MARATHON CL030027-FD-WD

MARATHON Slim Atomic Wall Clock with Full Calendar and Indoor/Outdoor Temperature

Model: CL030027-FD-WD

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your MARATHON Slim Atomic Wall Clock, Model CL030027-FD-WD. This digital clock features a large, easy-to-read display, full calendar, and monitors both indoor and outdoor temperatures. It utilizes atomic time synchronization for accurate timekeeping.

PRODUCT OVERVIEW

The MARATHON CL030027-FD-WD is a versatile atomic wall clock designed for clear visibility and accurate information. Key features include:

- **Large, Legible Display:** 2-inch high digits for time, ensuring easy readability from a distance.
- **Atomic Time Synchronization:** Automatically sets and adjusts time using radio frequencies from NIST's Colorado Atomic Clock.
- **Full Calendar Display:** Shows the day of the week, month, and date.
- **Indoor/Outdoor Temperature:** Displays temperature in Celsius or Fahrenheit, with an included wireless outdoor sensor.
- **Multiple Time Zones:** Supports 8 different time zones with an option to manage Daylight Saving Time.
- **Mounting Options:** Can be wall-mounted or displayed on a desktop using its built-in foldable stand.

Image: The MARATHON Slim Atomic Wall Clock displaying time, day, date, and indoor/outdoor temperatures, alongside its wireless outdoor sensor.

PACKAGE CONTENTS

Please ensure all items are present before proceeding with setup:

- MARATHON Slim Atomic Wall Clock (Model CL030027-FD-WD)
- Wireless Outdoor Temperature Sensor
- 4 x AA Batteries (for clock and sensor)
- Instruction Manual (this document)

SETUP INSTRUCTIONS

1. Battery Installation

1. **For the Main Clock:** Open the battery compartment on the back of the clock. Insert the specified AA batteries, observing the correct polarity (+/-).

2. **For the Outdoor Sensor:** Open the battery compartment on the back of the wireless sensor. Insert the specified AA batteries, observing the correct polarity (+/-).

3. Close both battery compartments securely.

Note: It is recommended to insert batteries into the outdoor sensor first, then into the main clock, to ensure proper synchronization.

2. Initial Power-Up and Atomic Time Synchronization

Upon battery installation, the clock will automatically begin searching for the atomic time signal (WWVB) and the outdoor sensor signal. This process may take several minutes to several hours, depending on your location and environmental conditions.

