

# ATOMIC DIGITAL WALL CLOCK





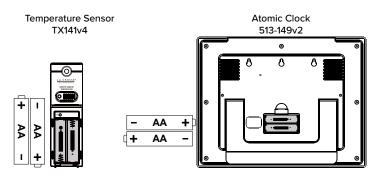
**SET UP GUIDE** 

MODEL: 513-149v2

# **Power Up**

- 1. Insert 2-AA batteries into your Temperature Sensor.
- 2. Insert 2-AA batteries into your Atomic Clock.
- **3.** Once the sensor is reading your Clock, place the sensor outside.

Watch our sensor mounting video: bit.ly/th\_sensor\_mounting



#### **Buttons**

The buttons are located at the top of your clock.

(*F/*C) (+)	- SNOOZE ALARM
°F/°C	Hold to enter the Settings Menu. Press to select Fahrenheit or Celsius Temperature display.
+ (PLUS)	Settings Menu: Press to increase value. Hold to increase quickly. Hold to search for Sensor
- (MINUS)	Settings Menu: Press to decrease value. Hold to decrease quickly. Hold to start or stop Atomic Time Signal search.
SNOOZE	Press to Snooze Alarm for 10 minutes. The Snooze Icon <b>Zz</b> will show.
ALARM	Hold to enter Alarm Settings. Press to activate/deactivate alarm. Alarm Icon 🦪 will show when alarm is active.

## **Settings Menu**

- Hold the °F/°C button until the display changes to enter the Settings Menu.
- 2. Press and release the + or button to adjust values.
- 3. Pressand release the °F/°C button to confirm and move to next item.
- 4. Press the **SNOOZE** button anytime to exit.

#### Settings Menu Order:

- WWVB Reception
- 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

**WWVB OFF:** When WWVB OFF is selected, you will skip to 12/24 Hour Time setting

**Weekday:** The Weekday will set automatically when your Year, Month and Date are set.

#### **Fahrenheit or Celsius**

Press and release the **°F/°C** button to select Fahrenheit or Celsius Temperature Display.

#### **Atomic Time**

- Your Clock will automatically search for the Atomic Time Signal at UTC 7:00, 8:00, 9:00, 10:00, and 11:00.
- Press the MINUS (-) button to manually start or stop search for the WWVB Atomic Time Signal.
- While searching, the Tower Icon (1) will flash. The Tower Icon will be solid when the WWVB Signal is received by your clock.
- For information about WWVB Atomic Time visit: bit.ly/atomic\_time

#### TIME ALARM

#### Set Alarm:

- Hold the ALARM button to enter the Alarm Settings Menu. "AL" will show in the weekday area.
- 2. Use the + or button to adjust the flashing values.
- 3. Press the ALARM button to confirm and move forward.

#### Activate/Deactivate Alarm:

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

#### Silence a sounding alarm:

Press any button except SNOOZE to silence alarm for 24 hours.

#### Snooze:

When the alarm sounds, press the **SNOOZE** button to silence the alarm for 10 minutes. **Zz** will show next to the Bell Icon.

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

# **Temperature Trend Arrows**

The arrows next to the temperature readings indicate if the temperature or humidity is rising, falling. This will update every 30 minutes. Arrow changes every 2 degrees Fahrenheit.



## **Low Battery Icons**

- Low Battery Icon by Indoor Temperature, replace batteries in the Clock.
- Low Battery Icon \$\hat{Q}\$ by Outdoor Temperature, replace batteries in the Outdoor Sensor.

#### **Search for Sensors**

If you are seeing dashes for any sensor readings, please try the following steps:

- **1.** Hold the **PLUS (+)** button to search for your outdoor sensor. The Reception Indicator will 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 the sensor and station.
- **3.** Press any button on the station 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 power up your station again.
- **5.** If your sensor data is still not appearing after these steps, please contact our support staff. For additional help visit: <a href="mailto:bit.ly/basic\_restart">bit.ly/basic\_restart</a>

# **Sensor Placement & Mounting**





- Insert a mounting screw through the hole at the top to securely mount the sensor. It can also hang from the back using a nail.
- Mount the sensor vertically in a protected well-shaded area. Keeping it out of direct weather elements such as sunlight, rain, snow, etc. will help avoid inaccurate readings.
- For additional protection against weather elements, a Sensor Weather Shield: <u>bit.ly/weather-shield</u> can be purchased separately.
- The maximum wireless transmission range to the station is up to 330ft (100m) in open air. This does not include walls, floors, or other large obstructions.
- For online video instructions, visit: bit.ly/th\_sensor\_mounting

# **Specifications**

#### Atomic Clock (513-149v2)

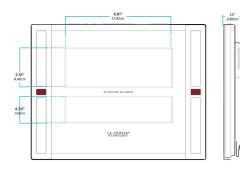
• Temperature Range: 32°F to 122°F (0°C to 50°C)

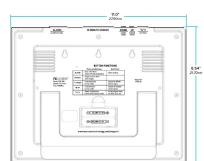
• Update Interval: About every 30 seconds

Power: 2-AA, IEC, LR6 batteries (not included)

· Battery Life: Over 12 months

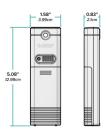
• Dimensions: 11.0 in L x 1.1 in W x 8.54 in H (27.90cm L x 2.80cm W x 21.70cm H)





#### Temperature Sensor (TX141v4)

- Temperature Range: -40°F to 140°F (-40°C to 60°C)
- Transmission Range: Over 330 feet (100 meters) in open air RF 433MHz
- Update Interval: About every 51 seconds
- Power: 2-AA, IEC, LR6 batteries (not included)
- · Battery Life: Over 12 months
- Dimensions: 1.58 in L x 0.83 in W x 5.08 in H
   (3.99cm L x 2.1cm W x 12.99cm H)



# We're Here to Help

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

Self Help: bit.ly/513-149v2\_support

Online: bit.ly/contact\_techsupport

Phone: 1.608.782.1610

Our knowledgable customer support team is available:

Mon-Fri 8am-6pm CST

# 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 X (Twitter).



# **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

Patents: www.lacrossetechnology.com/pages/patents

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#### Care & 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.



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

#### **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.

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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# LA CROSSE®

# **DOUBLE YOUR WARRANTY**



# Scan Here

Scan the QR Code or visit:

<u>bit.ly/513-149v2\_register</u>

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