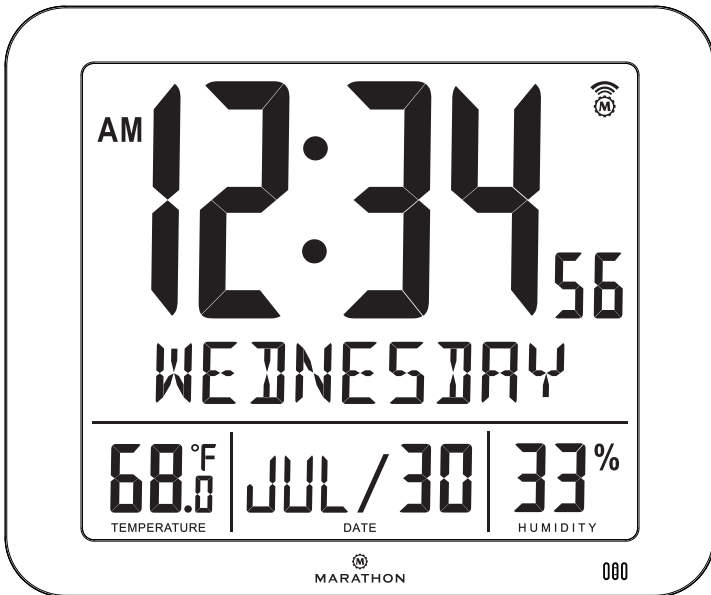**ATOMIC FULL CALENDAR CLOCK WITH LARGE 3.25"
DIGITS, INDOOR TEMPERATURE & HUMIDITY**

USER MANUAL
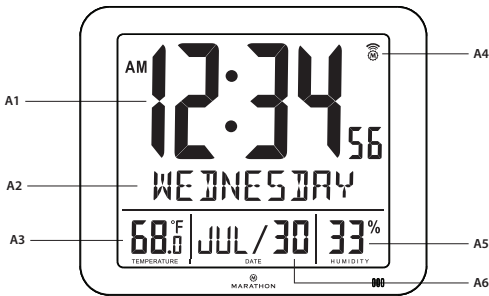
MODEL CL030067 SERIES

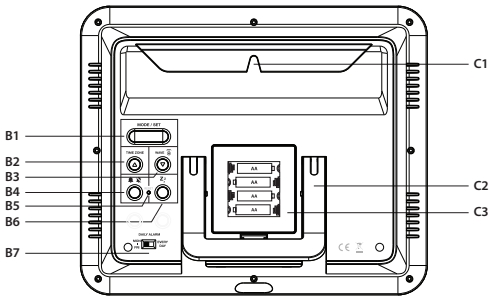## TABLE OF CONTENTS

UNIT APPEARANCE

A1: Time display
A2: Day of week
A3: Temperature
A4: Radio-control icon
A5: Humidity
A6: Date

B1: MODE/SET button
B2: ▲/TIME ZONE button
B3: ▼/ 📶 button
B4: ALARM ON/OFF button
B5: RESET button
B6: SNOOZE button
B7: Daily alarm slide switch

C1: Wall mount hole
C2: Battery compartment
C3: Stand

WHAT IS A RADIO-CONTROLLED CLOCK?

A radio-controlled clock synchronizes with radio signals from an atomic clock, giving the most accurate timekeeping available. Time signals transmitted by the National Institute of Standards and Technology (NIST) are regulated by three atomic clocks and deviate less than one second over 3,000 years. The NIST broadcasts the time signals (WWVB, 60 kHz) continuously from Fort Collins, Colorado. The signals can reach a distance of 3,220 km (2,000 miles) from the transmission point. Your radio-controlled clock will receive the signal in any place that an AM signal can be received. However, the signal cannot be picked up in metal or concrete structures unless the clock is positioned near a window. In addition, some environmental conditions (see below) may affect the reception.

For more information, please see the WWVB WEB page of NIST at: http://www.boulder.nist.gov/timefreq/

ENVIRONMENTAL EFFECT ON RECEPTION

Like all wireless devices, the receiving ability may be affected by, but not limited to, the following conditions:

• Long transmitting distance.
• Close proximity of mountains and valleys.
• Close proximity of tall buildings.
• Close proximity of railways, high voltage cables, etc.
• Close proximity of freeways, airports, etc.
• Close proximity of construction sites.
• Being inside concrete buildings.
• Close proximity of electrical appliances.
• Bad weather.
• Being inside moving vehicles.
• Close proximity of metal structures.