- Place the clock near a window for better signal reception during initial setup.
- A signal icon (often resembling a radio tower or waves) will appear on the display when the atomic signal is being received.
- Once synchronized, the time, date, and day will automatically set.
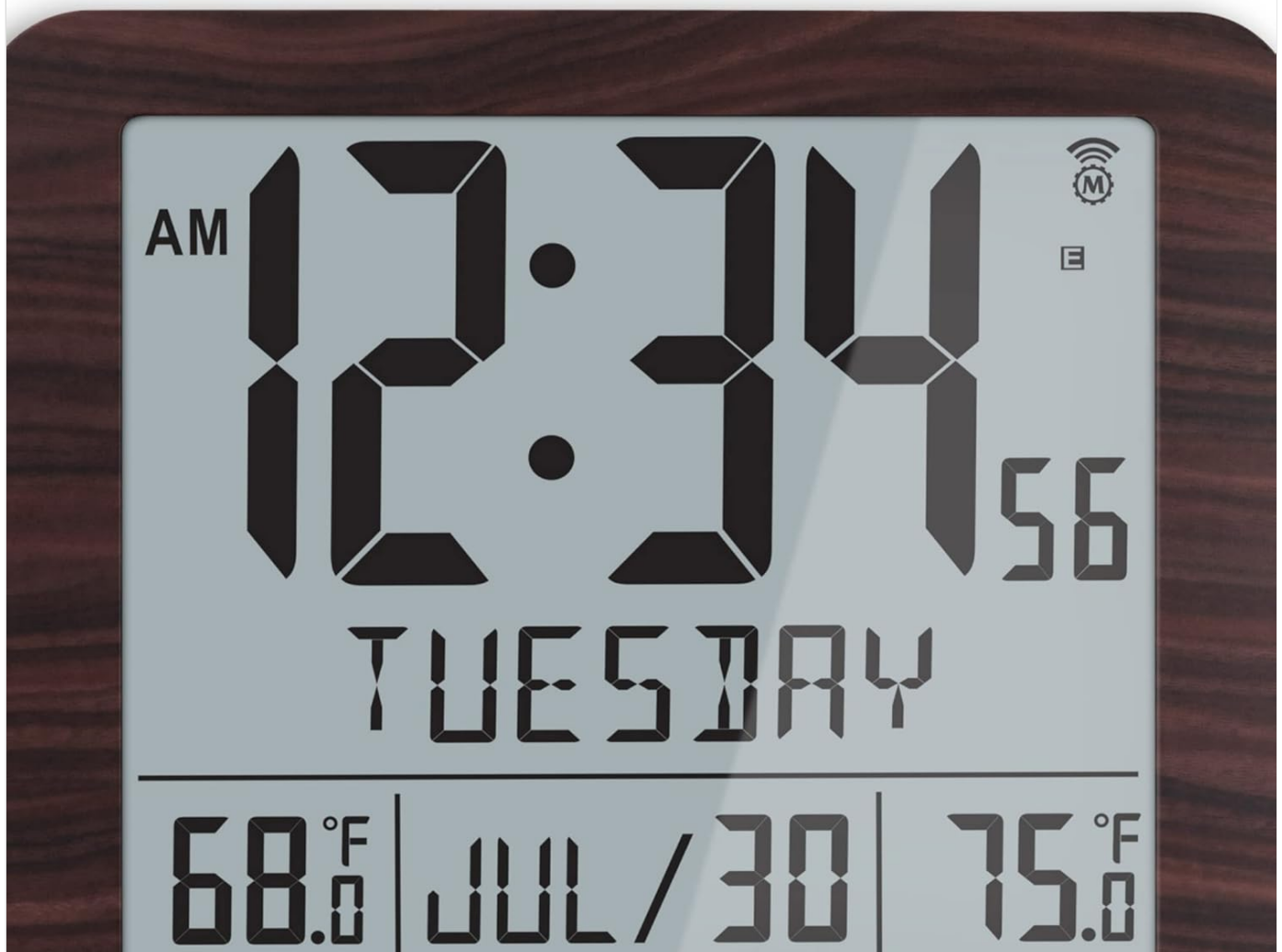

Image: Illustration highlighting the self-setting feature of the clock upon battery insertion.

3. Outdoor Sensor Placement

For accurate outdoor temperature readings, position the wireless sensor in a sheltered location outside, away from direct sunlight

and precipitation. Ensure it is within the transmission range of the main clock (typically up to 100 feet/30 meters, line of sight).

- Avoid placing the sensor near large metal objects or electrical appliances that may interfere with the signal.
- If the outdoor temperature does not display, press the "Sensor" or "Channel" button on the main clock (if available) to re-establish connection, or re-insert batteries in both units.

