

Honeywell
Atomic Alarm Clock
with Temperature

USER MANUAL

(RC182W)

INTRODUCTION

Thank you for selecting the Honeywell Atomic Alarm Clock with Temperature.

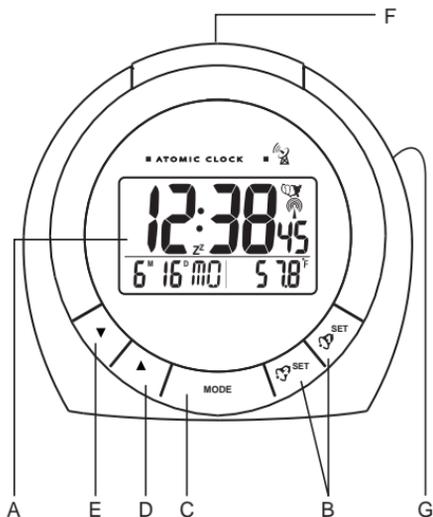
This device includes precise time keeping and temperature monitoring features that you can use from the comfort of your home.

In this package you will find Atomic clock.
Please keep this manual handy as you use your new item. It contains practical step-by-step instructions, as well as technical specifications and precautions you should know.

PRODUCT OVERVIEW

FEATURES

- ▣ Precise time and date set via RF signals from
- ▣ US Atomic Clock
- ▣ Calendar displays date with month and weekday in
- ▣ English, Spanish or French
- ▣ Indoor temperature display
- ▣ Dual crescendo alarm with snooze
- ▣ Blue backlight



APPRECISE TIME WITH TEMPERATURE IN

TWO-LINE LCD DISPLAY

- Views indoor temperature and precise time.

ALARM BUTTON

- Sets alarms one and two and displays current alarm status.

MODE BUTTON

- 1). Changes display modes and confirms settings.
- 2). Sets the time manually.

UP (▲) BUTTON

- 1). Increases the setting.
- 2). Selects 12 or 24 hour format:
- 3). Sets Time Zone

DOWN (▼) BUTTON

- 1). Decreases the setting.
- 2). Sets the weekday language

SNOOZE/LIGHT BUTTON

- Activates snooze function and LCD backlight.

BATTERY COMPARTMENT

- Accommodates 2 (two) UM-3 or AA 1.5V alkaline batteries.

BEFORE YOU BEGIN:

- We recommend using alkaline batteries for your unit.
- Avoid using rechargeable batteries.
- Insert batteries before first use, matching the polarity as shown in the battery compartment.

BATTERY INSTALLATION:

- Open the battery compartment door.
- Install 2 batteries (UM-3 or "AA" size 1.5V) matching the polarity as shown in the battery compartment.
- Replace the battery compartment door

LOW BATTERY

When the LCD becomes dim, battery replacement is required.

WWVB RADIO CONTROLLED TIME

The NIST (National Institute of Standards and Technology) radio station is located in Ft. Collins Colorado. It transmits an exact time signal continuously throughout the continental United States at 60 KHz frequency. The Atomic Clock can receive this WWVB signal through its internal antenna from up to 2,000 miles away. Due to the nature of the Earth's ionosphere, reception can be limited during the daylight hours. The radio controlled clock will search for an alternate station that derives its signal from the NIST Atomic clock in Boulder, Colorado.

The WWVB tower icon on the main unit's display will flash indicating radio signal reception from the WWVB station. If the tower icon is not fully lit, or if the time is not set automatically, please consider the following:

- During night-time hours, atmospheric disturbances are typically less severe and reception may improve.
- A single daily reception is sufficient enough to keep the accuracy reading within 1 second.
- Make sure the main unit is positioned at 8 feet minimum distance from any interference source such as a TV, computer monitor, microwave, etc. The successful reception of the atomic time signal depends on the positioning and location of the clock. Always place the unit by the window for better reception.
- Within concrete wall rooms such as basements or office buildings, the received signal may be weakened. Always place the unit near the window.

ATOMIC CLOCK

1. After the batteries are installed, the WWVB time signal receiver will automatically search for the time signal.
 - This takes about 5-8 minutes.
2. If the radio signal is received, the date and time will be set automatically, and the [🕒] icon will appear.
3. If in 8 minutes the time signal has not been received, press and hold "MODE" button for 3 seconds to set the time manually.
4. The clock will continue to search for the WWVB time signal daily from 1:00 am to 4:30 am. After the signal has been successfully received, the time and date will be updated automatically.

SETTING CLOCK MANUALLY

TIME ZONE

Select the time zone by pressing and holding the "▲" until the desired time is selected in "Time with the day of week" display mode.

YEAR, DATE, TIME, TEMPERATURE UNIT

Press **MODE** to toggle between **ALARM 1**, **ALARM 2** and **INDOOR TEMPERATURE** displays
Press and hold **MODE** for 2 seconds: the **YEAR** digit will flash.
Press "▲" or "▼" to change the flashing digits.
After the first value is set, press **MODE** again.
Continue setting month, date, hour, minute and Fahrenheit or Celsius display. When you've set the last value, press **MODE** for the last time to return to regular mode.

SETTING THE ALARM

To set an alarm.

1. Press [🔔 SET] once to display alarm time on the second line of the LCD display.
 - The bell icon SET with digit 1 will appear.
2. Press and hold [🔔 SET] for two seconds.
 - The hour digit will flash.
3. Enter the hour using [▼] or [▲].
4. Press [🔔 SET] again. The minute digits will flash.
5. Enter the minutes using [▼] or [▲].
6. Press [🔔 SET] again to choose the snooze interval.
7. Enter the snooze interval in minutes using [▼] or [▲].
8. Press [🔔 SET] the last time to exit.
9. Repeat the same procedure to set the second alarm.

SNOOZE

When the alarm sounds, press the **SNOOZE/LIGHT** button to temporarily stop the alarm. If not disabled, the alarm sound will resume after 5 minutes.

If the alarm is not disabled after that, it will sound for 4 more minutes and then will stop by itself.

DISABLING ALARM

1. Press [🔔 SET] button to disable alarm 1.
2. Repeat the same procedure to disable alarm 2.

ALARM

* Two Single Day Alarms

The alarm will sound and the alarm icon will flash at the set time.