FEATURES

•   Radio-controlled time (RC-WWVB)
•   12/24-hour time display selectable
•   Daily Alarm/Snooze functions
•   Day of week and month in three languages user selectable (English, French and Spanish)
•   Measures °C/°F user selectable

GETTING STARTED

Thank you for selecting a Marathon clock. To ensure the proper functioning of the unit, please follow the instructions contained in this manual.

STOP

BEFORE SET-UP, PLEASE DO THE FOLLOWING:
1. Let the clock reach room temperature.
2. Remove the protective film from the clock.
3. Insert batteries and wait 10 minutes.

BATTERY INSTALLATION

Main Unit

1. Open the main unit battery compartment cover (C2).
2. Insert 4 x AA size batteries observing polarity (+ and – marks).
3. Replace the main unit battery compartment cover (C2).

Do not mix old and new batteries.
Do not mix alkaline, standard (carbon-zinc) and rechargeable (nickel-cadmium) batteries.
Replace only with the same or equivalent type of batteries.
Please refer to the battery marks inside the compartment for the correct polarity (+ and -).

Danger of explosion is possible if batteries are incorrectly replaced.

Do not touch any buttons or settings on the main unit once you have installed the batteries. The remote temperature and time signal will be received automatically after the batteries are inserted.

Low Battery Indication

The low battery icon ⚡ will appear on the display (above the date) to indicate a low battery status. The batteries should be replaced.

Note: The clock loses its time information when the batteries are removed.

INSTALLATION

Main Unit

The clock can be placed on a flat surface using the built-in stand (C2) or mounted on a wall using the wall mount hole (C1) located at the back of the clock. To mount the clock on a wall, drive a screw that extends about 1/8 inch from the wall and slide the wall mount hole over this screw to secure it in place. This clock receives a radio wave signal much like a TV or radio. Be sure to place it near a window or other locations with good reception.

TIME AND ALARM SETTING

Radio-Controlled Clock

After the batteries are inserted, the clock automatically starts to scan for the WWVB time signal. The radio-control icon 🛜 will flash on the display. As long as the batteries are supplying power to the clock, it will receive the time signal and adjust the time automatically. No manual adjustment is required after the unit is turned on.

It is recommended to leave the clock near a window overnight to search for the time signal as better transmission of the time signal takes place at night.

The clock automatically scans for the time signal every day at 02:00 am and makes any required adjustment to the time setting. The flashing radio-control icon 🔊 indicates that the signal is being received. If the time signal is received successfully, the 🔊 icon will stop flashing and the display will be solid. If the reception fails, the scanning will stop and the icon 🔊 will disappear from the display.

*Important: Do not use any buttons while a signal receiving operation is in progress.*

🔊 flashes, indicating receiving signal.
🔊 appears, indicating signal received successfully.
🔊 disappears, indicating signal reception failed.

The clock can be set to scan the time signal manually by holding the 🔊 button (B3) for three seconds. Each reception takes about five minutes. To stop scanning, press and hold the 🔊 button (B3) for three seconds.

Time Zones and Daylight Saving Time Settings

The time zone must be selected by the user. Set the RCC function to ON in setting mode, then hold the ▲ button to select the time zone you are in. There are seven time zones available: Atlantic (AT), Eastern (E), Central (C), Mountain (M), Pacific (P), Alaska (AK), and Hawaii (H). The ☼ icon will be visible on the display to indicate Daylight Saving Time Mode.

Manual Setting

1. In time display mode, press and hold the MODE/SET button (B1) for three seconds to enter the Clock/Calendar setting mode.
2. Press the ▲ or ▼ button to adjust the setting and press the MODE/SET button (B1) to confirm each setting. (By pressing and holding the ▲ or ▼ button, the process could be accelerated and the desired value reached faster.)
3. The setting sequence is as follows: 12/24-hour, RCC on/off, Time Zone, Weekday language, Hour, Minute, Second, Year, Month, Date, DST ON/OFF, Temperature Unit, Alarm sound duration.
4. For day of week and month, there are three languages available for selection: English, French and Spanish.

