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› [LFF Atomic Clock 4.5" Numbers, Atomic Wall Clock with Indoor & Outdoor Temperature ,Never Needs Setting, Battery Operated, Date, Time, Wireless Outdoor Sensor, Jumbo Display Easy to Read Silver](#)

**LFF LWC215**

# LFF Atomic Wall Clock Instruction Manual

MODEL: LWC215

## Introduction

The LFF Atomic Wall Clock with Jumbo Display (Model LWC215) is designed for clear visibility and precise timekeeping. It automatically adjusts time and date via atomic signal and provides both indoor and outdoor temperature readings. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your device.



Image: LFF Atomic Clock with its accompanying outdoor sensor.

## What's Included

- 1 x LFF Atomic Wall Clock (Model LWC215)
- 1 x Wireless Outdoor Sensor
- 1 x User Manual

## Setup

### 1. Battery Installation

The atomic clock requires 4 AA batteries (not included), and the wireless outdoor sensor requires 2 AAA batteries (not included). Ensure batteries are inserted with correct polarity.

# EASY TO SET

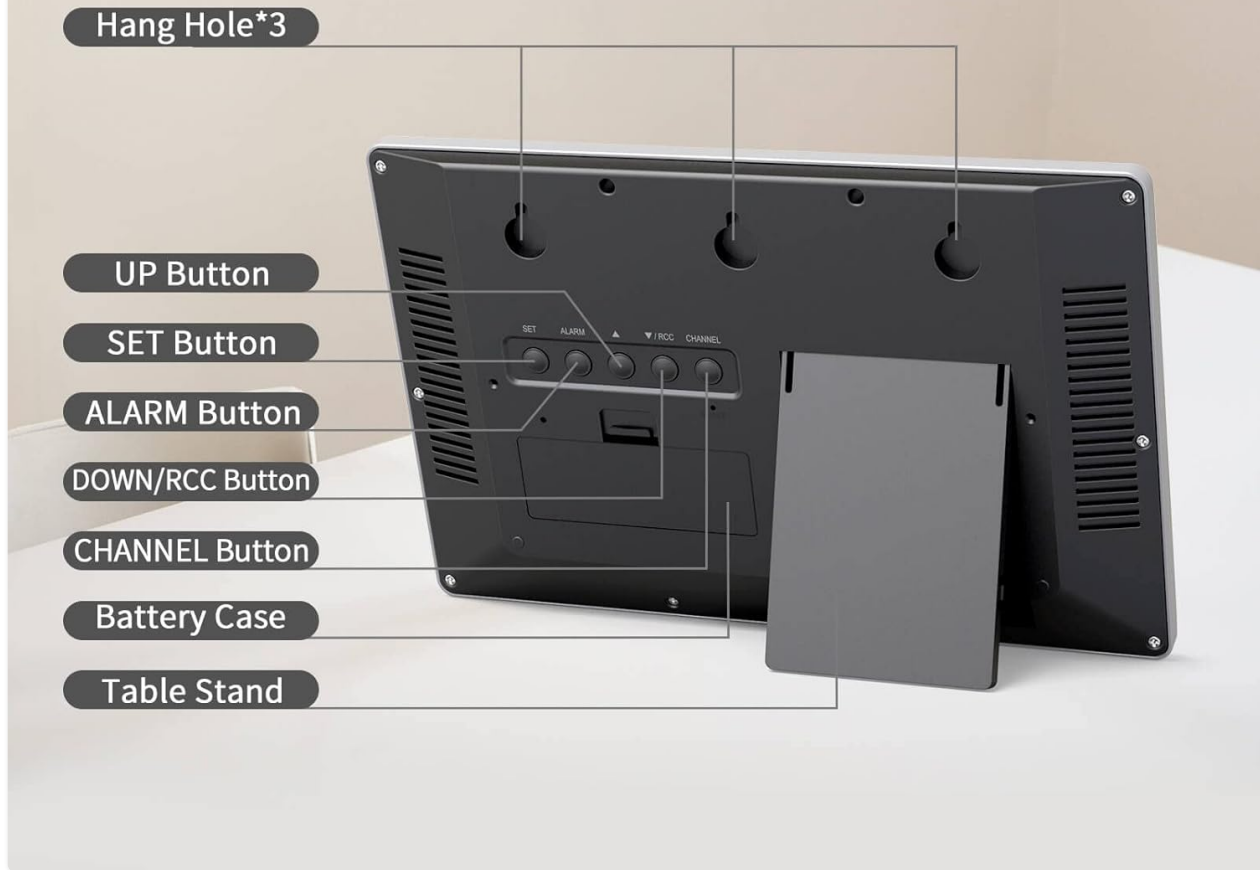


Image: Rear view of the clock showing battery compartments for 4 AA batteries.

## 2. Initial Pairing and Time Setting

After inserting batteries into both the clock and the outdoor sensor, place them together for approximately 15 minutes to establish a strong connection. The clock will automatically begin searching for the WWVB atomic signal to set the time and date. This process typically occurs overnight (1:00 AM, 2:00 AM, 3:00 AM, 4:00 AM, 5:00 AM) and the signal icon will become solid upon successful connection.

You can manually set the time zone (EST, CST, MST, PST, AKT, HST), language, date, time, RCC reception, alarm clock, and reception channel (Default channel 1) using the buttons on the back of the unit if automatic synchronization is not immediately successful or preferred.

Your browser does not support the video tag.

Video: This video demonstrates the initial setup and pairing process for the LFF Atomic Clock and its outdoor sensor.

