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La Crosse Technology 513-1417AL-INT

La Crosse Technology 513-1417AL-INT Atomic Digital Clock with Outdoor Temperature Sensor User Manual

Instruction Manual

INTRODUCTION

The La Crosse Technology 513-1417AL-INT Atomic Digital Clock provides accurate timekeeping and environmental monitoring. This clock features a large, easy-to-read LCD display showing time, date, indoor temperature, and outdoor temperature via a wireless sensor. It also includes an alarm with snooze function and moon phase display.



Image: Front view of the La Crosse Technology Atomic Digital Clock displaying time, indoor and outdoor temperatures, date, and moon phase.

Battery Installation

1. Insert 2 AA batteries into the wireless outdoor sensor. Ensure correct polarity.
2. Insert 2 AA batteries into the main atomic clock unit. Ensure correct polarity.
3. Press the TX button on the remote sensor to transmit the RF signal.
4. Keep the remote sensor 5-10 feet from the atomic clock during initial setup to establish a strong connection.
5. Once the RF connection is established, the outdoor temperature will appear on the clock display.

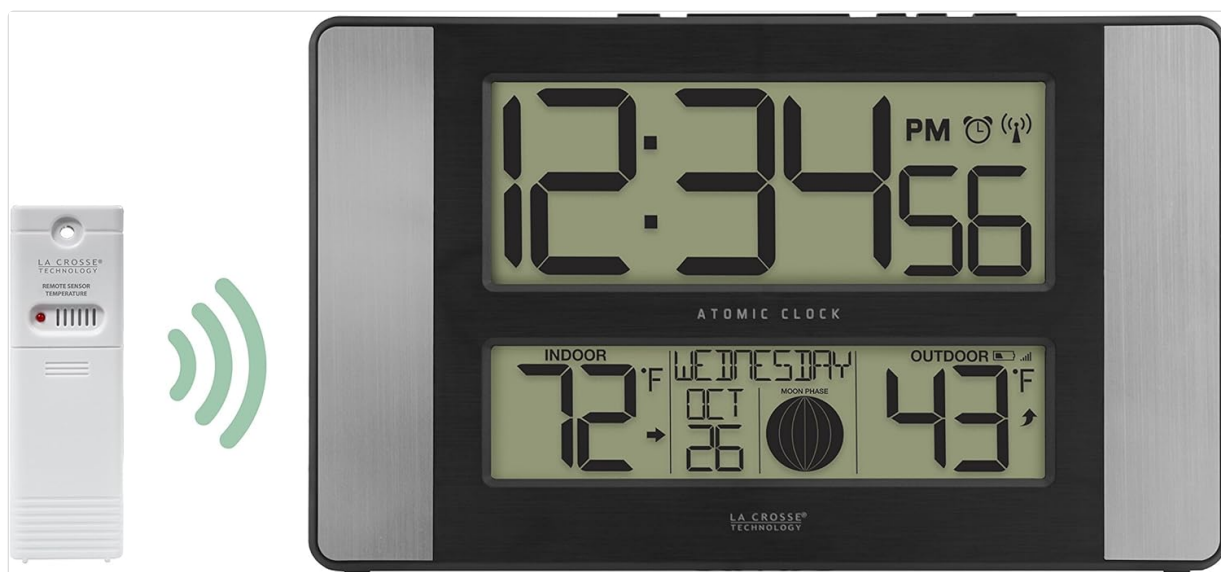


Image: The main clock unit displayed alongside its wireless outdoor temperature sensor, illustrating their connection.

Initial Settings Configuration

After battery installation, configure the basic settings:

1. Hold the **SET** button for 3 seconds to enter the settings menu.
2. Use the **+/-** buttons to adjust values.
3. Press **SET** to confirm each setting and move to the next.

