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- › [La Crosse Technology](#) /
- › [La Crosse Technology WT-8005U-S Atomic Digital Wall Clock User Manual](#)

La Crosse Technology WT-8005U-S

La Crosse Technology WT-8005U-S Atomic Digital Wall Clock User Manual

Model: WT-8005U-S | Brand: La Crosse Technology

INTRODUCTION

The La Crosse Technology WT-8005U-S Atomic Digital Wall Clock is designed for convenience and accuracy. This digital clock features self-setting time, a perpetual calendar displaying the weekday, and monitors indoor temperature. It can be wall-mounted or used as a desktop clock with its fold-out stands. The clock automatically updates for seasonal time changes where applicable, ensuring precise timekeeping.



Figure 1: Front view of the La Crosse Technology WT-8005U-S Atomic Digital Wall Clock.

KEY FEATURES

- **Atomic Timekeeping:** Automatically sets time and date via WWVB radio frequency, ensuring accuracy.
- **Indoor Temperature Display:** Shows current indoor temperature in Fahrenheit or Celsius.
- **Perpetual Calendar:** Displays month, date, and weekday.
- **Daylight Saving Time (DST) Adjustment:** Automatically updates for seasonal time changes.
- **Alarm with Snooze:** Includes a time alarm with a 5-minute snooze function.
- **Versatile Placement:** Designed for both wall hanging and tabletop use with integrated fold-out stands.
- **Large Display:** Features 2-inch time digits for easy readability.

SETUP INSTRUCTIONS

Battery Installation

1. Insert two fresh, brand-name alkaline AA batteries into the battery compartment on the back of the clock. Ensure correct polarity (+ and -).

2. The clock will begin searching for the WWVB radio frequency for 7 minutes. During this search, buttons will not function.



Figure 2: Back view of the clock with battery compartment and control buttons.

Automatic Time Setting (WWVB)

Once the signal is received, the clock will default to the Pacific (P) Time Zone. At this time, press the **ZONE** button to select your current local time zone (available options: ET, CT, MT, PT).

It may take up to 5 nights for the proper WWVB radio frequency to connect to the clock. Position the clock in the direction of the WWVB tower (Fort Collins, Colorado) until the Tower Icon appears on the clock (not flashing, but constant).

Manual Time Setting

If you wish to set the time manually or if the atomic signal is not available, follow these steps:

1. Press the **WWVB SEARCH** button to stop the initial atomic time search. The clock will begin searching again after midnight.
2. Hold the **SET** button to enter the settings menu.
3. Press the **+** or **-** buttons to adjust values. Hold to advance quickly.
4. Press the **SET** button to confirm and move to the next setting.
5. Press the **LIGHT** button to exit the settings menu.

The settings menu order is: 12/24 hour > Hour > Minutes > Year > Month > Date > DST On/Off. The Weekday will

automatically adjust when Year, Month, and Date are set.

OPERATING THE CLOCK

Display Information

The clock's large LCD display provides the following information at a glance:

- **Time:** Displays current time in AM/PM format (12-hour) or 24-hour format.
- **Month, Date, Day:** Shows the current calendar information.
- **Indoor Temperature:** Displays the temperature of the room where the clock is located. Press the °F/°C button on the back to switch between Fahrenheit and Celsius.
- **Atomic Signal Indicator:** A tower icon indicates successful reception of the WWVB atomic time signal.

Alarm Function

To set the alarm:

1. Press the **ALARM** button to enter alarm setting mode.
2. Use the + or - buttons to adjust the alarm time.
3. Press **ALARM** again to confirm.

When the alarm sounds, press the **SNOOZE** button for a 5-minute snooze. The alarm icon will show when it is activated.

MAINTENANCE

- **Battery Replacement:** Replace batteries when the display becomes dim or unresponsive. Always use fresh, standard alkaline AA batteries.
- **Cleaning:** Wipe the clock with a soft, damp cloth. Do not use abrasive cleaners or chemicals.
- **Placement:** For optimal atomic signal reception, place the clock away from electronic devices that may cause interference.

TROUBLESHOOTING

Blank screen, missing numbers/letters, dashed lines?

- If the clock appears distorted or not responding to pressed buttons, use a pen or paper clip to press the **RESET** button once. This will reset the clock to default settings.
- Ensure you are using brand-name, standard alkaline batteries. The expiration date should be at least 6 years in advance of the present year, or measure 1.48V on a voltmeter.
- Remove batteries (2 AA alkaline). Press any button (without batteries) 20 times to discharge any remaining static current. Install fresh batteries, verifying correct polarity (+ and -).

Displaying wrong Hour? Or, Daylight Savings time changes?

- Verify the WWVB atomic time Tower Icon appears next to the minutes (Upper Right Corner) and is not flashing, but constant.
- Verify your Time Zone selection is correct for your current location (E = Eastern, C = Central, M = Mountain, P = Pacific).
- If you are in a location outside the 2,000-mile radius of the WWVB radio frequency tower (Fort Collins, Colorado), your clock may not receive its signal to update to Atomic Time. The clock will still operate like a quartz clock; proceed with manual menu settings to adjust Hour and Minutes to your local time.
- It may take up to 5 nights for proper WWVB radio frequency to connect to the clock. Position the clock in the direction of the WWVB tower until the Tower Icon appears on the clock (not flashing, constant).
- Verify your DST (Daylight Savings Time) setting is selected to On if applicable for your region.

SPECIFICATIONS

Brand	La Crosse Technology
Model Number	WT-8005U-S (also 308-1414B)
Color	Silver
Display Type	LCD
Product Dimensions	8.9"W x 7.2"H x 1.05"D
Item Weight	12.8 ounces (0.8 Pounds)
Power Source	Battery Powered (2 AA batteries required, not included)
Indoor Temperature Range	14.1°F to 139.8°F (-9.9°C to 59.9°C)
Mounting Type	Tabletop / Wall Mount
Special Features	Alarm, Adjustable Brightness, Daylight Saving, Atomic, Calendar Display



Figure 3: Product dimensions diagram.

WARRANTY AND SUPPORT

Warranty Information

This product comes with a **1-year limited manufacturer's warranty** covering parts and labor.

Customer Support

For additional support, resources, and video tutorials, please visit the official La Crosse Technology support website. Their USA-based support team is available to assist you.

Official Support Website: www.lacrossetechnology.com/support

