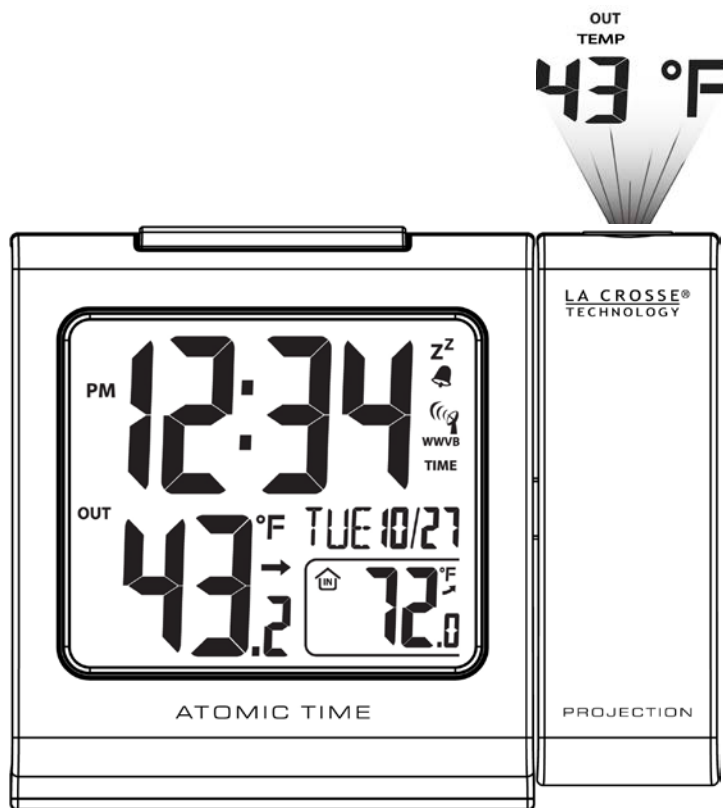


# LA CROSSE<sup>®</sup> TECHNOLOGY

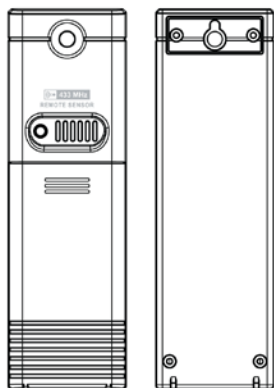
## Atomic Projection Alarm with Indoor and Outdoor Temperature Model K84285 | Instruction Manual

The Atomic Projection Alarm features accurate atomic time and indoor and outdoor temperature on a stylish, colorful and easy-to-read display. Time and/or outdoor temperature can be projected on a wall or ceiling. Use the integrated USB charging port to charge your devices when the Projection Alarm is plugged into a power outlet.

### Atomic Projection Alarm

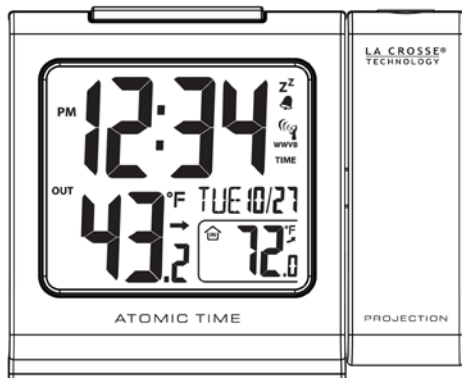


### Outdoor Temperature Transmitter: TX141

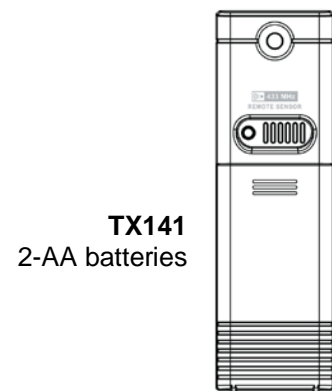


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**K84285**  
5V A/C Adapter  
2-AAA batteries