The setting order is as follows:

- Language: English | Español
- Beep ON | OFF
- Atomic ON | OFF (for automatic time synchronization)
- DST ON | OFF (Daylight Saving Time)
- Time Zone (7 USA time zone settings: Atlantic to Hawaiian)
- Hour
- Minutes
- Year
- Month
- Date

- Fahrenheit | Celsius (for temperature display)

Allow the remote sensor and atomic clock to remain together for 15 minutes after setup to ensure a stable connection. Avoid pressing buttons during this period.

OPERATING INSTRUCTIONS

Time and Date Display

The large LCD display shows the current time, including AM/PM indicator, and seconds. The date is displayed with the day of the week, month, and day. The clock automatically synchronizes with the atomic time signal (WWVB) for precise accuracy and adjusts for Daylight Saving Time if enabled.

Temperature Monitoring

The clock displays both indoor and outdoor temperatures in Fahrenheit or Celsius. The outdoor temperature is received wirelessly from the included weather-resistant sensor, which has a range of up to 330 feet (100 meters) in open air. Ensure the outdoor sensor is mounted vertically for optimal performance.

Alarm Function

To set the alarm, press the **ALARM** button. Use the **+/-** buttons to adjust the alarm time and **SET** to confirm. The clock features a crescendo alarm. Press the **SNOOZE** button to activate a 10-minute snooze period.

Moon Phase Display

The clock includes a moon phase icon, providing a visual representation of the current lunar phase.

MAINTENANCE

To ensure the longevity and accurate operation of your La Crosse Technology Atomic Digital Clock, follow these general maintenance guidelines:

- Clean the display and casing with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- Replace batteries in both the main unit and the sensor when the low battery indicator appears on the display. Use fresh AA alkaline batteries.
- Ensure the outdoor sensor is placed in a location protected from direct sunlight and heavy precipitation for accurate readings and extended lifespan.
- Avoid exposing the main unit to extreme temperatures, humidity, or direct sunlight.

TROUBLESHOOTING

Factory Restart Procedure

A factory restart can resolve many common issues by returning the atomic clock and remote sensor to their default state. Follow these steps:

1. Remove all batteries from both the remote sensor and the atomic clock.
2. Press any button on the atomic clock at least 20 times to clear all internal memory.
3. Verify that the atomic clock display is completely blank before proceeding.
4. Leave both units without power for a minimum of 15 minutes. This step is crucial for a complete reset.

- 5. Insert fresh AA batteries into the remote sensor first, then into the main clock unit.
- 6. Press the **TX** button on the remote sensor to initiate RF signal transmission.
- 7. Keep the remote sensor within 5-10 feet of the atomic clock to facilitate connection.
- 8. Once the RF connection is established, the outdoor temperature will appear on the clock.
- 9. Allow both units to sit together for 15 minutes without interaction to establish a strong, stable connection.

Outdoor Sensor Transmission Tips

- For optimal 433MHz transmission, place the remote sensor no more than 330 feet (100 meters) from the atomic clock in an open-air environment.
- Avoid placing the sensor near large metal objects, electronic devices, or thick walls that may interfere with the wireless signal.
- Ensure the outdoor sensor is mounted vertically to prevent moisture accumulation and ensure proper operation.

SPECIFICATIONS

Feature	Detail
Brand	La Crosse Technology
Model Number	513-1417AL-INT
Display Type	LCD
Style	Modern
Special Features	Alarm, Clock, Wireless Outdoor Temperature
Product Dimensions	11.1"W x 6.61"H
Power Source	Battery Powered (4 AA batteries required, not included)
Indoor/Outdoor Usage	Indoor, Outdoor (sensor)
Material	Plastic
Mounting Type	Wall Mount, Tabletop (with fold-out stand)
Operation Mode	Atomic
Connectivity Technology	433 MHz
Included Components	Indoor clock, wireless sensor, instructional manual, warranty card

