

513-1419 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 digital clock to an “out-of-the-box” state and often resolves an issue.

Factory Restart:

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

Fahrenheit/Celsius

- ✓ Use the [program menu](#) to select Fahrenheit or Celsius temperature display.

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

- ✓ This clock has 7 Time Zones: **AST** = Atlantic, **EST** =Eastern, **CST** =Central, **MST** =Mountain, **PST** = Pacific, **AKT** = Alaska & **HAT** = Hawaii
- ✓ 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.

How do I change Language?

- ✓ This clock will display weekday and month in English or Spanish.
- ✓ Use the [Program Menu](#) to select language

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 [WWVB](#) 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 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 (On this clock, please change the DST setting to OFF unless you live in Arizona). 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 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 Time Zone.
- ✓ Check whether the DST indicator is ON or OFF. On this clock, please change the DST setting to OFF unless you live in Arizona.
- ✓ Check for fresh batteries. 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.

Different Information Displayed

- ✓ This clock offers three different display modes.
- ✓ Press and release the MODE button to select different modes.
 1. Weekday, Month, Date
 2. Day, Month, Date, Indoor Temperature
 3. Day, Month, Date, Indoor Temperature

Manually Set Time/Date: Program Menu

1. Hold the MODE button for five seconds to enter settings mode.
2. ENGLISH will show for language. Press the + or – button if you want ESPANOL.
3. Press MODE to select BEEP ON/OFF.
4. BEEP ON will show. Press the + or – button to select BEEP OFF and silence the beep when buttons are pressed.
5. Press MODE to select ATOMIC ON/OFF.
6. ATOMIC ON will show. Press the + or – button to select ATOMIC OFF if you do not want the atomic time signal.

NOTE: If ATOMIC OFF is selected, you will skip Time Zone and DST settings and move 12/24 hour time.
7. Press MODE to select Time Zone.
8. ZONE EST will show. Press the + or – button to select a different time zone.

9. Press MODE to select DST On/OFF.
10. DST ON will show. Press the + or – button to select DST OFF (unless you live in Arizona, then select ON).
11. Press MODE to select 12/24 hour time format.
12. 12H will show. Press the + or – button if you prefer 24 hour time format.
13. Press MODE to select Hours.
14. The Hour will show. Press the + or – button to adjust the hour.
15. Press MODE to select the Minutes.
16. The Minutes will show. Press the + or – button to adjust the minutes.
17. Press MODE to select the Year.
18. The Year will show. Press the + or – button to adjust the year.
19. Press MODE to select the Month.
20. The Month will show. Press the + or – button to adjust the month.
21. Press MODE to select the Date.
22. The Date will show. Press the + or – button to adjust the date.
23. Press MODE to select Fahrenheit/Celsius.
24. The °F will show. Press the + or – button to select Celsius.
25. Press MODE to confirm and exit.

No WWVB Tower Icon

- ✓ The digital clock has not received a WWVB time signal in the past 24 hours.
- ✓ Position the digital clock for better reception.
- ✓ Allow up to 5 nights to receive the time signal.

Set Time Alarm

- ✓ HOUR: Press and hold down the ALARM button for 2 seconds until the Hours flash. Use the +/- buttons to set the Hour. Press ALARM button to confirm the setting
- ✓ MINUTES: The Minute display of the Alarm time starts to flash. Use the +/- to set the required minute. Press ALARM button to confirm the setting and to end the setting procedure.

Activate/Deactivate Time Alarm

- ✓ Hold the ALARM button to enter alarm settings. "AL" will show.
- ✓ Press and release ALARM to activate/deactivate the alarm.
- ✓ The bell icon will show when active.
Note: When the alarm sounds, it will continue for two minutes then shut off.

Snooze Alarm

- ✓ When the alarm sounds, press the SNOOZE button to trigger snooze alarm for 10 minutes.
- ✓ This crescendo alarm will sound for 120 seconds if not deactivated. Press any button to stop the alarm for 24 hours.

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.
- ✓ [Batteries](#) 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.
- ✓ [Batteries](#) 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 [program menu](#).
- ✓ 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.
- ✓ [Batteries](#) 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.