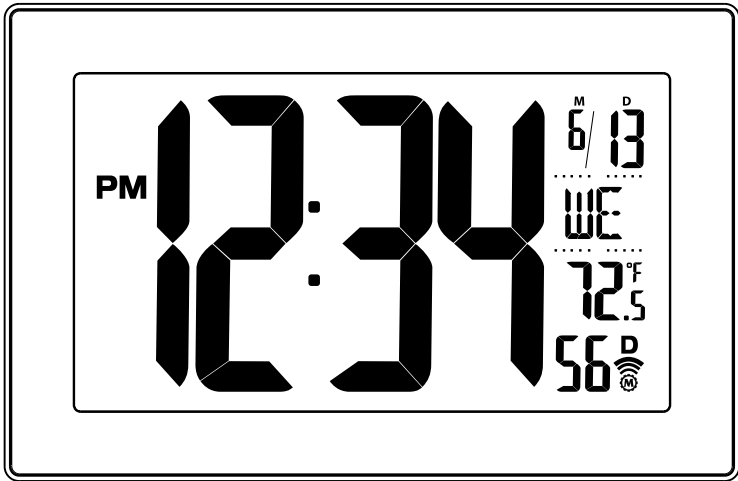




MARATHON

**ATOMIC SELF-SETTING, SELF-ADJUSTING
BRUSHED STEEL FINISH WALL CLOCK**



USER MANUAL

MODEL CL030068 SERIES

Thank you for purchasing this wall clock with atomic time accuracy.
Please read this instruction manual before using to
enjoy the best product experience.

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WWVB Atomic Time

The NIST radio station, WWVB, is located near Fort Collins, Colorado, and transmits the exact time signal continuously throughout North America at 60 kHz. The signal has a range of up to 2,000 miles. However, due to the nature of the Earth's ionosphere, reception is very limited during daylight hours. The atomic clock will search for a signal every night when reception is best.

The clock receives the time signal via its built-in antenna and adjusts automatically to the selected time zone. Once the correct time is set, the clock continues running with an internal quartz-controlled mechanism.

The internal quartz mechanism is very accurate; therefore, it does not matter if the clock is occasionally unable to receive the time signals.



Environmental Reception Effects

Your atomic clock obtains the accurate time with wireless technology. Same as all wireless devices, the receiving ability may be affected by, but not limited to, the following circumstances:

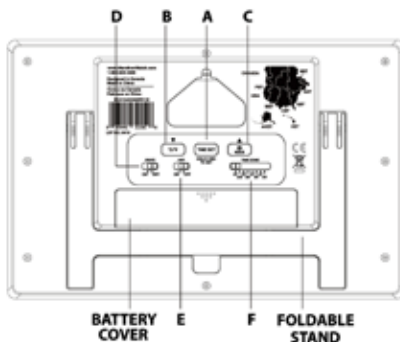
- Long transmitting distance.
- Close proximity of mountains and valleys.
- Close proximity of tall buildings.
- Close proximity of railways, high voltage cables, etc.
- Close proximity of freeways, airports, etc.
- Close proximity of construction sites.
- Inside concrete buildings.
- Close proximity of electrical appliances.
- Near computers and television sets.
- Inside moving vehicles.
- Close proximity of metal structures.

Environmental Protection: Disposal of Electrical & Electronic Equipment

Do not dispose of this product with household waste. For the proper treatment, recovery and recycling please take this product to the appropriate collection point. If you are unsure of where this is, please contact your local authority. Improper disposal may be harmful to the environment.

FCC Disclaimer

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Buttons and Switches

A. TIME SET

Press and hold to enter SET MODE. Then press and release to navigate the setting menu for setting time, calendar, date format, 12 or 24-hour format, and language for the day-of-week display.

B. C° / F° / ▼

Press once to switch temperature display from Fahrenheit or Celsius. In SET MODE, press to change the digits or options backward.

C. WAVE / ▲

Press and hold to start a manual signal search once. In SET MODE, press to change the digits or options forward.

D. WAVE ON/OFF Switch

Default is ON for daily automatic signal search. Slide to OFF if the clock is used in an area that does not observe the WWVB time signal.

E. DST (DAYLIGHT SAVING TIME) ON/OFF Switch

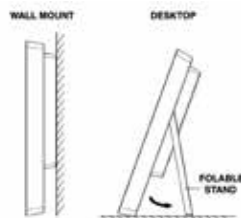
DST default is ON. Slide to OFF if the clock is used in an area that does not observe the DST.

F. TIME ZONE Switch

Slide to select the time zone where the clock is used.

Features

- 4-inch jumbo time digits
- Correct time is set automatically
- Automatic update for Daylight Saving Time (on/off option)
- Eight time zones
- Atomic clock (WAVE) on / off
- Month / Date or Date / Month display
- English / French / Spanish / Italian / German day of the week
- 12 or 24-hour time format selection
- Indoor temperature in Celsius or Fahrenheit
- Wall hanging or free-standing



Step 1 – Battery Installation

- 1) Remove the protective film from the front of the clock.
- 2) Place your clock face down on a flat and soft surface.
- 3) Slide and remove the battery cover at the back of your unit.
- 4) Insert 2 x new AA batteries into the battery compartment by observing the correct “+” and “-” polarity.
- 5) Slide and replace the battery cover.

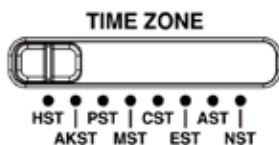


Reminder:

- Alkaline batteries are recommended for optimal operation of this clock.
- **Do not mix old and new batteries.**
- **Do not mix alkaline, standard and rechargeable batteries.**

Step 2 - Time Zone Selection

The time zone default is Hawaii Standard Time (HST). Slide the time zone switch at the back of the clock to select your time zone.



