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- › [La Crosse Technology](#) /
- › [La Crosse Technology 404-89027-INT 18-inch Indoor/Outdoor Atomic Analog Wall Clock User Manual](#)

La Crosse Technology 404-89027-INT

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18-INCH INDOOR/OUTDOOR ATOMIC ANALOG WALL CLOCK USER MANUAL

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your La Crosse Technology 404-89027-INT 18-inch Indoor/Outdoor Atomic Analog Wall Clock. Please read this manual thoroughly before using your clock to ensure optimal performance and longevity.

The 404-89027-INT model is designed for both indoor and outdoor use, featuring a durable, weather-resistant construction. It includes accurate atomic time reception, temperature, and humidity displays, and is designed for a long battery life.



Image: Front view of the La Crosse Technology 18-inch Indoor/Outdoor Atomic Analog Wall Clock, showcasing its large numbers, minute and hour hands, and integrated temperature and humidity gauges.

Product Features

- **Automatic Time Updates:** The Atomic Time Feature conveniently allows the clock to sync with the WWVB radio transmission from Fort Collins, CO, for accurate time updates.
- **Durable Design:** Features a distinctive soft linen textured dial, premium black metal hands, and a stylish frame with a dark bronze metallic finish.
- **Indoor/Outdoor Use:** Durable, weather-resistant construction allows for placement indoors or outdoors.
- **Integrated Gauges:** Accurately measures local temperature and humidity values.
- **Extended Battery Life:** Designed for up to 5 years of operation with quality batteries.



Image: A close-up of the clock face, emphasizing the 'Atomic Time' label and a graphic indicating automatic time synchronization, along with a note about Daylight Saving Time updates.

Setup

1. Battery Installation

1. Remove the battery cover on the back of the clock by twisting it counter-clockwise to the 'OPEN' position.
2. Insert one fresh, brand-name standard 1 AA alkaline battery according to the polarity marked on the case. For extended battery life (up to 5 years), insert two additional 'AA' batteries into the designated compartments.
3. Replace the battery cover by twisting it clockwise to the 'CLOSE' position.

2. Initial Time Synchronization

After battery installation, the clock hands will move to the 4, 8, or 12 o'clock position and pause while it searches for the WWVB Atomic Time Signal. This process can take up to 5 nights for the clock to receive the transmission. For best reception, position the clock on an exterior wall that faces Fort Collins, Colorado. Once the Atomic Time Signal is received, the clock will initially set to Pacific Time.

3. Setting Your Time Zone

On the back of the clock, locate the time zone switch. Slide the switch to your correct time zone (P-Pacific, M-Mountain, C-Central, E-Eastern). Firmly press and hold your correct Time Zone Button until the hands begin to spin. The time will then set correctly.

Note: Keep the clock at least 5 feet away from electronic devices, which could emit electrical frequencies that disrupt radio-controlled signal reception.

4. Mounting

The clock features an easy-mount hanging hole on the back. Securely hang the clock on a wall using an appropriate fastener for your wall type.



Image: A detailed diagram of the back of the clock, illustrating the battery compartments (requiring 1 AA, with an option for 2 additional AA batteries for extended life), time zone buttons, and the easy mounting hanging hole.

Video: Product Overview Video. This video provides a general overview of the clock's features and design, including its suitability for indoor and outdoor environments.

Operating Instructions

1. Atomic Time Synchronization

The clock automatically synchronizes with the WWVB atomic time signal from Fort Collins, Colorado. This

ensures precise timekeeping, accurate to the second. The clock will automatically adjust for Daylight Saving Time (DST) if the DST switch on the back is set to 'ON'.

2. Temperature and Humidity Readings

The integrated gauges on the clock face display the current ambient temperature and relative humidity. These are analog readings and provide a general indication of environmental conditions.



Image: A close-up view of the clock's face, specifically detailing the temperature and humidity gauges, along with the durable plastic frame with a dark bronze metallic finish and soft linen textured dial background.

Maintenance

1. Battery Replacement

When the clock hands start acting erratically or stop moving, it is a good indication that the batteries are low. Replace all batteries with fresh, brand-name standard 1 AA alkaline batteries (and two additional AA batteries if using the extended life option). Ensure the expiration date on the batteries is at least 7 years in advance of the current year, or that they test at least 1.48V on a voltmeter for best performance. Do not use rechargeable or heavy-duty batteries, as they can cause inconsistent electrical current.

