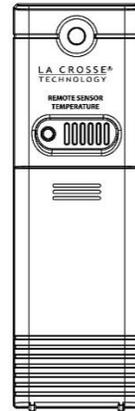


**DIGITAL ATOMIC WALL CLOCK**



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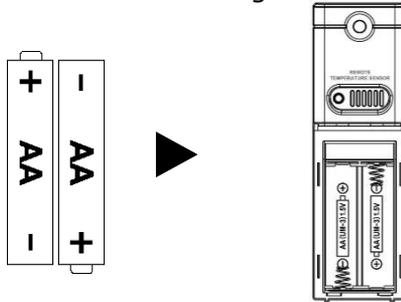
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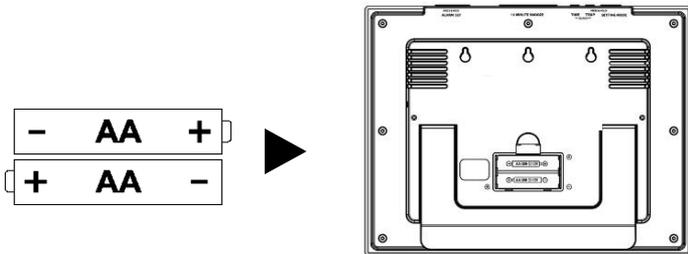
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## INITIAL SETUP

**Step 1:** Insert 2 *new* AA batteries (not included) into the TX141v2 sensor. Observe the correct polarity. The red LED will flash when transmitting.



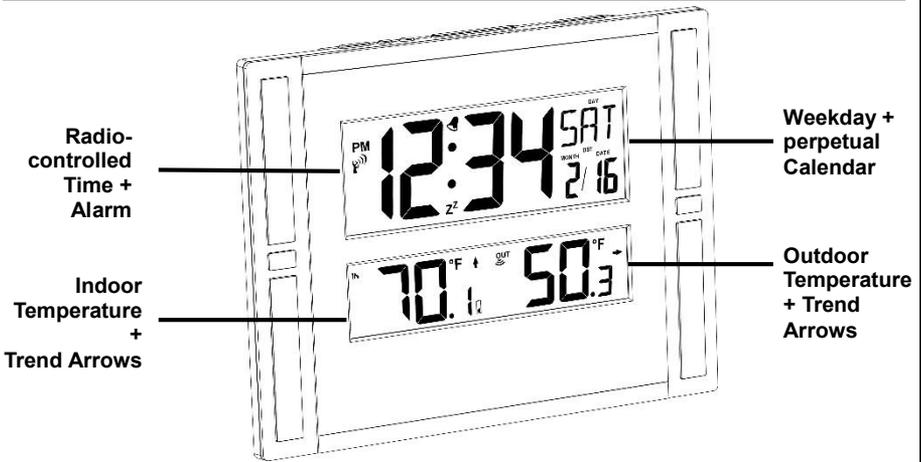
**Step 2:** Insert 3 *new* AA Alkaline batteries (not included) into the clock. Observe correct polarity.



**Step 3:** After 5 minutes, place the sensor outside in a shaded location. Maximum range is 300 feet (91 meters) open air.

**Note:** If the outdoor Temperature area shows dashes after 3 minutes, remove the batteries and start from step 1.

## LCD FEATURES



## BUTTONS (back view)



## SET TIME, DATE, ETC.

1. Hold the °F/°C button to enter time set mode.
2. Press the + or - button to adjust values.
3. Press the °F/°C button to confirm adjustments and move to the next item.

### Settings order:

1. WWVB Reception
2. Time Zone
3. DST Indicator,
4. 12/24 Hour Time Format
5. Hour
6. Minutes,
7. Year
8. Month
9. Date

TIME ZONE	
AST	Atlantic
EST	Eastern
CST	Central
MST	Mountain
PST	Pacific
AKT	Alaska
HAT	Hawaiian

**Note:** Day of the week sets automatically.

1. WWVB Time On/Off      2. Time Zone      3. DST Indicator



4. 12Hr/24Hr Time      5. Hours      6. Minutes



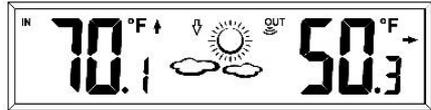
9. Year      10. Month      11. Date



Press the °F/°C button to exit or wait 20 seconds to exit.

### FAHRENHEIT/CELCIUS TEMPERATURE DISPLAY

Press the °F/°C button to select Fahrenheit or Celsius temperature display.

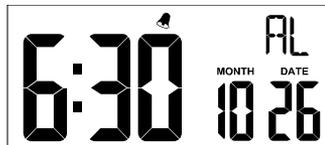
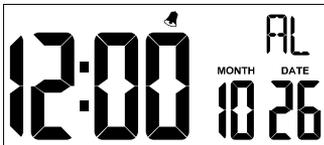


### TIME ALARM

1. Hold the **ALARM** button to enter alarm time set mode.
2. The letters AL will appear in the weekday area.
3. Use the + or - buttons to adjust values.
4. Press the **ALARM** button to confirm adjustments and move to the next item.