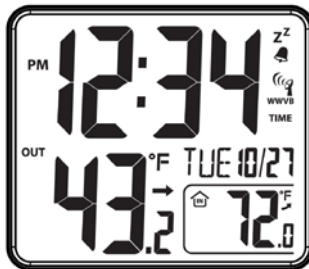
**TX141**  
2-AA batteries

## Features

- Projects time & outdoor temperature on wall or ceiling
- Projection rotates in 90 degree increments
- Projection options: (1) Default: toggle between time and temperature, (2) time only or (3) temperature only
- Time zones: Atlantic Time (AST), Eastern Time (EST), Central Time (CST), Mountain Time (MST), Pacific Time (PST), Alaskan Time (AKT) & Hawaiian Time (HAT)
- Light up color display backlight and projection with a press of a button using battery power OR continuous light with A/C adapter (ON/OFF option)
- Backlight and projection settings: High, low and off
- Charge devices with USB charging port: Output 0.5A
- Atomic time and date sets itself
- 12/24 hour time with minutes
- Snooze alarm and alarm icon
- Calendar: day, date
- IN/OUT temperature (°F/°C) with trend arrow
- Low battery icon for clock & sensor
- Sits on desktop or tabletop
- 5.0V A/C adapter (included) for primary power and battery backup
- Battery life is over 24 months when using the A/C adapter

## Initial Setup

1. Insert A/C adapter into the wall outlet then into the display **or** insert 2 new AAA batteries (not included) into the display (**see Power the Atomic Projection Alarm**). The Projection Alarm will light up and display time and indoor temperature.
2. Insert 2 new AA batteries into the transmitter, observing the correct polarity (**see Install Batteries in the Outdoor Transmitter**).
3. Keep the transmitter 5-10 feet from the Projection Alarm for 15 minutes to establish a good connection.
4. Within 3 minutes, the outdoor temperature should be displayed on the Projection Alarm. If the outdoor temperature is not displayed after 3 minutes, remove power from the transmitter and the display for 60 seconds and start again from step 1.
5. For optimum 433 MHz transmission, the outdoor transmitter should be placed a distance of no more than 200 feet (60 meters, open air) from the Projection Alarm.



**IMPORTANT:** When operating on A/C power, the backlight, projection and USB charging port will turn off while the Projection Alarm searches for the WWVB signal, to avoid interference. The backlight and projection will return after the 2-10 minute search. The USB charging port will then resume working.

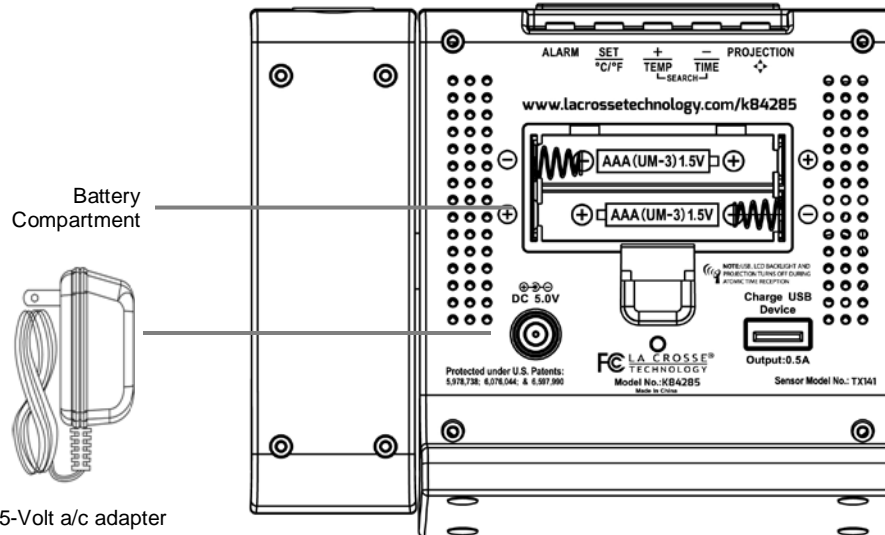
- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**

## Power the Projection Alarm

The Projection Alarm can be powered by the 5-volt A/C adapter or 2 AAA batteries.

### A/C power adapter

- Insert enclosed 5-volt A/C power adapter into a wall outlet, then into the Projection Alarm.



### Optional Battery Operation

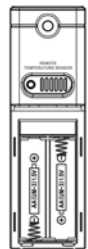
1. To remove battery cover, slide tab to the right and pull out to remove battery cover.
  2. Install two new AAA batteries according to the polarity markings.
- **Do Not Mix Old and New Batteries**
  - **Do Not Mix Alkaline, Lithium, Standard or Rechargeable Batteries**

If the Projection Alarm does not display indoor temperature after 60 seconds, remove adapter and batteries, and wait for at least 60 seconds before repeating the setup process.

