

LA CROSSE®  
TECHNOLOGY

# Atomic Digital **Wall Clock**



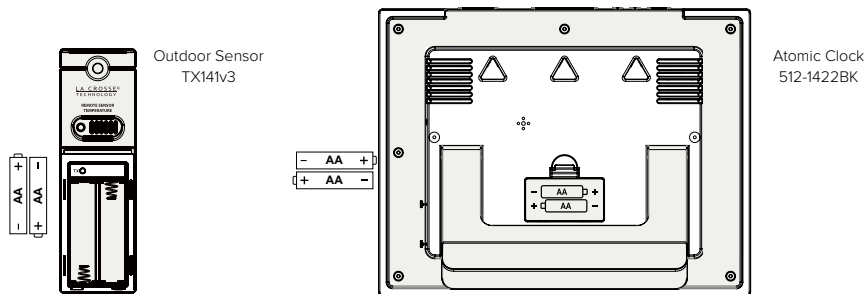
SET UP GUIDE

MODEL: 512-1422BK

## POWER UP

1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert 2-AA batteries Into your Atomic Clock.
3. Enter the Settings Menu to adjust your time and date.
4. Once the sensor is reading to your clock, place the sensor outside in a shaded location. View our sensor mounting video here:

[bit.ly/th\\_sensor\\_mounting](http://bit.ly/th_sensor_mounting)



## ATOMIC TIME

- The clock will search for the Atomic Time Signal at power up and at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- The Atomic Time Signal Icon (📡) will flash while searching and be solid when it has connected.
- From the normal time display, hold the **(-) MINUS** button to manually start or stop a search for the WWVB time signal. For information about WWVB visit: [bit.ly/AtomicTime](http://bit.ly/AtomicTime)

## SETTINGS MENU

1. Hold the **SET** button until the display changes to enter the Settings Menu.
2. Press and release the **+** or **-** buttons to adjust values. Hold to adjust quickly.
3. Press and release the **SET** button to confirm values and move to the next setting or exit the menu.

### Settings Menu Order:

- Atomic Time ON/OFF
- Time Zone
- Daylight Saving Time ON/OFF
- 12/24 Hour Time Format
- Hour
- Minutes
- Year
- Month
- Date

### Time Zones

- AST = Atlantic
- EST = Eastern
- CST = Central
- MST = Mountain
- PST = Pacific
- AKT = Alaska
- HAT = Hawaii

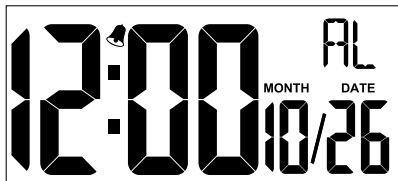
### Notes:

- **Atomic Time:** If Atomic OFF is selected, the menu will skip the DST and Time Zone settings and move straight to the 12/24-Hour Time Format setting.
- **Daylight Saving Time:** If you live in an area that follows DST, keep this setting ON. If your area does not follow DST, turn this setting OFF.
- **Weekday:** Your weekday display will adjust automatically once you have your Year, Month, and Date settings set correctly.

## TIME ALARM


### Set Alarm:

1. Hold the **ALARM** button until the letters “AL” show in the weekday area.
2. Press and release the + or - button to adjust the values. Hold to adjust quickly.
3. Press and release the **ALARM** button to confirm and move to the next item or exit.



**Silence a Sounding Alarm:** Press any button except SNOOZE to silence the alarm for 24 hours.

### Activate/Deactivate Alarm:

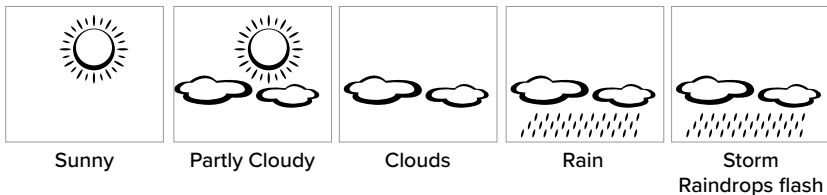
- Press and release the **ALARM** button to view the Alarm Time. Press and release again to activate or deactivate the alarm.
- The Alarm Icon  will show when alarm is active.

**Snooze:** When the alarm is active, press the **SNOOZE** button to silence the alarm for 10 minutes. Zz will show.

**Note:** The alarm will sound with increasing frequency for two minutes, then shut off automatically if not silenced.

## FORECAST ICONS

- The forecast icons use the clock's internal barometer to predict conditions to come within the next 12 hours.
- Allow 7-10 days for station calibration for most accurate forecasts.
- For more forecast information watch our video here: [bit.ly/forecast\\_vid](https://bit.ly/forecast_vid)



## FORECAST TREND ARROWS

The Forecast Trend Arrows indicate the rising and falling of atmospheric pressure in your area over the past 3 hours.



Pressure has risen over the past 3 hours.



Pressure has been steady over the past 3 hours.



Pressure has fallen over the past 3 hours.

