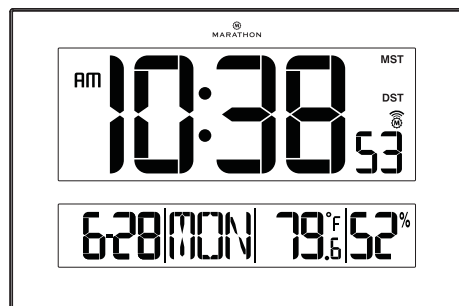




MARATHON

CL030059

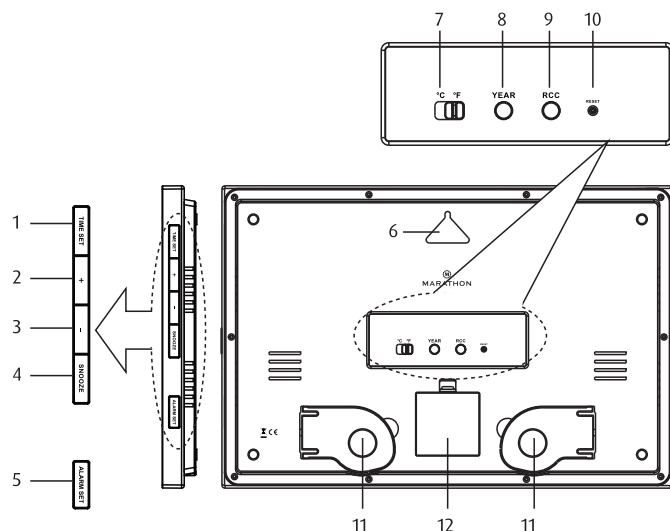
User Manual: Jumbo Atomic Clock with Negative LCD Display



Thank you for purchasing this radio controlled clock with temperature and humidity. Utmost care has gone into the design and manufacture of the clock.

Please read the instructions carefully and keep the manual for future reference.

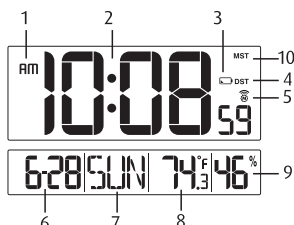
PRODUCT OVERVIEW



1. "TIME SET" button
2. "+" button
3. "-" button
4. "SNOOZE" button
5. "ALARM SET" button
6. Wall-mounting hole
7. "°C/°F" slide switch
8. "YEAR" button
9. "RCC" button
10. "RESET" button
11. Table stand
12. Battery compartment

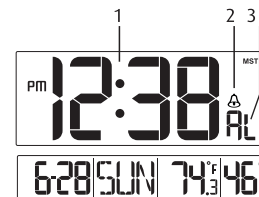
DISPLAY

1. AM/PM time mode
2. Time
3. Low battery indicator
4. DST
5. Signal strength indicator
6. Month-Date (Year)
7. Day of the week
8. Temperature (°C/°F)
9. Humidity
10. Time zone indicator



ALARM SET MODE

1. Alarm time
2. Alarm on/off icon
3. Alarm set mode indicator



GETTING STARTED

- Remove the battery door.
- Insert 4 new AA size batteries according to the "+/-" polarity mark on the battery compartment.
- Replace the battery door.
- Once the batteries are inserted, full segment of the LCD will be shown before entering the radio controlled time reception mode.
- The radio controlled (RC) clock will automatically start scanning for the radio controlled (RC) time signal within 8 seconds.

NOTE:

If no display appears on the LCD after inserting the batteries, press the "RESET" button by using a pointed instrument. In some cases, you may not receive the signal immediately due to the atmospheric disturbance. The best reception often occurs during nighttime.

DAYLIGHT SAVING TIME (DST)

The clock will automatically advance the time by one hour in the spring and back an hour in the fall, provided that the DST function is not turned off. DST function is set to AUTO by default.

RECEPTION OF RADIO CONTROLLED SIGNAL

The time and date are radio-controlled. The current time and date are automatically synchronized with the time signal transmitted from WWVB station in Colorado, USA.

- The clock automatically carries out four periodic synchronization procedures (at 2:00 AM, 8:00 AM, 2:00 PM and 8:00 PM daily) with the RC signal to correct any deviations to the exact time.
- Once the unit synchronizes successfully to the RC signal, the signal icon "📶" will be displayed. Each synchronization process will take between 6 to 16 minutes.
- To manually start or stop the RC signal reception, press "RCC" button.

NOTE:

- The strength of radio-controlled time signal from the transmitter tower may be affected by geographical location or surrounding buildings.
- Always place the unit away from interfering sources such as a TV, computer, etc.
- Avoid placing the unit on or next to metal.
- Closed areas such as airports, basements, high-rise buildings, or factories may have limited reception.