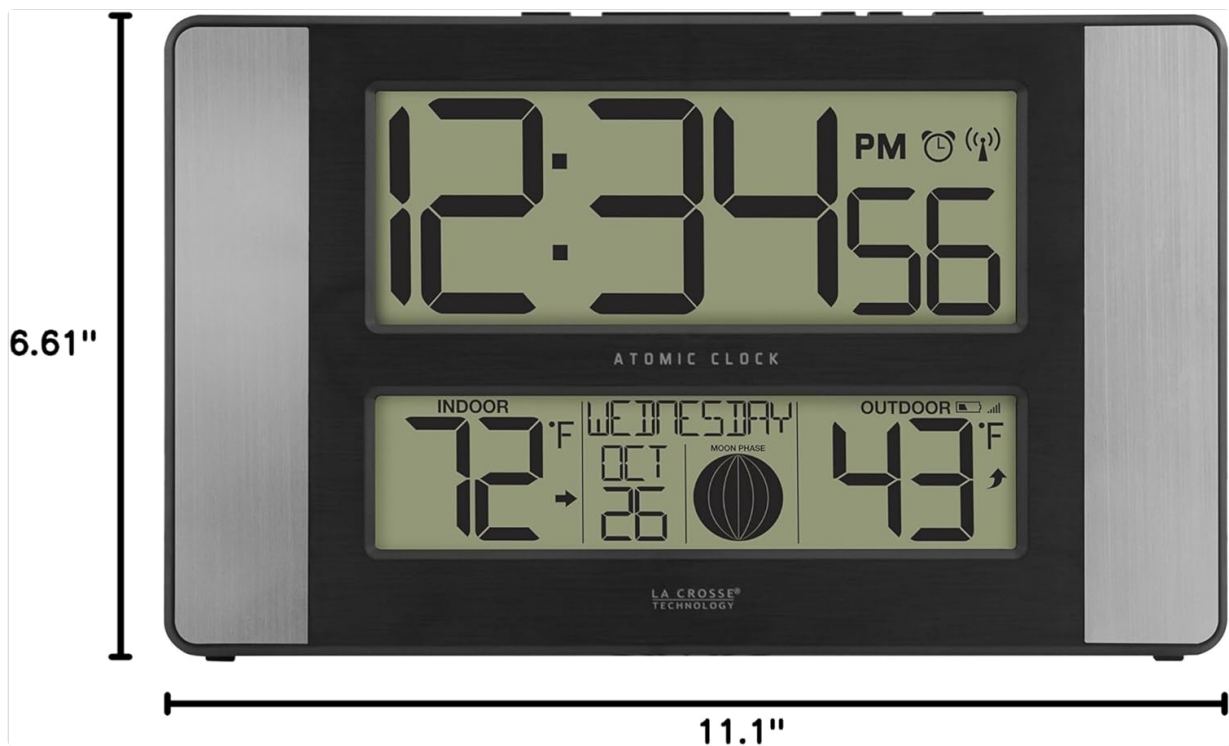


Image: Diagram showing the dimensions of the La Crosse Technology Atomic Digital Clock.

PRODUCT VIDEOS

Product Overview

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Video: A brief overview of the La Crosse Technology Atomic Digital Clock, highlighting its features and design.

Battery Powered Atomic Wall Clock

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Video: Demonstrates the battery installation and basic functionality of the atomic wall clock.


WARRANTY

This product comes with a 1-year limited parts and labor warranty. Please refer to the included warranty card for full details and terms.

SUPPORT

For additional support, troubleshooting, or product inquiries, please visit the official La Crosse Technology website or contact their customer service department. Contact information can be found on the warranty card or the manufacturer's website.

