time zone is selected. • Manually initiate a signal search by holding the "WWVB SEARCH" button for 2 seconds. • If signal reception remains poor, set the time manually as described in the "Operating Instructions" section.

Problem	Solution
Outdoor temperature not displayed / Incorrect reading:	• Check batteries in the outdoor sensor and replace if necessary. • Ensure the outdoor sensor is within the 330ft (100m) range of the clock. • Verify the ABC channel switch on both the clock and the sensor are set to the same channel (A, B, or C). • Relocate the outdoor sensor to a shaded area, protected from direct sunlight and moisture.
Display is dim or blank:	• Replace all batteries in the main clock unit. • Ensure batteries are inserted with correct polarity.

SPECIFICATIONS

Feature	Detail
Model	12.5INCH
Display Type	Digital LCD
Time Synchronization	WWVB Atomic Clock (Self-setting)
Time Formats	12/24 Hour
Time Zones	PST, MST, CST, EST
Daylight Saving Time (DST)	Automatic Adjustment
Temperature Units	Celsius (°C) / Fahrenheit (°F)
Indoor Temperature Range	-40°F to 158°F (-40°C to 70°C)
Outdoor Temperature Range	-40°F to 158°F (-40°C to 70°C)
Wireless Sensor Range	Up to 330 feet (100m) in open air
Power Source (Clock)	3 x AA Batteries (not included)
Power Source (Sensor)	2 x AA Batteries (not included)
Mounting Options	Wall Mount or Desk Stand
Product Dimensions	10.6"W x 7"H
Item Weight	1.26 Pounds

WARRANTY AND SUPPORT

For warranty inquiries or technical support, please contact WallarGe customer service directly. The product is verified by Transparency, ensuring authenticity.

Warranty Contact: WallarGe@outlook.com

Please refer to your purchase documentation for specific warranty terms and conditions.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Answered questions about this manual

Is there a way to illuminate the screen on the WallarGe 12.5-inch Atomic Clock?

Based on the product manual and specifications for the WallarGe 12.5-inch Atomic Clock (Model: 12.5INCH), there is no mention of a backlight or a way to illuminate the screen. This device uses a standard...

[Read full answer](#)

How do you turn off the alarm on the WallarGe 12.5-inch Atomic Clock?

To manage the alarm on your WallarGe 12.5-inch Atomic Clock, use the following controls located on the device: To Deactivate the Alarm: Press the AL ON/OFF button on the back of the clock. When the...

[Read full answer](#)

How can I get my WallarGe 12.5-inch Atomic Clock to display the indoor temperature?

The WallarGe 12.5-inch Atomic Clock features a built-in Swiss high-precision SHTC3 sensor that measures indoor temperature automatically every 10 seconds. If the indoor temperature is not appearing or seems incorrect, please try the following...

[Read full answer](#)

How do I fix the outdoor temperature display on my WallarGe 12.5-inch Atomic Clock if it won't come on, even after changing the batteries and ensuring it's not exposed to sun or snow?

If the outdoor temperature display on your WallarGe 12.5-inch Atomic Clock is not working, even after changing the batteries and ensuring proper placement, here are the troubleshooting steps from the manual: Check batteries in...

[Read full answer](#)

How do I set the day of the week on my WallarGe 12.5-inch Atomic Clock after replacing the battery?

On the WallarGe 12.5-inch Atomic Clock, the day of the week is automatically calculated based on the Year, Month, and Date settings. You cannot set the day (Monday, Tuesday, etc.) independently. To correct the...

[Read full answer](#)