4. Mounting Options

- **Wall Mount:** Use the integrated keyhole slots on the back of the clock to hang it on a screw or nail securely fastened to a wall.
- **Desktop Display:** Extend the built-in foldable stand on the back of the clock to place it on a flat surface.
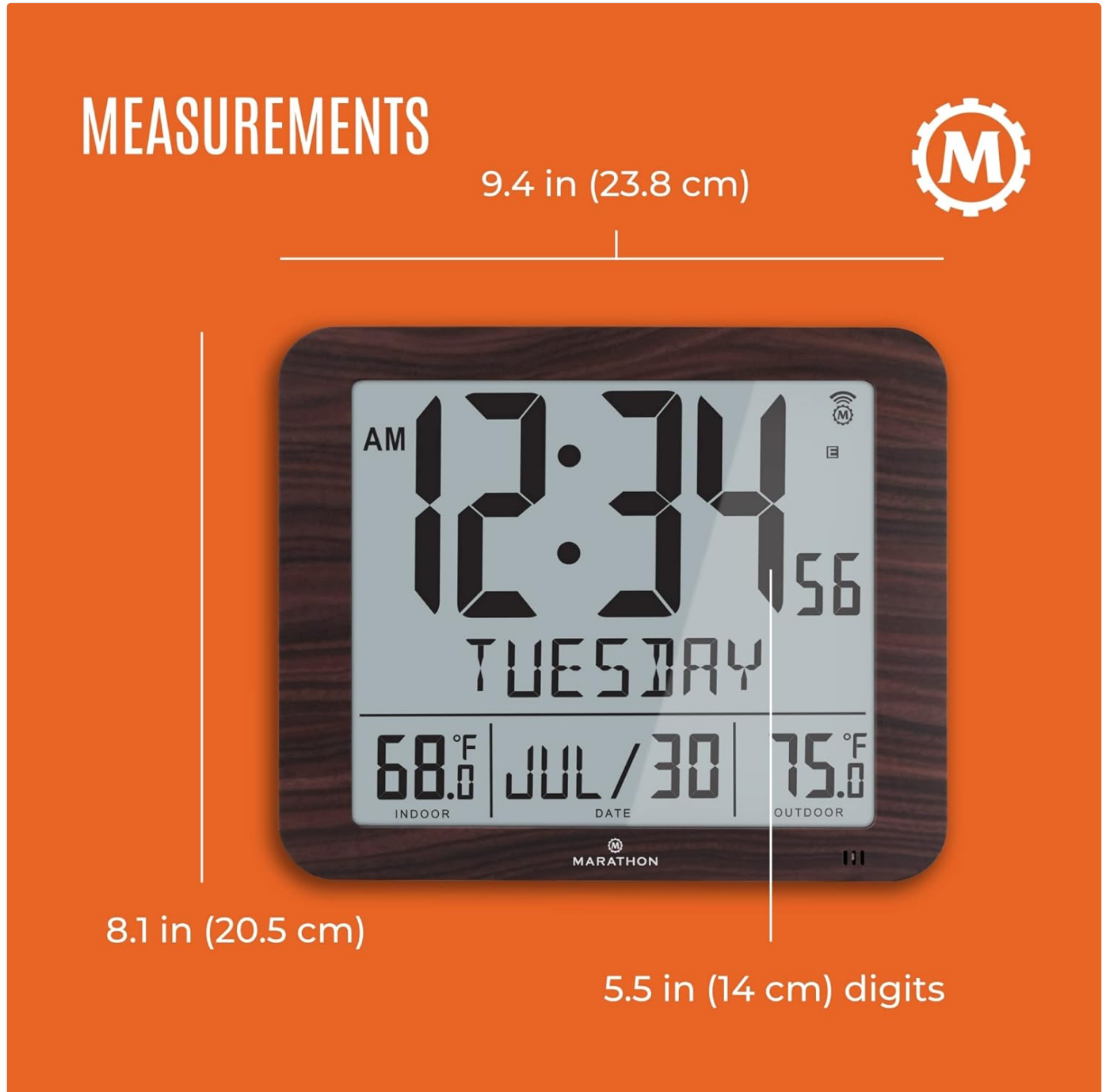

Image: The clock highlighting its versatility with both wall-mount and built-in table stand options.

OPERATING INSTRUCTIONS

1. Setting Time Zone

After atomic synchronization, you may need to adjust the time zone. Locate the "TIME ZONE" or "ZONE" button on the back of the clock. Press this button repeatedly to cycle through the available 8 time zones until your local time zone is displayed.

2. 12/24 Hour Format Selection

To switch between 12-hour (AM/PM) and 24-hour (military) time formats, locate the "12/24H" button on the back of the clock and press it once.

3. Temperature Unit Selection (Celsius/Fahrenheit)

To change the temperature display between Celsius (°C) and Fahrenheit (°F), locate the "°C/°F" button on the back of the clock and press it once.

4. Daylight Saving Time (DST) On/Off

The clock typically adjusts for DST automatically. However, if you reside in an area that does not observe DST, or if you wish to manually override this feature, locate the "DST" button on the back of the clock and press it to toggle the function on or off.

5. Manual Time Setting (If Atomic Sync is Unavailable)

In areas where the atomic signal is weak or unavailable, you can manually set the time and date:

1. Press and hold the "SET" or "MODE" button until the time display begins to flash.
2. Use the "+" or "-" buttons to adjust the flashing digit (e.g., hour, minute).
3. Press "SET" or "MODE" again to confirm the setting and move to the next adjustable parameter (e.g., minute, year, month, day).
4. Repeat until all desired settings are configured, then press "SET" or "MODE" one last time to exit manual setting mode.

