

## LFF LWC204-TEMU

# LFF Atomic Clock LWC204-TEMU Instruction Manual

Model: LWC204-TEMU

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your LFF Atomic Clock LWC204-TEMU. This digital wall clock features a large LCD display, atomic time synchronization, indoor and outdoor temperature readings, and date display. Please read this manual thoroughly before using the device to ensure proper function and longevity.

## PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact customer support.

- Clock Unit (Main Display)
- Instruction Manual (This Document)
- Outdoor Temperature Sensor
- Mounting Hardware (Screws, Wall Anchors)
- Power Adapter (for optional continuous power)

*Note: Batteries are not included and must be purchased separately. The main clock unit requires 3x AA batteries, and the outdoor sensor requires 2x AAA batteries.*

## PRODUCT FEATURES

- Large LCD Digital Display for easy readability
- Atomic Clock (RCC) for precise time synchronization
- Indoor Temperature display (°C/°F)
- Outdoor Temperature display (°C/°F) with wireless sensor

- Date and Weekday display
- Alarm Clock function with snooze
- Daylight Saving Time (DST) symbol
- Supports up to 3 outdoor remote sensors (one included)
- Wireless range of up to 330 feet (100 meters)

## PRODUCT OVERVIEW

Familiarize yourself with the main display and control buttons of your LFF Atomic Clock.



**Image:** Front and back view of the LFF Atomic Clock. The front display shows time, indoor temperature, date, weekday, and outdoor temperature, along with icons for alarm, RCC reception, and DST. The back panel highlights the 'SET', 'ALARM', 'CHANNEL', 'DOWN/WAVE/°C/°F', and 'UP/ALARM' buttons.

### Display Elements:

- **Time Display:** Shows current time (HH:MM).
- **PM Indicator:** Appears for afternoon hours.
- **DST Symbol:** Indicates Daylight Saving Time is active.
- **RCC Reception Icon:** Shows status of atomic clock signal reception.
- **Alarm Clock Icon:** Indicates alarm is set.
- **Indoor Temperature:** Current temperature inside (°C/°F).

- **Date/Month/Weekday:** Current date and day of the week.
- **Outdoor Temperature:** Current temperature from the wireless sensor (°C/°F).

### Control Buttons (Rear Panel):

- **SET Button:** Enters setup mode for time, date, and other settings.
- **ALARM Button:** Activates/deactivates the alarm and enters alarm setting mode.
- **CHANNEL Button:** Switches between outdoor sensor channels (if multiple sensors are used).
- **DOWN/WAVE/°C/°F Button:** Decreases values during setting, manually initiates atomic signal search (WAVE), and switches temperature units.
- **UP/ALARM Button:** Increases values during setting, and can also activate/deactivate alarm.

## SETUP

### 1. Battery Installation

The clock unit and outdoor sensor require batteries for operation. Ensure correct polarity (+/-) when inserting batteries.

- **Main Clock Unit:** Open the battery compartment on the back and insert 3x AA batteries (not included).
- **Outdoor Sensor:** Open the battery compartment and insert 2x AAA batteries (not included).

**Large Display with Big Numbers,  
Easy to Read, Battery Operated**

8.66in  
7.48in  
7.48in  
3.15in  
1.57in  
7.48in  
1.57in  
4.72in

**3 x AA batteries (not included)**

**2 x AAA batteries (not included)**

**Image:** This image illustrates the battery requirements for the LFF Atomic Clock. The main clock unit requires three AA batteries, and the wireless outdoor sensor requires two AAA batteries. Batteries are not included with the product.

Alternatively, the main clock unit can be powered continuously using the included power adapter. Insert the adapter into the DC port on the back of the clock.

## 2. Initial Synchronization (Atomic Clock)

After inserting batteries, the clock will automatically attempt to synchronize with the atomic time signal (RCC). This process may take several minutes to several hours, depending on your location and signal strength. The RCC reception icon will flash during synchronization and become solid when a stable signal is received.

- For best reception, place the clock near a window and away from electronic devices that may cause interference.
- To manually initiate an atomic signal search, press and hold the **DOWN/WAVE/°C/°F** button for a few seconds.

## 3. Outdoor Sensor Placement

Place the outdoor sensor in a shaded, dry location, protected from direct sunlight and precipitation, to ensure accurate temperature readings. The sensor should be within the 330ft (100m) wireless range of the main clock unit.

# 330FT/100M Wireless Range



- 1 With just a glance to know the day, week, time, date, indoor outdoor temp.
- 2 Support up to 3 outdoor remote sensor. (The package includes only one sensor.)