2. Cleaning

To clean the clock, use a soft, damp cloth. Avoid abrasive cleaners or chemicals that may damage the finish or the clock face.

Troubleshooting

1. Factory Restart

1. Remove all batteries from the clock.
2. Press the MANUAL Set button at least 20 times to remove residual electricity and allow proper shut-down for 15 minutes.
3. Insert fresh, brand-name standard 1 AA alkaline battery (and two additional AA batteries if applicable) according to the polarity marked on the case.
4. The hands will move to the 4, 8, or 12 o'clock position and stay there while it searches for the WWVB Atomic Time Signal (Allow up to 5 nights for the clock to receive this transmission).
5. Position the clock on an exterior wall that faces Fort Collins, Colorado, for optimal signal reception.
6. Once the Atomic Time Signal is received, the clock will set to Pacific Time. Firmly press and hold your correct Time Zone Button until the hands begin to spin. The time will then set correctly.

2. Spinning Hands / Incorrect Time

- The primary cause for erratic hand movement or incorrect time is often low or over-powered batteries. Discard weak batteries.
- Use only brand-name, standard alkaline batteries. Ensure the expiration date is at least 7 years in advance of the current year, or that batteries test at least 1.48 volts on a voltmeter for best performance.
- If the issue persists after replacing batteries and performing a factory restart, contact customer support.

Video: 18 Inch Large Outdoor Clock Waterproof. This video demonstrates the clock's weather-resistant features and its suitability for outdoor environments.

Specifications

Brand	La Crosse Technology
Model Number	404-89027-INT
Product Dimensions	18"W x 18"H
Item Weight	3.8 Pounds
Color	Brown (Dark Bronze Metallic Finish)
Display Type	Analog
Operation Mode	Atomic
Special Features	Daylight Saving, Humidity Display, Temperature Display
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Battery Powered (1 AA required, 3 AA for 5-year life)