**IMPORTANT:** When operating on A/C power, the backlight, projection and USB charging port will turn off while the Projection Alarm searches for the WWVB signal, to avoid interference. The backlight and projection will return after the 2-10 minute search. Then the USB charging port will resume working.

## Install Batteries in the Outdoor Transmitter

1. Slide the battery cover down, then lift off the front of the transmitter.
- Note:** Be careful not to break the tabs on the battery cover.
2. Insert two new AA batteries into the transmitter. Observe the correct polarity (see markings inside battery compartment).
  3. Keep transmitter 5-10 ft. from the Projection Alarm during setup.
  4. After 15 minutes, if the outdoor temperature shows on the display, you can move the outdoor transmitter outside to a shaded location within range of the Projection Alarm.



## Troubleshooting

- If the Projection Alarm does not display the outdoor temperature after 3 minutes, remove the A/C power adapter and all batteries from both units and start the setup process again.
- If the outdoor temperature does not show up after a second attempt, please slide open the battery cover of the outdoor transmitter to reveal the TX button. Press the TX button for 3 seconds to send a wireless signal to the Projection Alarm.
- Hold the +/TEMP button for 5 seconds so the clock will search for the sensor.
- For optimal 433 MHz signal reception, the outdoor transmitter should be placed within 200 feet (60 meters) from the Projection Alarm.

## WWVB Radio-controlled Time

The NIST radio station, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can be received up to 2,000 miles away through the internal antenna in the Projection Alarm. However, due to the nature of the Earth's Ionosphere, reception is very limited during daylight hours. The Projection Alarm will search for a signal every night when reception is best. The WWVB radio station derives its signal from the NIST Atomic Clock in Boulder, Colorado. A team of physicists continually measures every second of every day to an accuracy of ten billionths of a second a day. These physicists have created an international standard, measuring a second as 9,192,631,770 vibrations of a Cesium 133 atom in a vacuum. This atomic clock regulates the WWVB transmitter.

### WWVB Reception Icon

The icon with full signal strength will appear on screen in front of the date when the reception of atomic time is successful.

- The tower icon will show solid when the display has received the WWVB signal.
- No tower icon displayed. The display was unable to receive a signal at this time.
- Reposition the display for better signal reception or try again at bedtime.
- The display will start searching at UTC: 07:00 and if no reception on the first attempt they will try again at 08:00, 09:00 and 10:00. Each attempt will be at least 2 minutes and the most will be 10 minutes.
- If there is no signal or too much interference, the receiver will only be on for 2 minutes.
- If the signal is good, it may catch a signal in ABOUT 2-3 minutes.
- If the signal is marginal, it will try to catch a signal for up to 10 minutes.
- **IMPORTANT:** When operating on A/C power, the backlight, projection and USB charging port will turn off while the Projection Alarm searches for the WWVB signal, to avoid interference. The backlight and projection will return after the 2-10 minute search (which occurs during the late night or early morning hours). Then the USB charging port will resume working.

**Note:** In case the Projection Alarm is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.), the time may be manually set.



### Manual Signal Search

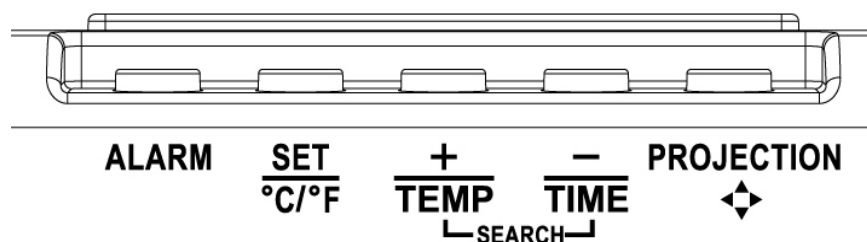
In normal mode, hold the RCC button until the reception icon appears to force a search of the WWVB signal. The WWVB icon will flash during the search. If this icon disappears after the 2 minute search, the radio time signal is not available at the moment.

- Recommended distance to any interfering sources like computer monitors or TV sets is a minimum of 6 feet (2 meters).
- Within ferro-concrete rooms (basements, superstructures, etc.), the received signal is naturally weakened. In extreme cases, please place the unit close to a window and/or point its front or back towards the Fort Collins, Colorado.
- During nighttime, the atmospheric disturbances are usually less severe and reception is possible in most cases. A single daily reception is adequate to keep the accuracy deviation below 1 second.