DISPLAY INFORMATION

The clock's display is designed to provide all essential information at a glance:

- **Time:** Large digits display the current time (hours, minutes, seconds). AM/PM indicator for 12-hour format.
- **Day of the Week:** Full day name (e.g., TUESDAY).
- **Date:** Month and day (e.g., JUL/30).
- **Indoor Temperature:** Current temperature measured by the main clock unit.
- **Outdoor Temperature:** Current temperature received from the wireless outdoor sensor.
- **Atomic Signal Indicator:** Icon indicating successful atomic time synchronization.

Image: A detailed view of the clock's dynamic display, showing time, day, date, and both indoor and outdoor temperatures.

MAINTENANCE

- **Cleaning:** Wipe the clock and sensor with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace all batteries in both the main clock and the outdoor sensor when the display becomes dim or unresponsive. Always replace with fresh, high-quality AA alkaline batteries.
- **Environmental Conditions:** Avoid exposing the clock to extreme temperatures, direct sunlight for prolonged periods, or high humidity. The outdoor sensor is weather-resistant but should be placed in a sheltered area.

TROUBLESHOOTING

Problem	Possible Solution

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Clock not synchronizing with atomic time.	- Ensure the clock is placed near a window, away from electronic interference. - Allow up to 24 hours for initial synchronization. - Check battery levels; replace if low. - Manually set the time if atomic signal is consistently unavailable.
Outdoor temperature not displayed or inaccurate.	- Ensure the outdoor sensor batteries are fresh and correctly installed. - Relocate the sensor closer to the main clock, ensuring it's within range and free from obstructions. - Press the "Sensor" or "Channel" button on the main clock to re-establish connection. - Ensure the sensor is in a sheltered spot, out of direct sunlight and rain.
Display is dim or blank.	- Replace all batteries in the main clock with fresh ones. - Check battery polarity.
Incorrect time or date.	- Verify the correct time zone is selected. - Check DST setting. - If atomic sync is active, ensure good signal reception. Otherwise, manually set the time.

Specifications

Brand	MARATHON
Model Number	CL030027-FD-WD
Display Type	Digital
Special Features	Temperature Display (Indoor/Outdoor), Atomic Time, Full Calendar
Power Source	Battery Powered
Battery Type	AA (4 required, included)
Material	Plastic
Mounting Type	Wall Mount, Desktop Stand
Product Dimensions	26.39 x 3.81 x 30.38 cm (10.39 x 1.5 x 11.96 inches)
Item Weight	1.18 kg (2.6 lbs)

Image: Diagram illustrating the dimensions of the MARATHON Slim Atomic Wall Clock.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official MARATHON website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Website: www.marathonwatch.com

Related Documents - CL030027-FD-WD

	[Marathon Atomic Clock with Indoor/Outdoor Temperature User Manual](#) Comprehensive user manual for the Marathon Atomic Clock with Indoor/Outdoor Temperature (Model CL030027-FD-NA), covering setup, features, troubleshooting, and specifications.
	[Marathon CL030027-FD-NA Atomic Clock with Indoor/Outdoor Temperature User Manual](#) User manual for the Marathon CL030027-FD-NA atomic clock, featuring indoor and outdoor temperature display, radio-controlled time setting, and alarm functions. Includes setup, operation, and troubleshooting instructions.
	[Marathon CL030062-FD Atomic Digital Wall Clock User Manual](#) Comprehensive user manual for the Marathon CL030062-FD Slim Jumbo Atomic Full Calendar Digital Wall Clock, detailing features, setup, operation, and warranty.
	[Marathon CL030067 Series Atomic Clock User Manual: Time, Temperature, Humidity](#) Comprehensive user manual for the Marathon CL030067 Series Atomic Full Calendar Clock. Learn about setup, features, radio-controlled time synchronization, temperature/humidity monitoring, troubleshooting, and warranty.
	[Marathon Slim Jumbo Atomic Digital Wall Clock with Indoor/Outdoor Temperature - User Manual](#) Comprehensive user manual for the Marathon Slim Jumbo Atomic Digital Wall Clock, detailing setup, features, and specifications for indoor and outdoor temperature monitoring. Includes instructions in English, French, and Spanish.
	[Marathon Atomic Self-Setting Panoramic Clock Instruction Manual](#) Official instruction manual for the Marathon Atomic Self-Setting Panoramic Clock, detailing features, setup, operation, and troubleshooting. Learn how to set up your radio-controlled clock for accurate timekeeping.