

LA CROSSE®  
TECHNOLOGY

# ATOMIC DIGITAL WALL CLOCK

WITH INDOOR/OUTDOOR TEMPERATURE & MOON PHASE



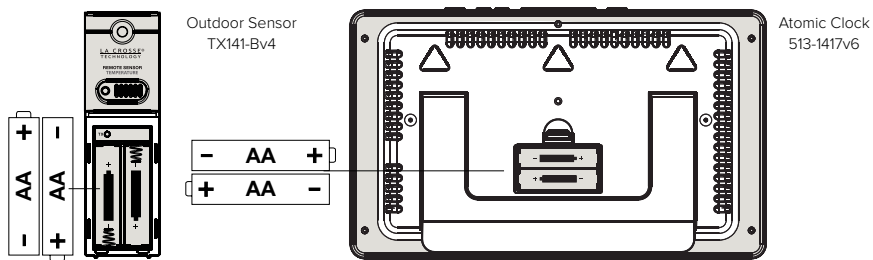
SET UP GUIDE

MODEL: 513-1417v6

## POWER UP

1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert 2-AA batteries into your 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](https://bit.ly/th_sensor_mounting)



## Atomic Time Signal

- 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, press the **SET** button to manually start or stop a search for the WWVB time signal. For information about WWVB visit: [bit.ly/atomic\\_time](https://bit.ly/atomic_time).

## SETTINGS MENU

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

### Settings Menu Order:

- Language English | Spanish
- Beep ON | OFF
- Atomic ON | OFF
- DST ON | OFF (Daylight Saving Time)
- Time Zone
- Hour
- Minutes
- Year
- Month
- Date
- Fahrenheit | Celsius

### TIME ZONES

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

**Language:** Whichever language is selected, the following instructions and weekday will be presented in that language.

**Atomic Off:** When Atomic Off is selected your next setting will be the Hour.

**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 to enter alarm setting mode. ALARM will show and the hour will flash. Press and release the **+** or **-** buttons to choose the hour.
2. Press and release the **ALARM** to confirm and move to the minutes. The minutes will flash. Press and release the **+** or **-** buttons to choose the minutes.
3. Press and release the **ALARM** button to confirm and exit.
4. Press and release the **SNOOZE** button at any time to 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. The alarm icon  will flash while snoozing.

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

## MOON PHASE

The moon phase is based on the Lunar Calendar and the year, month, and date settings.



New Moon



Small Waxing  
Crescent



Large Waxing  
Crescent



First Quarter



Small Waxing  
Gibbous



Large Waxing  
Gibbous



Full Moon



Large Waning  
Gibbous



Small Waning  
Gibbous



Last Quarter



Large Waning  
Crescent



Small Waning  
Crescent

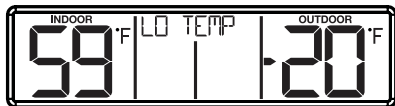
## HI / LO TEMPERATURE

High and Low Temperature Records will automatically reset daily at midnight.

- Press and release the **+ (PLUS)** button once to view High Indoor and Outdoor Temperatures.
- Press and release the **+ (PLUS)** button twice to view Low Indoor and Outdoor Temperatures.
- Press again to return to normal time display.

### Manually Reset Records:

- Hold the **+ (PLUS)** button to manually reset the High and Low records.



## TEMPERATURE TREND ARROWS

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



Temperature has risen over the past three hours.




Temperature has been steady over the past three hours.





Temperature has fallen over the past three hours.

## SEARCH FOR OUTDOOR SENSOR

If you are seeing **NO** for your outdoor readings, please try the following steps:

1. Hold the - (**MINUS**) 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)

## LOW BATTERY INDICATOR

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

## We're Here to Help

If you require additional assistance, get in touch with our friendly customer support team based in La Crosse, WI.

Self Help: [bit.ly/513-1417v6\\_support](https://bit.ly/513-1417v6_support)

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

Phone: 1.608.782.1610

Our knowledgeable customer support team is available:  
Mon-Fri 8am-6pm CST


SCAN HERE  
Additional Info  
and Support 



## Stay in Touch!

Ask questions, watch set up videos, and provide feedback on our social media outlets. Follow La Crosse Technology on Youtube, Facebook, Instagram, & and (Twitter).

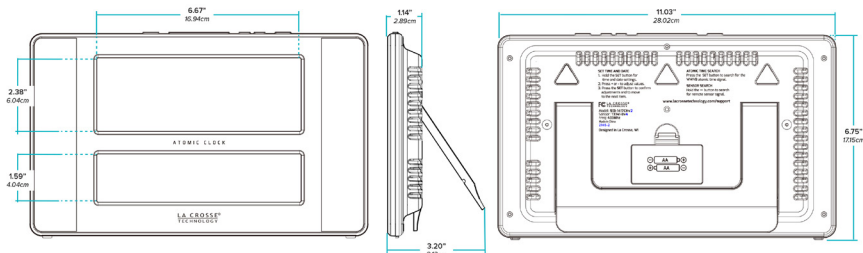


 **WARNING:** This product can expose you to chemicals including acrylonitrile, 1, 3-butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# SPECIFICATIONS

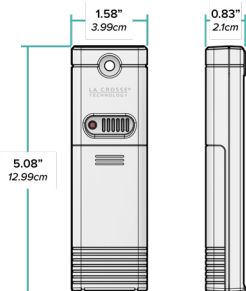
## Atomic Clock (513-1417v6)

- **Temperature Range:** 32°F to 122°F (0°C to 50°C)
- **Update Interval:** About every 51 seconds
- **Power:** 2-AA, IEC, LR6 batteries (not included)
- **Battery Life:** Over 12 months
- **Dimensions:** 11.10" W x 1.14" D x 6.75" H (28.19 W x 2.89 D x 17.15 H cm)



## Outdoor Sensor (TX141-Bv4)

- **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 18 months
- **Dimensions:** 1.58" L x 0.83" W x 5.08" H (3.99cm L x 2.1cm W x 12.99 cm)





## 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](http://www.lacrossetechnology.com/pages/warranty)

**Patents:**

[www.lacrossetechnology.com/pages/patents](http://www.lacrossetechnology.com/pages/patents)

## Care & Maintenance

### Battery Replacement Instructions

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.

- 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 Statment

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.

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# DOUBLE YOUR WARRANTY



Scan Here

Scan the QR Code or visit:

[bit.ly/513-1417v6\\_register](https://bit.ly/513-1417v6_register)

to register your product and double the standard 1-year warranty for free by opting to receive occasional product emails.