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› MARATHON Atomic Full Calendar Clock User Manual

MARATHON CL030066BK

MARATHON Atomic Full Calendar Clock

MODEL: CL030066BK

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MARATHON Atomic Full Calendar Clock with Extra Large Digits and Indoor/Outdoor Temperature display. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.



2. KEY FEATURES

- **Multi-Lingual Options:** Displays days of the week and month in English, French, and Spanish.
- **High Definition Display:** Features large, easy-to-read 4.5-inch digits for optimal visibility.
- **Time Zone and Display Options:** Supports 7 different time zones and offers 12 or 24-hour display formats. Includes an option to enable or disable Daylight Saving Time (DST).
- **Temperature Display:** Shows both indoor and outdoor temperatures in Celsius or Fahrenheit.
- **Bonus Refrigerator Probe:** Comes with an additional probe for monitoring refrigerator temperatures.
- **Self-Setting/Adjusting:** Utilizes radio frequencies broadcast from NIST's Colorado Atomic Clock for automatic time synchronization.



Image 2.1: Visual representation of the clock's main features.

3. PACKAGE CONTENTS

Please ensure all items are present in the package:

- MARATHON Atomic Full Calendar Clock (Main Unit)
- Outdoor Temperature Sensor (with refrigerator probe)

Note: 2 AAA batteries are required for operation and are not included.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartments on the back of the main clock unit and the outdoor sensor.

2. Insert 2 AAA batteries into the main clock unit, observing the correct polarity (+/-).
3. Insert batteries into the outdoor sensor, observing the correct polarity (+/-).
4. Replace the battery covers securely.



Image 4.1: Rear view of the clock, highlighting the battery compartment and wall mount holes.

4.2 Initial Setup (Time Zone, Language, DST)

Upon battery installation, the clock will attempt to synchronize with the atomic time signal. If manual adjustments are needed or for initial configuration:

1. Use the 'MODE' button to cycle through settings.
2. To set the Time Zone, locate the time zone switch on the back of the clock and select your desired zone (e.g., PST, MST, CST, EST).
3. To adjust language (English, French, Spanish), use the appropriate button (refer to the clock's back panel for specific button labels).
4. Toggle Daylight Saving Time (DST) ON or OFF using the dedicated switch on the back, if applicable to your region.



Image 4.2: Detailed view of the clock's rear panel with time zone and setting controls.

4.3 Atomic Time Synchronization

The clock automatically attempts to synchronize with the NIST Atomic Clock signal. This ensures accurate timekeeping. Place the clock in an area where it can receive a clear signal, typically near a window and away from large metal objects or electronic interference.

4.4 Outdoor Sensor Placement

For accurate outdoor temperature readings, place the outdoor sensor in a shaded area, protected from direct sunlight and precipitation. Ensure it is within the effective range of the main clock unit.



Image 4.3: The clock displaying both indoor and outdoor temperature readings.

5. OPERATION

5.1 Display Modes

The clock displays time, date, day of the week, indoor temperature, and outdoor temperature. The large digits ensure readability from a distance.



Image 5.1: The clock's large display is easily visible in a room setting.

5.2 Alarm Function

The clock includes an alarm function. To set the alarm, press the 'ALARM' button and use the adjustment buttons to set the desired alarm time. Press 'ALARM' again to activate or deactivate the alarm. The 'SNOOZE' button provides a temporary pause for the alarm.

5.3 Manual Settings

In areas where atomic signal reception is poor or unavailable, the time and date can be set manually. Refer to the specific buttons on the back of the clock for 'MANUAL SET' and adjustment controls.

6. MAINTENANCE

6.1 Cleaning

To clean the clock, use a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the display or casing.

6.2 Battery Replacement

When the display dims or the clock functions become erratic, it is time to replace the batteries. Follow the battery installation steps outlined in Section 4.1.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or dim display	Low or dead batteries	Replace all batteries with fresh ones.

Problem	Possible Cause	Solution
Incorrect time/date	Poor atomic signal reception or incorrect time zone setting	Relocate the clock to an area with better signal. Verify time zone and DST settings. Manually set if necessary.
Outdoor temperature not displayed or inaccurate	Sensor out of range, low sensor batteries, or interference	Ensure sensor is within range and has fresh batteries. Reposition sensor away from direct sunlight or heat sources.
Clock not responding to buttons	Temporary software glitch	Remove batteries for 1 minute, then reinsert to reset the clock.

8. SPECIFICATIONS

Feature	Detail
Brand	MARATHON
Model Number	CL030066BK
Power Source	Battery Powered (2 AAA batteries required)
Material	Plastic
Color	Black
Display Type	Digital
Product Dimensions	3.2 x 10.8 x 16.1 inches
Item Weight	2.13 pounds
Special Feature	Atomic Time Synchronization

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or visit the official MARATHON website. Keep your purchase receipt as proof of purchase.

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Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question