<p>User Manual of Product 1: La Crosse Technology 513-1417AL-INT Atomic Clock w/ Outdoor Temp. Grey/Black</p>	<p>La Crosse Technology 513-1417AL-INT Atomic Clock User Manual</p> <p>User manual for the La Crosse Technology 513-1417AL-INT Atomic Digital Clock with Temperature and Moon Phase. Includes setup, features, specifications, and support information.</p>
<p>LA CROSSE TECHNOLOGY</p> <p>ATOMIC DIGITAL WALL CLOCK INSTRUCTION MANUAL</p>  <p>MODEL: 513-1918S DC: 071521</p>	<p>La Crosse Technology Atomic Digital Wall Clock 513-1918S - Instruction Manual</p> <p>Comprehensive instruction manual for the La Crosse Technology 513-1918S Atomic Digital Wall Clock. Learn how to set up, use, and maintain your clock and outdoor sensor.</p>
 <p>Tomorrow's Weather Today™ Atomic Digital Clock 513-1211</p>  <p>Features:</p> <ul style="list-style-type: none">• Large 4 inch time display.• 12/24 hour time selections.• Atomic Time and Date with manual set option.• Four Time Zones: Eastern, Central, Mountain, & Pacific.• Daylight Saving, auto-adjusts -calendar (DST) calendar.• Calendar Month, Date, Day.• Time alarm with snooze.• Monitor indoor temperature (°F or °C).• Low battery indicator. <p>Setup:</p> <ul style="list-style-type: none">• Select the time zone with the SELECTOR SW on the back of the clock.• Slide battery cover cover open.• Insert three AA alkaline batteries according to polarity markings. <p>WWVB Radio-controlled time The NIST radio clock, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal has a range of up to 2,000 miles. However, due to the nature of the Earth's ionosphere, reception is very limited during daylight hours. The clock will search for a signal every night on weekdays. The WWVB radio clock derives its signal from the NIST atomic clock in Boulder, Colorado. A team of atomic physicists continually measures every second of every day to an accuracy of ten billionths of a second a day. These physicists have</p>	<p>La Crosse 513-1211 Atomic Digital Clock User Manual</p> <p>Comprehensive user guide for the La Crosse 513-1211 Atomic Digital Clock, covering features, setup, WWVB radio time synchronization, manual time setting, alarm functions, temperature monitoring, specifications, care instructions, and warranty information.</p>
 <p>LA CROSSE TECHNOLOGY</p> <p>Model 513-1311OTN Instruction Manual DC: 060151</p> <p>Large Atomic Digital Wall Clock with Indoor/Outdoor Temperature and Date</p> <p>Time, Alarm, Time Zone - WWVB Reception Icon</p> <p>Indoor Temperature, Month, Date, Weekday - Outdoor Temperature</p> <p>Battery Compartment</p> <p>3.1" 12" batteries</p>	<p>La Crosse 513-1311OTN Large Atomic Digital Wall Clock with Indoor/Outdoor Temperature - Instruction Manual</p> <p>Detailed instruction manual for the La Crosse 513-1311OTN Atomic Digital Wall Clock. Covers setup, time setting, alarm functions, temperature display, time zone selection, WWVB radio-controlled time, sensor pairing, alerts, and troubleshooting. Includes specifications and warranty information.</p>
 <p>LA CROSSE TECHNOLOGY</p> <p>Model 513-1311OTN Instruction Manual DC: 060151</p> <p>Large Atomic Digital Wall Clock with Indoor/Outdoor Temperature and Date</p> <p>Time, Alarm, Time Zone - WWVB Reception Icon</p> <p>Indoor Temperature, Month, Date, Weekday - Outdoor Temperature</p> <p>Battery Compartment</p> <p>3.1" 12" batteries</p>	<p>La Crosse 513-1311OTN Atomic Digital Wall Clock - Indoor/Outdoor Temperature & WWVB Time</p> <p>Instruction manual for the La Crosse 513-1311OTN Large Atomic Digital Wall Clock. Learn how to set time, alarm, temperature alerts, and use the KW9177T outdoor sensor. Features include WWVB radio-controlled time and indoor/outdoor temperature display.</p>

 <p>La Crosse Technology Atomic Projection Alarm Clock with Indoor/Outdoor Temperature</p> <p>SET UP GUIDE MODEL 616-146v4</p>	<p>La Crosse Technology 616-146v4 Atomic Projection Alarm Clock Setup Guide</p> <p>Comprehensive setup guide for the La Crosse Technology 616-146v4 Atomic Projection Alarm Clock, detailing power-up, time setting, alarm functions, and troubleshooting for indoor/outdoor temperature monitoring.</p>
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