**Image:** This image demonstrates the wireless range and ideal placement for the LFF Atomic Clock's outdoor sensor. The sensor should be placed outdoors, within 330 feet (100 meters) of the main unit, and in a location that allows for

clear signal transmission, such as mounted on an exterior wall.

- Ensure the sensor is mounted vertically to allow for proper drainage.
- Avoid placing the sensor near heat sources (e.g., vents, windows) or reflective surfaces that could affect temperature accuracy.
- The clock supports up to 3 outdoor sensors. If using multiple sensors, press the **CHANNEL** button on the main unit to cycle through them.

## OPERATING INSTRUCTIONS

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### 1. Manual Time and Date Setting

If the atomic clock signal is not available or you prefer to set the time manually:

1. Press and hold the **SET** button for 3 seconds to enter time setting mode. The hour digit will flash.
2. Use the **UP/ALARM** or **DOWN/WAVE/°C/°F** buttons to adjust the flashing value.
3. Press **SET** again to confirm and move to the next setting (e.g., Minute, Year, Month, Day, Time Zone, 12/24-hour format).
4. Repeat steps 2 and 3 until all settings are configured.
5. Press **SET** one last time or wait 15 seconds for the clock to exit setting mode automatically.

### 2. Setting the Alarm

1. Press the **ALARM** button once to display the alarm time.
2. Press and hold the **ALARM** button for 3 seconds to enter alarm setting mode. The hour digit will flash.
3. Use the **UP/ALARM** or **DOWN/WAVE/°C/°F** buttons to adjust the hour.
4. Press **ALARM** again to confirm the hour and move to the minute setting.
5. Use the **UP/ALARM** or **DOWN/WAVE/°C/°F** buttons to adjust the minute.
6. Press **ALARM** one last time to confirm and exit alarm setting mode.

To activate or deactivate the alarm, press the **ALARM** button briefly when the current time is displayed. The alarm icon will appear or disappear on the display.

### 3. Temperature Unit Selection (°C/°F)

To switch between Celsius and Fahrenheit for temperature display, press the **DOWN/WAVE/°C/°F** button briefly during normal time display.

### 4. Daylight Saving Time (DST)

The clock is designed to automatically adjust for Daylight Saving Time if the atomic signal is received. A DST icon will appear on the display when DST is active.

### 5. Large Display Readability

Large **LCD Screen** with **Clear Digital** Display  
even old people with poor eyesight can easily read  
the **Time, Day, Date** and **Temperature**  
from across the room.



**Image:** This image highlights the large LCD screen of the LFF Atomic Clock, demonstrating its clear digital display. The large numbers for time, day, date, and temperature are easily readable from a distance, enhancing user convenience.

The LFF Atomic Clock features a large LCD screen with clear digital numbers, designed for easy readability of time, day, date, and temperature from various distances.

## MAINTENANCE

- **Cleaning:** Wipe the clock and sensor with a soft, dry cloth. Do not use abrasive cleaners or chemicals.
- **Battery Replacement:** Replace batteries in both the main unit and outdoor sensor when the low battery indicator appears on the display. Always replace all batteries at once with new ones of the same type.
- **Storage:** If storing the clock for an extended period, remove all batteries to prevent leakage.

## TROUBLESHOOTING

Problem	Possible Solution
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Problem	Possible Solution
No display on clock unit.	Check battery installation (polarity, charge). Ensure power adapter is securely connected if used.
Time is incorrect or not synchronizing.	Ensure the clock is placed near a window, away from interference. Manually initiate atomic signal search (press and hold <b>DOWN/WAVE/°C/°F</b> ). Check time zone setting.
Outdoor temperature not displayed or inaccurate.	Check batteries in the outdoor sensor. Ensure sensor is within range (330ft/100m) and not obstructed. Press <b>CHANNEL</b> button to re-establish connection. Relocate sensor to a shaded, dry area.
Alarm does not sound.	Ensure the alarm is activated (alarm icon visible). Check alarm time setting.

## SPECIFICATIONS

- **Model Number:** LWC204-TEMU
- **Brand:** LFF
- **Display Type:** Digital LCD
- **Power Source (Main Unit):** 3x AA Batteries (not included) or Power Adapter (included)
- **Power Source (Outdoor Sensor):** 2x AAA Batteries (not included)
- **Special Feature:** Alarm, Atomic Time (RCC), Indoor/Outdoor Temperature
- **Color:** Black
- **Product Dimensions:** 8.7 x 1.5 x 7.5 inches (22.1 x 3.8 x 19.1 cm)
- **Item Weight:** 1.3 pounds (0.59 kg)
- **Wireless Range:** Up to 330 feet (100 meters)
- **UPC:** 799849203702

## WARRANTY AND SUPPORT

LFF products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official LFF website. Keep your purchase receipt as proof of purchase for any warranty claims.