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Batteries

Explanation: Many problems are resolved with fresh batteries of the appropriate voltage. Many items sent in under warranty work when tested with fresh batteries. Batteries manufactured this year will have an expiration date 10 years (or more) in the future. Battery technology has improved and batteries will maintain voltage longer in storage. However, the environment the batteries reside in for the 10 years can deplete the power.

- ✓ We suggest name brand Alkaline batteries for **indoor displays**.
- ✓ A minimum voltage of 1.48V for each battery is necessary for proper performance.

- ✓ Use batteries dated at least six years in advance of the current year. Batteries dated earlier than six years from now may still work, but may be unstable in performance.
- ✓ Good name brand batteries make less noise, which reduces the chance of RF (radio frequency) interference from the battery compartment.

Set Time Zone

This atomic alarm clock offers four time zones:

- ✓ E = Eastern
- ✓ C = Central
- ✓ M = Mountain
- ✓ P = Pacific

The atomic alarm clock works in North America. Outside of North America, the atomic alarm clock will not receive a WWVB signal, but will keep time like a quartz clock.

Atomic Alarm Clock Factory Restart

Explanation: The factory restart returns the atomic alarm clock to an “out-of-the-box” state and often resolves an issue.

Factory Restart:

1. Remove all power from the alarm clock.
2. Press one of the buttons on the alarm clock at least 20 times to clear all memory.
3. Verify that the alarm clock is blank
4. **Leave without power for 15 minutes** (very important).
5. Insert fresh batteries into the alarm clock.
6. Do not press buttons for 5 minutes.

12-Hour or 24-Hour Time Format

- ✓ Display the time in 12-hour or 24-hour format
- ✓ Default is 12-hour time
- ✓ Use the [Program Menu](#) to switch time formats

Fahrenheit/Celsius

- ✓ Use the [program menu](#) to change from Fahrenheit to Celsius.

Inaccurate Indoor Temperature Reading

- ✓ Check for sources of heat near the clock.
- ✓ [Batteries](#) may be overpowered or underpowered. Remove power from the alarm clock.
- ✓ Press any button 20 times. Leave the alarm clock unpowered for 1-2 hours.
- ✓ Install fresh Alkaline batteries with correct polarity.

Does the clock have a backlight?

Yes, this atomic alarm clock has a backlight. Press and release the SNOOZE/LIGHT button and the backlight will show for 8 seconds, when operating on batteries only.

Time is off by hours

- ✓ Check to see if the [WWVB](#) Tower icon appears on the atomic alarm clock. If not, the atomic alarm clock has not received a WWVB time signal in the past 24 hours.
- ✓ Reposition the atomic alarm clock with the front or back facing Colorado.
- ✓ Check that the [Time Zone](#) selected correctly reflects your location. Adjust the time zone in the [Program Menu](#).
- ✓ Check that the DST indicator is correct for your location (most areas observe DST so this should be ON). Adjust the DST indicator in the [Program Menu](#).
- ✓ Large buildings, metal roofed buildings and buildings or rooms full of electrical and/or radio equipment make it difficult to receive the WWVB time signal.

Daylight Saving Time

- ✓ Dependent on your location, position of the clock in your home, and atmospheric interference, it may take up to 5 nights for the change from Daylight Savings Time to Standard Time and vice-versa to occur.
- ✓ Check for a [WWVB](#) Tower Icon showing on the atomic alarm clock. The tower icon indicates you have received the WWVB signal from Ft Collins CO in the past 24 hours.
- ✓ Check that the clock is in the correct [Time Zone](#).
- ✓ Check whether the DST indicator is ON or OFF. If the indicator is OFF the clock will not change.
- ✓ Check for fresh [batteries](#). Without proper batteries, the antenna will have a harder time picking up the signal.
- ✓ Position the atomic alarm clock in a window (*with the front or back*) facing Ft. Collins, Colorado and leave for up to five nights. If you do not have a window facing this direction, position the clock near an outside wall and point the unit in this general direction.

Manually Set Time/Date: Program Menu

- ✓ Hold the **TIME SET** button for 5 seconds, to enter time set mode.
- ✓ Press the **▲** or **▼** buttons to adjust values.
- ✓ Press the **TIME SET** button to confirm adjustments and move to the next item.

Program Menu:

1. Hold the TIME SET button for 5 seconds. **RCC** and **ON** will flash.
2. Press the **▲** or **▼** buttons to turn time signal reception OFF.
3. Press the TIME SET button to confirm adjustments, then select 12/24 hour time.
4. **12H** will flash. Press the **▲** or **▼** buttons to select 24 hour time format.
Note: 12-hour time = Month/Date display
5. 24-hour time = Day/Month display
6. Press the TIME SET button to confirm adjustments, then select your time zone.