The atomic clock covers the following time zones:

PST = Pacific Standard Time	MST = Mountain Standard Time
CST = Central Standard Time	EST = Eastern Standard Time
AST = Atlantic Standard Time	NST = Newfoundland Standard Time
AKT = Alaska Standard Time	HST = Hawaii Standard Time

Step 3 – WWVB Time Signal Reception





The clock will start searching for the WWVB time signal which will take approximately 7 minutes. If the first attempt fails, the clock will automatically search for the signal again every 3 hours.

Please note: The signal reception is normally better at night and when the weather is clear. The atomic signal generally takes a few hours to synchronize, so it is important to manually set the time and date after powering the clock.

The clock will start searching for the signal every night at 1:00 am, 2:00 am and 3:00 am. If the reception fails, it will try again at 4:00 am (if it fails again, a new attempt will be made at 5:00 am). During the signal reception, do not press any button to ensure the best reception possible.

During the signal reception, the clock does not take temperature measurements. The temperature reading will get stable and become accurate 30 minutes after your clock is powered up.

Once the clock received the signal, the time and calendar are updated and you can start to use the clock.

Searching for signal (signal is strong)		Both the "M" icon and the wave bars are blinking
Searching for signal (no signal or weak signal)		Only the "M" icon is blinking. Place your clock in another location with a stronger signal if it keeps failing to receive the WWVB time signal overnight (e.g. closer to the window or away from other electronic devices).
Received signal successfully		Time and date are set and both the "M" icon and the wave bars become static.
Fail to receive signal		The "M" icon becomes static and the wave bars disappear.

To set the clock manually

1. Press and hold **TIME SET**, the hour digits "12" will flash, press ▲ or ▼ to set the hours. Press and hold ▲ or ▼ to accelerate the process.
2. Press **TIME SET** once, the minute digits "00" will flash, press ▲ or ▼ to set the minutes. Press and hold ▲ or ▼ to accelerate the process.
3. Press **TIME SET** once again, "12Hr" will flash on the screen. Press ▲ or ▼ to select **12Hr** ↔ **24Hr**. In **12Hr** mode, **AM** will appear on the display to indicate morning time and **PM** to indicate afternoon time.
4. Press **TIME SET** once again, the year digits "2018" will flash. Press ▲ or ▼ to set the year.
5. Press **TIME SET** once again, the month digit "1" will flash. Press ▲ or ▼ to set the month.
6. Press **TIME SET** once again, the date digit "1" will flash. Press ▲ or ▼ to set the date.
7. Press **TIME SET** once again, the "M"D" (month / date) will flash. Press ▲ or ▼ to switch to "D"M" display (date / month).

8. Press **TIME SET** once again, the day of week “**EN**” will flash. Press ▲ or ▼ to select the display language:

EN	English
GE	German
FR	French
SP	Spanish
IT	Italian

9. Press **TIME SET** once again to store your settings or wait approximate 10 seconds to exit **SET MODE**.

To use the **WAVE On/Off**

WAVE (atomic time) default is ON. Slide the switch to OFF to turn off the atomic time feature if the clock is used in an area that does not observe the WWVB time signal.

To use **DST On/Off (Daylight Saving Time)**

DST default is ON. Slide to OFF if the clock is used in an area that does not observe the DST.

To select the **Time Zone**

Slide the time zone switch at the back of the clock and the respective time zone abbreviations will appear on the display and blink. The clock will return to the day-of-the-week display in approximately 8 seconds.




To start **WWVB signal search manually**

Press and hold the **WAVE / ▲** button to start a signal search.

°C /°F temperature display

The temperature display default is Fahrenheit. Press the **°C/°F / ▼** button once to switch to Celsius.

Low **Battery Indicator**

The low battery indicator  will appear between the time digits when the batteries are low. Replace with new batteries (alkaline batteries are recommended).

Troubleshooting

If you clock cannot update to the correct time:

- 1) Make sure the **WAVE** switch is at ON;
- 2) Make sure the time zone is selected correctly;
- 3) Make sure your clock is placed away from large metallic items or electronic devices (TV, computer, microwave, radio, etc.)

If your clock displays irrelevant time or does not function properly:

This may be caused by electrostatic discharge or other interference. Press and hold the ▲ and ▼ buttons at the back of the clock simultaneously for 3 seconds to reset the clock to the factory settings. After resetting the clock, refer to the Setup section to set up the clock again.

If the temperature reading is inaccurate:

Make sure your clock is placed out of direct sunlight and away from any heat sources or vents.

If the display is too dim or hard to read:

The battery may be low. Replace the batteries with new alkaline batteries.

Care of your product

- 1) Place your unit on a stable surface, away from sources of direct sunlight and excessive heat or moisture.
- 2) Protect your lacquered wood furniture by placing a cloth or protective material under the clock.
- 3) Clean your unit with a soft cloth moistened only with mild soap and water. Stronger agents such as benzene, thinners or similar substances can damage the surface of the unit.
- 4) Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) and rechargeable (nickel-cadmium) batteries.
- 5) If the unit is not to be used for a prolonged period, such as a month or longer, remove the batteries to prevent possible corrosion. Should the battery compartment become corroded or dirty, clean the compartment thoroughly and replace the batteries.

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.

Marathon Watch Company Ltd.
www.MarathonWatch.com
Customer Service: 1-800-822-4329



Designed in Canada
Made in China

