MARATHON CL030025

MARATHON CL030025 Jumbo Atomic Wall Clock User Manual

Model: CL030025

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MARATHON CL030025 Jumbo Atomic Wall Clock. This clock features automatic time synchronization, indoor temperature display, and a clear, large digital readout, ensuring accurate timekeeping and environmental monitoring.

KEY FEATURES

- **Atomic Self-Adjusting Time:** Automatically picks up time calibration signals for precise timekeeping.
- **Jumbo Display:** Large 17-inch display offers visibility from up to 30 feet, showing time, date, and temperature at a glance.
- **NIST Signal Reception:** Receives its controlling radio signal from the National Institute of Standards and Technology (NIST) in Boulder, Colorado.
- **Indoor Temperature Display:** Shows indoor temperature in either Celsius or Fahrenheit.
- **Comprehensive Calendar:** Displays the month, date, and day of the week.

PACKAGE CONTENTS

- 1 x MARATHON CL030025 Jumbo Atomic Wall Clock
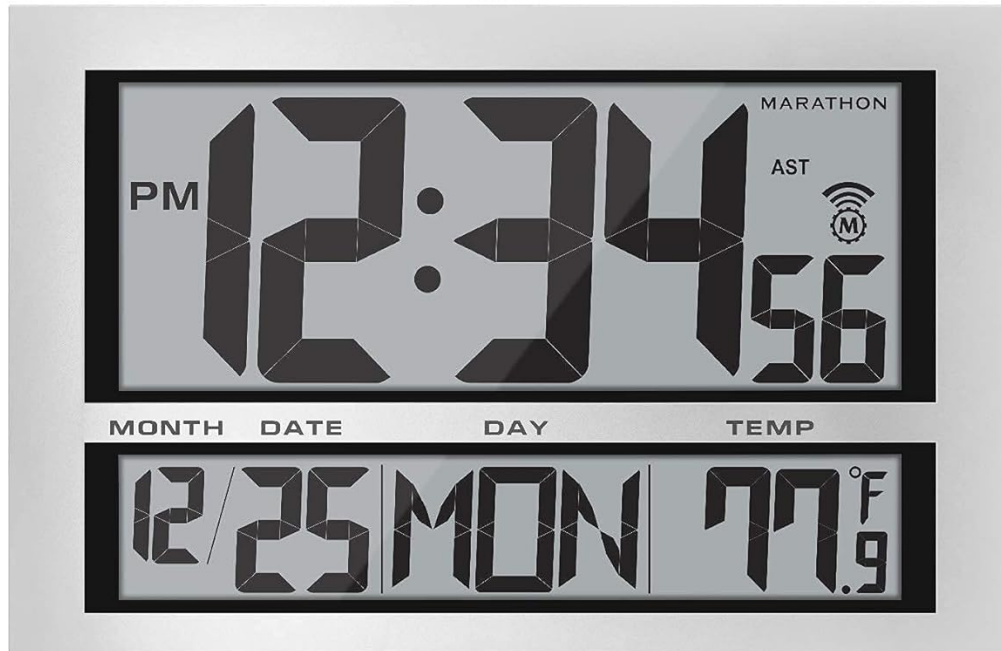- 3 x C Batteries

PRODUCT OVERVIEW

Familiarize yourself with the clock's components and display layout.

Figure 1: Front view of the clock, showing the large digital display for time, date, day, and indoor temperature. The atomic signal indicator and PM indicator are also visible.

Figure 2: Back view of the clock, illustrating the battery compartment and control buttons for setting time, date, and other functions.

SETUP

1. Battery Installation

1. Open the battery compartment cover on the back of the clock.
2. Insert three (3) C batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
3. Close the battery compartment cover securely.

2. Initial Power-On and Atomic Time Synchronization

Upon battery installation, the clock will automatically attempt to synchronize with the NIST atomic time signal.

- Place the clock near a window, ideally facing Boulder, Colorado, for optimal signal reception. Avoid placing it near electronic devices that may cause interference.

- The signal reception icon (a radio tower with waves) will flash during synchronization.
- Once synchronized, the icon will become solid, and the clock will display the correct time, date, and day. This process may take several minutes to a few hours, depending on signal strength and environmental conditions.
- If the clock does not synchronize within 24 hours, try repositioning it or manually setting the time.

3. Time Zone Selection

The clock supports 6 time zones. To select your time zone:

1. Locate the "TIME ZONE" button on the back of the clock.
2. Press the "TIME ZONE" button repeatedly to cycle through the available time zones (e.g., PST, MST, CST, EST, AST, NST).
3. The selected time zone will be displayed on the screen.

4. Temperature Unit Selection

To switch between Celsius and Fahrenheit for the indoor temperature display:

1. Locate the "C/F" button on the back of the clock.
2. Press the "C/F" button to toggle between Celsius (°C) and Fahrenheit (°F).

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

If atomic synchronization is consistently unsuccessful, you can manually set the time and date.

1. Locate the "SET" button on the back of the clock. Press and hold it until the time display begins to flash.
2. Use the "UP" or "DOWN" buttons (usually located near the SET button) to adjust the flashing digit (hour). Press "SET" to confirm and move to the next setting.
3. Repeat for minutes, year, month, and date.
4. Press "SET" one last time to exit manual setting mode.

