513-1211 FAQS

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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.

Atomic Digital Clock Factory Restart

Explanation: The factory restart returns the Atomic Digital Wall Clock to an "out-of-the-box" state and often resolves an issue.

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

Atomic Wall Clock

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

Supported Time Zones

Slide the time zone selector bar on the back of the clock to choose the time zone for your area.
This Atomic Digital Wall Clock offers four time zones:
- ✓ EST= Eastern
- ✓ CST= Central
- ✓ MST= Mountain
- ✓ PST= Pacific

The Atomic Digital Wall Clock works in North America. Outside of North America, the Atomic Digital Wall Clock will not receive a WWVB signal, but will keep time like a quartz clock.

Time is off by hours

- ✓ Check to see if the WWVB Tower icon appears on the atomic wall clock. If not, the Atomic Digital Wall Clock has not received a WWVB time signal in the past 24 hours.
- ✓ Reposition the Atomic Digital Wall Clock with the front or back facing Colorado.
- ✓ Check that the Time Zone selected correctly reflects your location.
- ✓ Check that the DST indicator is correct for your location (most areas observe DST so this should be ON). Adjust the DST indicator with the DST/- button.
- ✓ 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 wall 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 Digital Wall 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

Program menu buttons:
- ✓ Hold the SET button to enter time set mode.
- ✓ To adjust values press the WAVE/+ or DST/- buttons.
- ✓ Press the SET button to confirm adjustments and move to the next item.
- ✓ Press SET to exit, or wait 30 seconds without pressing buttons to return to the normal time display.

To set:
Hold the SET button for 3 seconds and the LCD will flash.

- **12/24-HOUR TIME**: 12h or 24h will flash. Press and release the WAVE/+ button to select 12-hour or 24-hour time format. Press and release the SET button to confirm and set the **hour**.
- **HOUR**: The hour will flash. Press and release the WAVE/+ button to select the hour. Press and release the SET button to confirm and set the **minutes**.
- **MINUTES**: The minutes will flash. Press and release the WAVE/+ button to select the minutes. Press and release the SET button to confirm and select the **year**.
- **YEAR**: The year will flash. Press and release the WAVE/+ button to select the year. Press and release the SET button to confirm and set the **month**. (Year will only show during setup).
- **MONTH:** The month will flash. Press and release the WAVE/+ button to select the month. Press and release the SET button to confirm set the **date**.
- **DATE**: The date will flash. Press and release the WAVE/+ button to select the date. (The weekday will set automatically). Press and release the SET button to confirm and exit.

Does the clock have a backlight?

✓ No this clock does not have a backlight.

How tall are the Time Numbers?

✓ The time numbers are 4 inches tall.

No WWVB Tower Icon

✓ The Atomic Digital Wall Clock has not received a WWVB time signal in the past 24 hours.
✓ Position the Atomic Digital Wall Clock for better reception.
✓ Hold the WAVE/+ button to send the Atomic Digital Wall Clock on a WWVB signal search at night.
✓ Allow up to 5 nights to receive the time signal.

Set Time Alarm

Press and release the SET button once to enter Alarm Mode. The letters **AL** will show in the seconds display.

1. **HOUR**: Hold the SET button for 3 seconds. The hour will flash. Press and release the WAVE/+ button to select the hour. Press and release the SET button to confirm and set the minutes.
2. **MINUTES**: The minutes will flash. Press and release the WAVE/+ button to select the minutes. Press and release the SET button to confirm and exit.

Activate/Deactivate Time Alarm

ACTIVATE:
✓ In Alarm Mode press and release the WAVE/+ or DST/- button to switch the alarm on or off.
✓ When the alarm is ON the alarm icon will appear between the hours and the minutes.

DEACTIVATE:
✓ In Alarm Mode press and release the WAVE/+ or DST/- button to switch the alarm on or off.
✓ When the alarm is OFF the icon will disappear.

Snooze Alarm

✓ When the alarm sounds, press the SNOOZE button and the alarm will become silent for 5 minutes.
✓ The snooze icon will flash when the snooze function is active.
✓ While the snooze feature is active, press any button other than SNOOZE to deactivate the snooze function.
✓ The snooze icon will disappear.

Atomic Digital Wall Clock is dim

Explanation: Most wall clocks have a gray background. Place the wall clock at eye level, to determine if it is dim. Wall clocks that sit in the sunlight can develop a cloudy film over time.
✓ This is generally a power related issue.
✓ Batteries may be overpowered or underpowered. Remove batteries from wall clock.
✓ Press any button 20 times. Leave the wall clock unpowered for 1-2 hours.
✓ Install fresh alkaline batteries with correct polarity.

Atomic Digital Wall Clock has distorted or frozen display

Explanation: On a brand new wall clock, check for thin plastic film of **printed scratch guard** that may be on the screen of the wall clock. This thin piece of plastic has printed numbers for store displays. When the batteries are installed, the "real" numbers show behind the printed scratch guard and create distortion.
- ✓ With all power removed, the wall 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 wall clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the wall clock.

Atomic Digital Wall 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 wall clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the wall clock.

Atomic Digital Wall 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 wall clock.
- ✓ Battery life is over 12 months when using reputable battery brands.

Atomic Digital Wall Clock has missing segments

Explanation: When parts of numbers, letters, or pictures are missing on the display, it is often power related.
- ✓ Batteries may be overpowered or underpowered. Remove batteries from wall clock.
- ✓ Press any button 20 times. Leave the wall clock unpowered for 1-2 hours.
- ✓ Install fresh alkaline batteries with correct polarity.