515-1419 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.

Digital Clock Factory Restart

Explanation: The factory restart returns the clock and outdoor sensor to an "out-of-the-box" default state and often resolves an issue.

Factory Restart:
1. Remove all power from clock.
2. Press one of the buttons on the clock at least 20 times to clear all memory.
3. Verify that the clock is blank before proceeding (there may be lines painted on the screen that will show when there is no power).
4. **Leave without power for 15 minutes** (very important).
5. Insert fresh batteries into the clock.

Display Indoor Temperature or Seconds

- ✓ Press the MODE button to toggle between indoor temperature, or seconds.
- ✓ This is a normal feature of the clock.

Fahrenheit/Celsius

- ✓ Use the program menu to switch from Fahrenheit to Celsius.

12-Hour Time Format

- ✓ Use the program menu to switch from select 12-hour or 24-hour time format..

Supported Time Zones

- ✓ This clock has 7 Time Zones: **AST**=Atlantic, **EST**= Eastern, **CST**= Central, **MST**= Mountain, **PST**= Pacific, **AKT**= Alaska, **HAT**=Hawaiian The digital clock works in North America.
- ✓ Outside of North America, the digital clock will not receive a WWVB signal, but will keep time like a quartz clock.

Dashes, HHH, LLL or Stuck Indoor Temperature

Explanation: These symbols are error messages indication the indoor sensor is outside of its readable range. For indoor readings, this is generally a power related issue.

- ✓ This is generally a power related issue.
- ✓ <u>Batteries</u> may be overpowered or underpowered. Remove batteries from atomic digital clock.
- ✓ Press any button 20 times. Leave the digital clock unpowered for 1-2 hours.
- ✓ Insert fresh alkaline batteries with correct polarity.
- ✓ If the indoor temperature is still dashes or HHH, LLL, the digital clock may need replacement.

Does the clock have a backlight?

- ✓ No, as this clock is battery operated there is no backlight.

Time is off by hours

- ✓ Check to see if the <u>WWVB</u> Tower icon appears on the atomic digital clock. If not, the digital clock has not received a WWVB time signal in the past 24 hours.
- ✓ Reposition the digital clock with the front or back facing Colorado.
- ✓ Check that the <u>Time Zone</u> selected correctly reflects your location. Adjust the time zone in the <u>Program Menu.</u>
- ✓ 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 <u>Program Menu.</u>
- ✓ 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 <u>WWVB</u> Tower Icon showing on the atomic digital 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 <u>Time Zone</u>.
- ✓ Check whether the DST indicator is ON or OFF. If the indicator is OFF the clock will not change.
- ✓ Check for fresh <u>batteries</u>. Without proper batteries, the antenna will have a harder time picking up the signal.
- ✓ Position the digital 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

There are seven function buttons: MODE, + (PLUS), - (MINUS), ALARM and SNOOZE.

Time set order:
1. Beep ON/OFF
2. WWVB ON/OFF
4. Time Zone
3. DST ON/OFF (Daylight Saving Indicator)
5. 12/24 hour time format
6. Hour
7. Minutes
8. Year
9. Month
10. Date
11. Fahrenheit/Celsius

Note: 20 seconds without button press will return to normal time display.

1. Hold the MODE button for 3 seconds to enter set mode.
2. BEEP ON will appear. Press the + or - button to turn OFF the beep sound.
3. Press the MODE button to confirm and select Atomic ON/OFF.
4. ATOMIC ON will show. Press the + or - button to turn OFF the Atomic time signal.
   Note: If ATOMIC is set to OFF, you will skip the next two items and go directly to the hour.
5. Press the MODE button to confirm and select Time Zone.
6. TIME ZONE EST will show. Press the + or - button to select your time zone. AST=Atlantic, EST= Eastern, CST= Central, MST= Mountain, PST= Pacific, AKT= Alaska, HAT=Hawaiian
7. Press the MODE button to confirm and select Daylight Savings Time ON/OFF.
8. DST ON will show. Press the + or - button to turn that OFF if you do not observe Daylight Saving Time).
9. Press the MODE button to confirm and select 12 hour or 24 hour time format.
10. FORMAT 12H will show. Press the + or - button to select 24H.
11. Press the MODE button to confirm and select the hour.
12. HOUR will appear. Press the + or - button to adjust the hour.
13. Press the MODE button to confirm and select the minutes.
14. MINUTES will appear. Press the + or - button to adjust the minutes.
15. Press the MODE button to confirm and select the year
16. The YEAR will appear. Press the + or - button to adjust the year.
17. Press the MODE button to confirm and select the month.
18. The MONTH will appear. Press the + or - button to adjust the month.
19. Press the MODE button to confirm and select the date.
20. DATE will appear. Press the + or - button to adjust the date.
21. Press the MODE button to confirm and select the temperature unit.
22. TEMP °F will appear. Press the + or - button to select °C.
23. Press the MODE button to confirm and exit.

No WWVB Tower Icon

- ✓ The digital clock has not received a WWVB time signal in the past 24 hours.
- ✓ <u>Position</u> the digital clock for better reception.
- ✓ Press and release the PLUS button to send the digital clock on a WWVB signal search at night.
- ✓ Allow up to 5 nights to receive the time signal.

Set Time Alarm

The alarm will be active when set.
1. Press and release ALARM: Alarm Hour will show
2. Use the +/- button to select.
3. Hold then release ALARM 3 seconds: Alarm Minutes will show
4. Use the +/- button to select.
5. Press and release the ALARM button to confirm and exit.

Activate/Deactivate Time Alarm

- ✓ The alarm is active when set.
- ✓ From normal time display, Press and release and release the ALARM button to deactivate or activate the alarm.
- ✓ The alarm icon (clock) will show when active.

Snooze Alarm

- ✓ When the alarm sounds, Press and release the SNOOZE button to silence the alarm for 10 minutes.
- ✓ The snooze icon Zz will flash.
- ✓ Press and release any button except SNOOZE to silence the alarm for 24 hours.
- ✓ This is a crescendo alarm. It will sound for 2 minutes then shut off if no buttons are Press and released.

Indoor Comfort Statement

- ✓ The indoor comfort indicator tells you at a glance if the humidity level in your home is humid, comfortable or dry.
- ✓ With this indicator, you can decide to add or remove humidity for optimal comfort.

Digital clock has distorted or frozen display

Explanation: On a brand new digital clock, check for thin plastic film of **printed scratch guard** that may be on the screen of the digital 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 digital 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.
- ✓ <u>Batteries</u> may be overpowered or underpowered.
- ✓ Remove batteries from digital clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the digital clock.

Digital clock is blank: No letters, numbers or dashed lines

- ✓ Check that the batteries are installed correctly.
- ✓ <u>Batteries</u> may be overpowered or underpowered.
- ✓ Remove batteries from digital clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the digital clock.

Day of the week is incorrect.

- ✓ Check the year setting in the <u>program menu</u>. The day of the week sets automatically based on the setting of the year, month and date.

Digital 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 digital clock.

Digital 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 digital 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.
- ✓ <u>Batteries</u> may be overpowered or underpowered.
- ✓ Remove batteries from digital clock.
- ✓ Press any button 20 times. Leave the batteries out of the display for 2 hours.
- ✓ Insert batteries into the digital clock.