1. Hours

2. Minutes



## ACTIVATE/DEACTIVATE ALARM

- Press the **ALARM** button once to view alarm time.
- Press the **ALARM** button again to activate the alarm. Bell icon appears.
- Press the **ALARM** button again to deactivate the alarm. The bell icon disappears.



## SNOOZE

- Press the **SNOOZE** button to silence alarm for 10 minutes.
- **Zz** will show.
- When in snooze mode, press the ALARM button to stop alarm for one day.

**Note:** The alarm is crescendo sound. The alarm will sound for 2 minutes and then shut off completely.

## LOW BATTERY INDICATOR

Low battery icon indicates low battery for clock or sensor.

- When displayed in Outdoor Temperature section, replace batteries in the outdoor sensor.
- When displayed in Indoor Temperature section, replace batteries in the clock.



## TEMPERATURE TREND ARROWS

The temperature (2°F/1°C) trend indicators update every 30 minutes or less.

- Temperature has **risen** in the past 3 hours.



- Temperature has **not changed** in the past 3 hours.



- Temperature has **fallen** in the past 3 hours.



## OUTDOOR SENSOR RECEPTION ICON

- When the signal is successfully received from the outdoor transmitter, this icon will be solid.
- This icon will flash when searching for the outdoor transmitter signal.
- If reception is not successful, the icon will not be shown in LCD.



## RESTART

**Restart:** If the outdoor temperature shows dashes, remove batteries from the digital clock & sensor and press any button 20 times. After 15 minutes, return to **Step 1** under Initial Setup.

## ATOMIC TIME SEARCH - WWVB

- Hold the – button to start or stop the atomic time signal search.
- WWVB Icon will flash



WWVB  
Icon

### **For information about WWVB visit:**

[www.nist.gov/pml/div688/grp40/wwvb.cfm](http://www.nist.gov/pml/div688/grp40/wwvb.cfm)

## OVERLAY USE

- Use the included overlays to change the red accents to black to best fit your room and decor.

## POSITION CLOCK

The clock has a pullout stand to sit on a desk or table, or hanging holes to wall mount.

- For best WWVB reception orientate the clock with the front of the back facing Ft. Collins, Colorado.
- Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers etc.
- Place within range of the outdoor sensor.

- The maximum transmitting range in open air is 300 feet (91 meters). Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range.

## POSITION OUTDOOR SENSOR

- Mount the outdoor sensor on a north-facing wall or in any well shaded area. Under an eave or deck rail is preferred.
- The maximum transmitting range to the clock is over 300 feet (91 meters) in open air, not including walls.

## SPECIFICATIONS

### Indoor:

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

Interval: About every 30 seconds

### Outdoor:

Temperature Range: -40°F to 140°F (-40°C to 60°C)

Alkaline Batteries: -20°F to 140°F (-28.8°C to 60°C)

Lithium Batteries: -40°F to 140°F (-40°C to 60°C)

**NOTE:** Temperatures below - 20°F (-28.8°C) require Lithium batteries in the outdoor sensor.

Distance: Over 300 ft. (91 meters)  
RF 433MHz (open air)

Interval: About every 30 seconds

### Power:

Clock 2-AA, IEC, LR6 batteries (not included)

TX141v2 Sensor: 2-AA, IEC, LR6 batteries (not included)

### Battery Life:

Clock Battery life is over 12 months when using reputable battery brands

TX141v2 Sensor: Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries

### Dimensions:

Clock: 11" W x 1.1" D x 8.54" H  
(280 x 28 x 217 mm)

TX141v2 Sensor: 5.08" H x 1.58" W x 0.83" D  
(129 x 40.13 x 21mm)

## CARE AND MAINTENANCE

- **Do not mix old and new batteries**
- **Do not mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Always purchase the correct size and grade of battery suitable for the intended use.
- Replace all batteries of a set at the same time.
- 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 equipment with is not to be used for an extended period.
- Remove expired batteries promptly.

## WARRANTY AND SUPPORT INFORMATION

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.

**Before returning a product, please contact our friendly customer support with questions or visit our online help (manuals and FAQs):**

**Phone:** 1-608-782-1610

**Online Product Support:** [www.lacrossetechnology.com/support](http://www.lacrossetechnology.com/support)

**Product Registration:**

[www.lacrossetechnology.com/support/register](http://www.lacrossetechnology.com/support/register)

**View full warranty details online at:**

[www.lacrossetechnology.com/warranty\\_info.pdf](http://www.lacrossetechnology.com/warranty_info.pdf)

**Warranty Address:**

La Crosse Technology, Ltd

2830 S. 26<sup>th</sup> St.

La Crosse, WI 54601



**Protected under U.S. Patents:**

5,978,738 | 6,076,044 | RE43903

## 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 must not be co-located or operating in conjunction with any other antenna or transmitter.

### **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!**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

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