Note: All setting modes will automatically exit after 15 seconds if no buttons are pressed. Alarm sound duration: two options are available, "1 minute" and "2 minutes". Seconds can only be adjusted to 0.

If the area can receive the RC-WWVB signal, when both the RCC function and the DST function are ON, ☼ will be visible on the display to indicate daylight saving time mode.

Alarm and Snooze Functions

1. Press the MODE/SET button (B1) to view the alarm time; ALARM TIME flashes on the display.
2. When viewing the alarm time, hold the MODE/SET button (B1) for three seconds to enter the alarm time setting mode.
3. Press the ▲ or ▼ button to adjust the alarm time.

4. Press the MODE/SET button (B1) to confirm the setting.
5. Press the ALARM ON/OFF (B4) button to activate or deactivate the alarm. If the alarm is on, the alarm icon 🔔 appears on the display.
6. Slide the alarm switch (B7) to select the alarm to be active from Monday to Friday or on every day of the week.
7. Press the SNOOZE button (B6) when the alarm sounds. The alarm will pause for approximately five minutes, then it sound again. The icon 🔔 flashes on the display during the snooze time. This process can be repeated seven times.
8. Press any button, except the SNOOZE button (B6), to stop the snooze function. Otherwise, depending on the setting of the alarm sound duration, the alarm will be heard for 2 minutes or 1 minute, then it will stop automatically.

TEMPERATURE

Once powered up, the temperature will appear on the clock display. If the temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the display. Press and hold the MODE/SET button (B1) to select the temperature unit, either Celsius or Fahrenheit.

HUMIDITY

Once powered up, the humidity will appear on the clock display. If the humidity is lower than 20%, 20% will be shown on the display. If the value is higher than 99%, then 99% will be displayed.

TROUBLESHOOTING

1. Use a pin to press the RESET button (B5) if the unit does not work properly.
2. Press the RESET button (B5) when the clock is displaying the incorrect time, even when the radio-control icon 📡 is visible on the display. This may happen when the external noise is strong enough to interfere with the time signal.

Setting sequence: 12/24-hour, RCC on/off, Time zone, Weekday, Language, Hour, Minute, Second, Year, Month, Date, DST ON/OFF, Temperature Unit, Alarm sound duration.

HOW TO CARE FOR YOUR CLOCK

1. Avoid placing the clock near interference sources/metal frames, such as computer or TV sets.
2. Do not expose the clock to direct sunlight, heavy heat, cold, high humidity or wet areas.
3. Avoid exposing your clock to extreme temperatures, water or severe shock.
4. Never clean the device using abrasive or corrosive materials or products. Abrasive cleaning agents may scratch the plastic parts and corrode the electronic circuits.
5. Avoid contact with any corrosive materials, such as perfume, alcohol or cleaning agents.
6. Do not subject the clock to excessive force, shock, dust, temperature or humidity as this will damage it.
7. Do not tamper with any of the internal components of this clock. This will void the warranty and may cause damage to the components.

SPECIFICATIONS

Temperature Operation Range

Clock:	0 °C to 40 °C /32 °F to 104 °F
Indoor measurable range:	-10 °C to 50 °C / 14 °F to 122 °F

Humidity Range

Indoor measurable range:	20% to 99%

Temperature Checking Interval

Every 32 seconds

Power Source (alkaline batteries recommended)

Clock:	4 x AA batteries, 1.5 V batteries
Battery life:	Approximately 12 months

Dimensions (Height x Width x Depth)

Clock:	8.1 in H x 9.75 in W x 1 in D
	(206 mm H x 248 mm W x 25 mm D)

DISPOSAL OF PRODUCT AND USED BATTERIES

Please refer to your local regulations for proper disposal procedures.

WARRANTY

Marathon Watch Company warrants this item to be free from defects in material and workmanship under normal use in accordance with care and usage instructions for 2 years from date of purchase from an authorized retailer. This warranty excludes damage from misuse, abuse or any irregular application. Return the item to us properly packaged accompanied with the original bill of sale. Please contact Customer Service at 1-800-822-4329 to obtain the shipping address. If we confirm a defect, we will replace it with the same item or one of similar value and return it to you at no charge.