## 3. Placement

The clock offers dual installation methods: a table stand for desk placement or hang holes for wall mounting. For the outdoor sensor, place it in an area protected from direct rain and sunlight to ensure accurate temperature readings. The transmission range is up to 328ft (100M) in an open area.



Image: Illustration of the wireless transmission range between the clock and the outdoor sensor.

## Operating Instructions

### Display Features

The large LCD screen displays the following information:

- **Time:** 12 / 24 hour format.
- **Date:** Month and day.
- **Day of the Week:** Full day name.
- **Indoor Temperature:** Displayed in °F / °C.
- **Outdoor Temperature:** Received from the wireless sensor, displayed in °F / °C.
- **Alarm:** Alarm icon indicates active alarm.
- **DST:** Daylight Saving Time indicator.
- **RCC Reception Icon:** Indicates atomic signal reception status.



Image: Close-up of the clock display highlighting various functions like time, temperature, and date.

## Setting the Alarm

To set the alarm, press and hold the 'ALARM' button on the back of the clock. Use the UP/DOWN buttons to adjust the alarm time, then press 'SET' to confirm. Press 'ALARM' again to turn the alarm ON/OFF.

## Adjusting Time Zone and DST

To adjust the time zone or turn Daylight Saving Time (DST) on/off, press and hold the 'SET' button for 2 seconds to enter setting mode. Follow the prompts to select your desired time zone and DST setting. Press 'SET' to confirm each selection.

## Maintenance

- **Battery Replacement:** Replace batteries in both the main clock unit and the outdoor sensor when the display dims or becomes erratic. For temperatures below -4°F, lithium batteries are recommended for the outdoor sensor.
- **Cleaning:** Wipe the clock and sensor with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Outdoor Sensor Care:** While the outdoor sensor has an IPX4 splash-proof rating, it is best to place it in a sheltered location to protect it from direct heavy rain and prolonged exposure to sunlight.