OPERATING INSTRUCTIONS

Reading the Display

The large LCD display shows the following information:

- **Time:** Hours, minutes, and seconds (or PM indicator).
- **Date:** Month and day.
- **Day of the Week:** Abbreviated day name.
- **Indoor Temperature:** Current temperature in your selected unit (°C or °F).
- **Atomic Signal Indicator:** Shows if the clock is receiving the atomic time signal.

Daylight Saving Time (DST)

The clock automatically adjusts for Daylight Saving Time based on the atomic signal. No manual intervention is required for DST changes in regions that observe it.

MAINTENANCE

Battery Replacement

When the display dims or becomes erratic, it is time to replace the batteries. The clock requires three (3) C batteries.

1. Remove the old batteries from the compartment.
2. Insert new C batteries, ensuring correct polarity.
3. The clock will re-initiate the atomic time synchronization process upon battery insertion.

Cleaning

Wipe the clock's surface with a soft, dry cloth. Do not use abrasive cleaners or chemicals, as they may damage the display or casing.

TROUBLESHOOTING

- **No Display or Dim Display:** Check battery polarity. Replace batteries if they are low or depleted.

- **Clock Not Synchronizing with Atomic Signal:**
  - Ensure the clock is placed near a window, away from electronic interference (e.g., TVs, computers, microwaves).
  - Try repositioning the clock to a different location or orientation.
  - Allow up to 24 hours for initial synchronization, as signal strength varies.
  - If atomic synchronization is consistently unsuccessful, manually set the time and date as described in the Setup section.

- **Incorrect Time/Date:**
  - Verify the correct time zone is selected using the "TIME ZONE" button.
  - Check if the atomic signal indicator is solid. If not, refer to atomic signal troubleshooting.
  - If manually set, re-enter the correct time and date.

- **Temperature Reading Appears Incorrect:** Ensure the clock is not exposed to direct sunlight, drafts, or heat sources that could affect the internal sensor's accuracy.

SPECIFICATIONS

Figure 3: Product dimensions of the MARATHON CL030025 Jumbo Atomic Wall Clock.

Feature	Detail
Brand	MARATHON
Model	CL030025
Display Type	Digital
Power Source	Battery Powered
Batteries Required	3 x C batteries (included)
Battery Life (Average)	1.5 years
Material	High Impact plastic
Mounting Type	Wall Mount
Product Dimensions	42 x 4.4 x 27 cm (16.5 x 1.7 x 10.6 inches)

Weight	1.15 kg
Special Features	Calendar Display, Indoor Temperature, Atomic Time Synchronization

WARRANTY INFORMATION
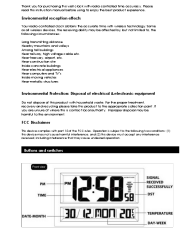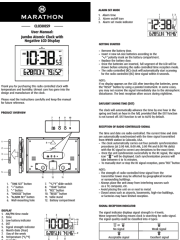
MARATHON products are designed for reliability and quality. For specific warranty details, terms, and conditions applicable to your CL030025 Jumbo Atomic Wall Clock, please refer to the warranty card included with your product packaging or visit the official MARATHON website for the most current information.

CUSTOMER SUPPORT

If you encounter any issues, have questions not covered in this manual, or require further assistance with your MARATHON CL030025 clock, please contact MARATHON customer support. Contact information can typically be found on the product packaging, the official MARATHON website, or through your retailer.

Related Documents - CL030025

Marathon Radio-Controlled Wall Clock Instruction Manual
Comprehensive guide to setting up and operating the Marathon radio-controlled wall clock, covering features, battery installation, time zone selection, signal reception, manual setting, troubleshooting, and product care. Includes details on WWVB and DCF time signals.

Marathon CL030056 Jumbo LCD Wall Clock with Temperature, Humidity, 6 Time Zones - User Manual
User manual for the Marathon CL030056 Jumbo LCD Wall Clock. Provides instructions on setup, time setting, alarm functions, DST, signal reception, battery replacement, and technical specifications for this multi-zone clock.

Marathon CL030059 Jumbo Atomic Clock User Manual
User manual for the Marathon CL030059 Jumbo Atomic Clock with Negative LCD Display, covering setup, features, time setting, alarm functions, temperature/humidity display, and specifications.

	[Marathon Jumbo Atomic Clock with Auto Backlight User Manual](#) User manual for the Marathon Jumbo Atomic Clock with Auto Backlight (Model CL030090), detailing features like self-setting time, date, temperature, automatic backlight, setup instructions, and troubleshooting.
	[Marathon Atomic Clock with Auto Backlight - User Manual and Features](#) Comprehensive guide for the Marathon Atomic Clock with Auto Backlight (Model CL030089). Covers features like radio-controlled time, thermometer, auto backlight, setup instructions, manual settings, time zones, and DST. Includes troubleshooting and precautions.
	[Marathon CL030062 Slim Jumbo Atomic Digital Clock User Manual](#) User manual for the Marathon CL030062 Slim Jumbo Atomic Digital Clock, detailing features, specifications, setup, operation, and safety precautions.