Frame Material	Metal
Mounting Type	Wall Mount

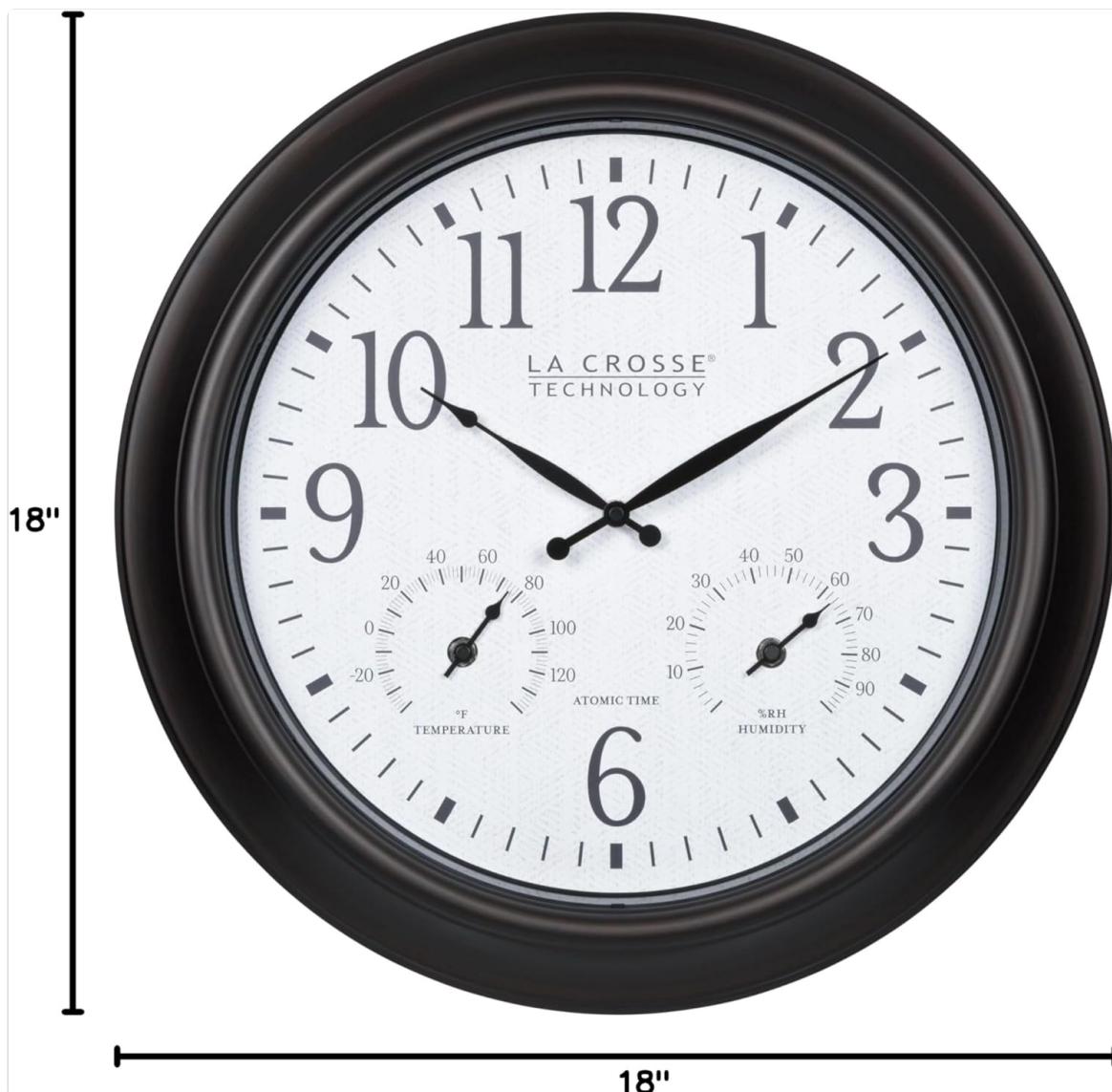


Image: A visual representation of the clock's dimensions, indicating it is 18 inches in both width and height.

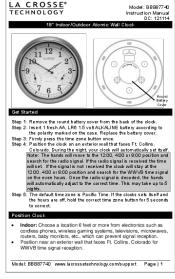
Warranty and Support

This La Crosse Technology clock comes with a **1-Year Warranty**.

For additional support, resources, or video tutorials, please visit the La Crosse Technology website or contact their USA-based support team. Contact information can typically be found in the product packaging or on the official La Crosse Technology website.

Related Documents - 404-89027-INT

	<p>18" Indoor/Outdoor Atomic Wall Clock WT-3181PL La Crosse Technology</p> <p>User manual and specifications for the La Crosse Technology 18-inch Indoor/Outdoor Atomic Wall Clock (Model WT-3181PL). Includes warranty information, setup instructions, battery replacement, manual time setting, thermometer/hygrometer details, and product specifications.</p>
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	<p><u>La Crosse Technology 12.8-inch Atomic Analog Wall Clock - Model 404-53707 - Setup & Manual</u> Official manual and specifications for the La Crosse Technology 12.8-inch Atomic Analog Wall Clock (Model 404-53707). Learn how to power up, set time, and care for your atomic clock.</p>
	<p><u>La Crosse Technology Radio Controlled Analog Clock: Instruction Manual & Setup Guide</u> Detailed instruction manual for the La Crosse Technology Radio Controlled Analog Clock, providing comprehensive guidance on setup, time zone selection, manual time setting, temperature and humidity features, troubleshooting, and warranty information.</p>
	<p><u>La Crosse Technology BBB87740 18-Inch Indoor/Outdoor Atomic Wall Clock Instruction Manual</u> Instruction manual for the La Crosse Technology BBB87740 18-inch atomic wall clock, covering setup, positioning, manual time setting, temperature/humidity features, DST, signal interference, troubleshooting, care, and warranty information.</p>
	<p><u>La Crosse C89201 Multi-Color Atomic Alarm Clock: User Manual & Features</u> Comprehensive guide for the La Crosse C89201 Multi-Color Atomic Alarm Clock, covering setup, features, functions, specifications, and maintenance. Learn about atomic time synchronization, temperature, humidity, moon phase, and USB charging.</p>
	<p><u>La Crosse Technology 14" Ultratomic Wall Clock User Manual</u> User manual for the La Crosse Technology 14" Ultratomic Wall Clock (Model 404-1235UA-PL/SS). Includes setup instructions, manual time setting, features like Eco-Mode and low battery indication, atomic time reception details, warranty information, and care instructions.</p>