## Troubleshooting

- **No Atomic Signal (RCC) Reception:**
  - Ensure the clock is placed near a window or an outside wall, away from electronic devices that may cause interference.
  - Manually initiate RCC reception by pressing and holding the 'RCC' button on the back of the clock.
  - Verify the correct time zone is selected.
- **Outdoor Temperature Not Displaying or Incorrect:**
  - Ensure both the clock and sensor have fresh batteries.
  - Verify the outdoor sensor is set to Channel 1 (default) and the clock is also receiving on Channel 1. You can cycle through channels on the clock using the 'CHANNEL' button.
  - Press and hold the 'RCC' button on the back of the clock for a few seconds to force a re-scan for the sensor signal.
  - Ensure the sensor is within the 328ft (100M) transmission range and free from major obstructions.
- **Display is Dim or Blank:**
  - Replace all batteries in both units.
  - Note that the clock does not have a backlight display.

## Specifications

Feature	Detail
Brand	LFF
Model Number	LWC215
Color	Silver
Display Type	Digital
Product Dimensions	14.2"W x 9.4"H
Power Source	Battery Powered (4 AA for clock, 2 AAA for sensor)
Special Features	Large Display, Multiple Time Zone, Temperature Display, Atomic, Calendar Display
Indoor/Outdoor Usage	Indoor (Clock), Outdoor (Sensor)
Material	Plastic
Mounting Type	Wall Mount, Table Stand
Item Weight	1 Pound
Outdoor Sensor Waterproof Rating	IPX4 (Splash-proof)

## Warranty and Support

For any quality problems or technical assistance, please contact LFF support directly. We are committed to ensuring your satisfaction with our products.

**Support Email:** [support@lfftech.com](mailto:support@lfftech.com)

## Related Documents - LWC215

 <p>LFF ATOMIC DIGITAL WALL CLOCK WITH OUTDOOR TEMPERATURE Ref.: LDC076 -USER MANUAL-</p>	<p><a href="#">LFF Atomic Digital Wall Clock with Outdoor Temperature User Manual (LDC076)</a></p> <p>User manual for the LFF LDC076 Atomic Digital Wall Clock. Learn about its features, setup, time setting, alarm functions, specifications, and placement guidelines.</p>
 <p>LFF DIGITAL ATOMIC WALL CLOCK WITH JUMBO DISPLAY Ref.: LWC100 -USER MANUAL-</p>	<p><a href="#">LFF LWC100 Digital Atomic Wall Clock with Jumbo Display User Manual</a></p> <p>Comprehensive user manual for the LFF LWC100 Digital Atomic Wall Clock with Jumbo Display, covering setup, features, specifications, and placement guidelines.</p>
 <p>LFF ATOMIC DIGITAL WALL CLOCK Ref.: LDC542 -USER MANUAL-</p>	<p><a href="#">LFF LDC542 Atomic Digital Wall Clock User Manual - Time, Alarm, Temperature, Humidity Settings</a></p> <p>Comprehensive user manual for the LFF LDC542 Atomic Digital Wall Clock. Learn how to set time, alarms, temperature units, and understand features like atomic clock reception and low battery indication.</p>
 <p>LFF DIGITAL ATOMIC WALL CLOCK WITH JUMBO DISPLAY Ref.: LWC215 -USER MANUAL-</p>	<p><a href="#">LFF LWC215 Digital Atomic Wall Clock with Jumbo Display User Manual</a></p> <p>User manual for the LFF LWC215 Digital Atomic Wall Clock with Jumbo Display. Includes setup, features, safety instructions, specifications, and FCC information.</p>
 <p>LFF WIRELESS WEATHER STATION Ref.: LWS181 -USER MANUAL-</p>	<p><a href="#">LFF LWS181 Wireless Weather Station User Manual</a></p> <p>User manual for the LFF LWS181 Wireless Weather Station, detailing its features, setup, operation, and specifications for indoor and outdoor temperature, humidity, and barometric pressure monitoring.</p>



[LFF LWS125 Wireless Weather Station User Manual](#)

Comprehensive user manual for the LFF LWS125 Wireless Weather Station, detailing setup, features, operation, and specifications for accurate indoor and outdoor environmental monitoring.