## FAHRENHEIT or CELSIUS

Press and release the **SET** button to switch between Fahrenheit or Celsius Temperature Display. Your clock will stay on the selection.

## TEMPERATURE TREND ARROWS

Both the Indoor and Outdoor Temperature values have Trend Arrows to indicate changes (2°F/1°C or more) over the past one hour period.



Temperature has risen over the past hour.





Temperature has been steady over the past hour.



Temperature has fallen over the past hour.

## LOW BATTERY INDICATOR

- Low Battery Icon  by Outdoor Temperature, replace batteries in the Outdoor Sensor.
- Low Battery Icon  by Indoor Temperature, replace batteries in the Clock.

## BUTTON FUNCTIONS

<b>SET</b>	Press and release to select Fahrenheit or Celsius Temperature Display. Hold until the display changes to enter the Settings Menu. <b>Settings:</b> Press and release to move to next menu item.
<b>+</b>	Hold until the display changes to search for Outdoor Sensor. <b>Settings:</b> Press to adjust settings. Hold to adjust quickly.
<b>-</b>	Hold to search for Atomic Time Signal. <b>Settings:</b> Press to adjust settings. Hold to adjust quickly.
<b>SNOOZE</b>	When alarm sound, press and release to silence alarm for 10 minutes.
<b>ALARM</b>	Hold until the display changes to enter the Alarm Settings. Press and release to view alarm time. Press again to activate/deactivate alarm.


## SENSOR WEATHER SHIELD

- The Sensor Weather Shield (sold separately) is designed to protect your outdoor sensor from rain and snow.
- This shield will offer limited protection from the sun's heat.
- Optional purchase at: [bit.ly/925-1418](https://bit.ly/925-1418)



## SEARCH FOR OUTDOOR SENSOR

**If you are seeing dashes for your outdoor readings, please try the following steps:**

1. Hold the **PLUS** button to search for your outdoor sensor. The Reception Indicator  will begin to animate.
2. If after 3 minutes the sensor still isn't connected, bring the sensor inside next to the display and remove power from both the sensor and clock.
3. Press any button on the clock 20 times and leave the parts sit for a few moments with the power off.
4. Install a new set of alkaline batteries into the sensor, then into your clock. For additional help visit: [bit.ly/basic\\_restart](https://bit.ly/basic_restart)
5. If your outdoor data is still not appearing after these steps, please contact our support staff via the links below.

## WE'RE HERE TO HELP

Still have questions? Use the links below to find additional resources or reach out to our staff directly.

Self-Help: [bit.ly/512-1422bk\\_support](https://bit.ly/512-1422bk_support)

Online Support: [bit.ly/contact\\_techsupport](https://bit.ly/contact_techsupport)

Phone: 608-782-1610

Our friendly support team based in La Crosse, WI is available Mon-Fri, 9am-6pm CST.

## STAY IN TOUCH!

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on YouTube, Twitter, Facebook and Instagram.



## WARRANTY & PATENTS

La Crosse Technology, Ltd. provides a **1-year limited time warranty** (from date of purchase) on this product relating to manufacturing defects in materials & workmanship.

La Crosse Technology, Ltd,  
2830 S. 26th St.  
La Crosse, WI 54601

For Full Warranty Details, Visit: [www.lacrossetechnology.com/pages/warranty](https://www.lacrossetechnology.com/pages/warranty)  
Patents: [www.lacrossetechnology.com/pages/patent](https://www.lacrossetechnology.com/pages/patent)

**SCAN HERE**  
*Additional Info.  
and Support* ✓





## SPECIFICATIONS

### **Atomic Clock** ([512-1422BK](#))

- **Temperature Range:**  
32°F to 122°F (0°C to 50°C)
- **Power Requirements:**  
2-AA, IEC, LR6 batteries (not included)
- **Dimensions:** 11" L x 1.1" W x 8.54" H  
(27.9 cm L x 2.8 cm W x 21.7 cm H)

### **Outdoor Sensor** ([TX141v3](#))

- **Temperature Range:**  
-40°F to 140°F (-40°C to 60°C)
- **Transmission Range:**  
Over 330 ft. open air  
(100 meters) RF 433MHz
- **Update Interval:**  
About every 51 seconds
- **Power:**  
2-AA, IEC, LR6 batteries (not included)
- **Battery Life:**  
Over 12 months
- **Dimensions:**  
1.57" L x 0.79" W x 5.12" H  
(4.0cm L x 2.0cm W x 13.0 H cm)

## CARE AND MAINTENANCE

When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from product during periods of non-use. Battery leakage can cause corrosion and damage to this product.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.

## FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### **Caution!**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## CALIFORNIA RESIDENTS



### **CA WARNING:**

This product can expose you to chemicals including acrylonitrile, butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**All rights reserved.** This manual may not be reproduced in any form, even in part, or duplicated or processed using electronic, mechanical or chemical process without the written permission of the publisher.

This booklet may contain errors or misprints. The information it contains is regularly checked and corrections are included in subsequent editions. We disclaim any responsibility for any technical error or printing error, or their consequences.

All trademarks and patents are recognized.