P = Pacific
M = Mountain
C = Central
E = Eastern

7. Press the ▲ or ▼ buttons to change time zones.
8. Press the TIME SET button to confirm adjustments, then set the hour.
9. The **hour** will flash. Press the ▲ or ▼ buttons to adjust the hour.
10. Press the TIME SET button to confirm adjustments and move to minutes.
11. The **minutes** will flash. Press the ▲ or ▼ buttons to adjust the minutes.
12. Press the TIME SET button to confirm adjustments and move to the year.
13. The **year** will flash. Press the ▲ or ▼ buttons to adjust the year.
14. Press the TIME SET button to confirm adjustments and move to month.
15. The **month** will flash. Press the ▲ or ▼ buttons to adjust the month.
16. Press the TIME SET button to confirm adjustments and move to date.
17. The **date** will flash. Press the ▲ or ▼ buttons to adjust the date.
Note: Weekday will set automatically, when year, month, date are set.
18. Press the TIME SET button to confirm adjustments and move to daylight saving time indicator (DST).
19. **DST** and **ON** will flash. Press the ▲ or ▼ buttons to turn off the DST indicator.
20. Press the TIME SET button to confirm adjustments and select Fahrenheit or Celsius.
21. °**F** will flash. Press the ▲ or ▼ buttons to choose Celsius.
22. Press the TIME SET button to confirm adjustments and exit.

No WWVB Tower Icon

- ✓ The atomic alarm clock has not received a WWVB time signal in the past 24 hours.
- ✓ Position the atomic alarm clock for better reception.
- ✓ Hold the **DOWN** button to send the Atomic alarm clock on a WWVB signal search at night.
- ✓ Allow up to 5 nights to receive the time signal.

Set Time Alarm

The clock has two separate time alarms. Setting the alarms and activating the alarms are separate actions.

SET ALARM 1 and ALARM 2

1. Hold the **AL-SET** button for 2 seconds to enter alarm time set mode for Alarm 1
2. Press the ▲ or ▼ buttons to adjust the alarm time. The minutes and hours are set together.
3. Hold the ▲ or ▼ buttons to change quickly.
4. Press the **AL-SET** button to confirm and move to Alarm 2.
5. Press the ▲ or ▼ buttons to adjust the alarm time. The minutes and hours are set together.
6. Hold the ▲ or ▼ buttons to change quickly.
7. Press the **AL-SET** button to confirm and exit

Activate/Deactivate Time Alarm

- ✓ To activate or deactivate Alarm 1 or Alarm 2, use the slide bars on the back of the clock.
- ✓ There is a slide bar (ON/OFF) for **AL 1** and for **AL 2**.
- ✓ When active, Alarm 1 will show in the Date display with alarm icon.
- ✓ When active, Alarm 2 will show in the Temperature display with alarm icon.

Snooze Alarm

- ✓ When alarm sounds, press the **SNOOZE/LIGHT** button to silence the alarm for 5 minutes.
- ✓ The alarm icon will flash.
- ✓ Snooze may be repeated up to 7 times.
- ✓ In snooze mode, press any button except SNOOZE/LIGHT to stop alarm for one day.
- ✓ **Note:** The alarm is crescendo sound. The alarm will sound for 2 minutes and then shut off completely if no buttons are pressed.

Display Modes

- ✓ The date may be displayed as the **Month/Date** format or as the **Date/Month** format.
- ✓ Press the ▲ button to select **12**-hour time and the **Month/Date** format.
- ✓ Press the ▲ button again to select **24**-hour time and the **Date/Month** format.

Atomic Alarm Clock is blank: No letters, numbers or dashed lines

- ✓ Check that the batteries are installed correctly.
- ✓ [Batteries](#) may be overpowered or underpowered.
- ✓ Remove batteries from alarm clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the alarm clock.

Atomic Alarm Clock drains batteries quickly

- ✓ Test a new set of alkaline batteries. Write down the date of installation and the voltage of the batteries.
- ✓ When the batteries fail, please note the date and voltage again. This is helpful in determining the problem.
- ✓ Check for leaking batteries, which may damage the alarm clock.

Atomic Alarm Clock has missing segments

Explanation: When parts of numbers, letters, or pictures are missing on the display, it is often power related.

- ✓ With all power removed, the alarm clock should be blank.
- ✓ If numbers still appear, please check for scratch guard.

Power:

- ✓ Check that the batteries are installed correctly.

- ✓ This is generally a power related issue.
- ✓ Batteries may be overpowered or underpowered.
- ✓ Remove batteries from alarm clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the alarm clock.