SIGNAL RECEPTION INDICATOR

The signal indicator displays signal strength in 4 levels. Wave segment flashing means clock is searching for radio signal. The signal quality could be classified into 4 types:

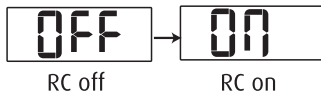
 No signal	 Weak signal
 Acceptable signal	 Excellent signal

TIME ZONE SETTING

Your clock is designed to display time for different time zones. Please refer to the SETTING THE TIME AND CALENDAR section to set your desired time zone in the following order:
PST (Pacific) > MST (Mountain) > CST (Central) > EST (Eastern) > AST (Atlantic/Caribbean) > NST (Newfoundland)

DISABLE / ENABLE RCC SIGNAL RECEPTION

- Press and hold "RCC" button for 8 seconds to disable the reception.
- Press and hold "RCC" button for 8 seconds to enable automatic RCC reception.



SETTING THE TIME AND CALENDAR

- In normal time mode, press and hold "TIME SET" button for 3 seconds until the 12/24 Hr flashes.
- Press "+/-" button to set 12/24 Hour format.
- Press "TIME SET" button again until Hour digit flashes and press "+/-" button to adjust its value.
- Repeat above operations to set the time and calendar in this sequence: 12/24hr > Time Zone > Hour > Minute > Second > Year > Month > Date > +/-23 Hour offset* > Language > DST auto/off
- Press "TIME SET" button to save the setting and return to normal time mode. Or the clock will automatically exit the setting mode after 1 minute without pressing any button.

* Use the offset feature when desired time zone is not one of the 6 default time zones. For example if the user is in EST and would like the clock to display CET, they would set the offset to +5 hr.

NOTE:

- When setting seconds, press "+/-" button to set its value to 0.
- 7 selectable languages and setting orders:
EN (English) > FR (French) > DE (German) > ES (Spanish) > IT (Italian) > NL (Dutch) > RU (Russian)

SETTING THE ALARM TIME

- In normal time mode, press and hold "ALARM SET" button for 3 seconds until Hour digit flashes.
- Press "+/-" button to set hour.
- Press "ALARM SET" button again to move to minute setting. Press "+/-" button to set minutes.
- Press "ALARM SET" button to save the setting and return to normal time mode. (If no buttons are pressed after 1 minute, clock will automatically exit the setting mode.)

NOTE:

After pressing "+/-" button, alarm function is automatically turned on (icon "A" displayed).

USING THE ALARM AND SNOOZE

- In normal time mode, press "ALARM SET" button to enter alarm time mode. Press "ALARM SET" button again to turn on (icon "A" displayed) or turn off alarm function. If alarm is turned on, alarm beeps at the alarm time. Alarm beeping can be stopped by:
 - Pressing "ALARM" button to turn off alarm function
 - Press "SNOOZE" button to stop the current alarm and enter snooze. Alarm icon will be flashing continuously. The alarm will sound again in 5 minutes.
 - If no buttons are pressed, alarm will automatically shut off after 2 minutes.

VIEW YEAR

In normal time mode, press "YEAR" button to display the year for 5 seconds. After 5 seconds the display will revert to the month and day.

TEMPERATURE AND HUMIDITY DISPLAY

Slide the "°C/°F" switch to select the temperature unit °C or °F. The temperature and humidity will display "Hi/Lo/---" on the conditions as per the following chart:

Temperature	Temperature < -40°C	Lo
	Temperature > 70°C	Hi
Humidity	Humidity < 20%	Lo
	Humidity > 60%	Hi
	Humidity < 0% or > 90%	---

LOW BATTERY INDICATOR

When the low battery indicator "🔋" displays, it indicates that the battery power is low. You should replace with 4 new matching AA size batteries within 1 month.

NOTE:

- If the clock is not used for a long time, please remove batteries to prevent corrosion.
- Attention! Batteries should not be exposed to excessive heat such as direct sunlight.

SPECIFICATIONS

Radio controlled signal: WWVB version

TEMPERATURE -14°F~140°F (-10°C~60°C)

Display range: 32°F~113°F (0°C~45°C)

Operating range: Accuracy: 23°F~32°F: +/-4°F
33°F~86°F: +/-2°F
87°F~122°F: +/-4°F
(-5°C~-0.1°C: +/-2°C
0°C~40°C: +/-1°C
40.1°C~50°C: +/-2°C)

HUMIDITY

Display range: 20%~90%

Accuracy:

20% RH~40% RH: +/-7% RH
41% RH~70% RH: +/-5% RH
71% RH~90% RH: +/-7% RH

POWER

4 x AA size 1.5V batteries (Alkaline recommended)

DIMENSION

17(L) x 11(H) x 1(D) in
43(L) x 29(H) x 3(D) cm