**Note:** In case the Projection Alarm is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.), the time and date can be manually set (see "program menu").

## Function Buttons

### SNOOZE/LIGHT/HI/LOW/OFF (TOP)



Button	Press and Release Functions	Hold 2 seconds
<b>SET/°C/°F</b>	Move through program menu (setup) Select temperature in °C/°F	Enter program menu, set time, date, etc. (setup)
<b>ALARM</b>	Once: View Alarm Twice: Activate or Deactivate Alarm	Alarm set
<b>+/TEMP</b>	1 step forward (setup)	Search for Sensor Fast advance (setup)
<b>-/TIME</b>	1 step backward (setup)	Fast backward ( setup) WWVB Search
<b>PROJECTION</b>	Rotate Projection 90 degrees	Change what is projected: Time/Outdoor Temp alternating (default) <b>Once:</b> Time only <b>Twice:</b> Outdoor Temp only <b>Third time:</b> Time/Outdoor Temp alternating (default)
<b>SNOOZE/LIGHT HI/LOW/OFF</b>	<b>Once:</b> Backlight and Projection low intensity (A/C) <b>Twice:</b> Backlight and Projection OFF (A/C) <b>Third time:</b> Backlight and projection ON high intensity (default, A/C adapter) Battery Power: Activate backlight for 10 seconds Trigger snooze alarm (ringing)	

## Program Menu

The **SET** button will moves through the items in the program menu. The **+/TEMP** or **-/TIME** buttons will change these values:

- WWVB reception ON or OFF
- Time Zone (Seven Time Zones)
- Daylight Saving Indicator
- 12/24 hour time format
- Manual time set (Hour, Minutes)
- Calendar set (Year, Month, Date)

## WWVB Time Reception

The WWVB time reception defaults to ON. To turn the WWVB reception OFF:

1. Hold the SET button for 5 seconds.
2. **WWVB** and **ON** will flash.
3. Press and release the **+/TEMP** or **-/TIME** buttons to turn this OFF.
4. Confirm with the SET button and move to the **Time Zone**.



## Time Zone

This station offers seven time zones listed in letter format (default is EST):

- AST Atlantic Time
- EST Eastern Time
- CST Central Time
- MST Mountain Time
- PST Pacific Time
- AKT Alaskan Time
- HAT Hawaiian Time



1. **EST** will flash.
2. Press and release the **+/TEMP** or **-/TIME** buttons to select a different Time Zone.

3. Confirm with the SET button and move to **Daylight Saving Indicator**.

### Daylight Saving Indicator

DST will default to the ON position as most of the country observes the DST change. If you live in an area does not observe the DST change, switch this to the OFF position.

1. **DST** and **ON** will flash.
2. Press and release the +/TEMP or -/TIME buttons to turn DST to OFF.
3. Confirm with the SET button and move to **12/24 hour time format**.



### 12/24 Hour Time Format

The Time may be displayed in 12-hour or 24-hour format. Default is 12-hour time.

**Note:** When in 12-hour format AM or PM will show in front of the hour.

1. **12H** will flash.
2. Press and release the +/TEMP or -/TIME buttons to select 24-hour time.
3. Confirm with the SET button and move to **Set Time**.



### Set Time

To set the time manually:

1. The **hour** digit will flash.
2. Press and release the +/TEMP or -/TIME buttons to select the hour.
3. Press and release the **SET** button to set the **minutes**.
4. The **minutes** digit will flash.
5. Press and release the +/TEMP or -/TIME buttons to select the minutes.
6. Confirm with the **SET** button and move to **Set Calendar**.



### Set Calendar

The date default of the Projection Alarm is 1.1.2010.

To set the calendar:

1. The **year** will flash.
2. Press and release the +/TEMP or -/TIME buttons to set the year (between year 2010-2039).
3. Press the **SET** button again to confirm and to enter the **month** setting.
4. The **month** will flash.
5. Press and release the +/TEMP or -/TIME buttons to set the month.
6. Press the **SET** button again to confirm and enter **date** setting.
7. The **date** will flash.
8. Press and release the +/TEMP or -/TIME buttons to set the date.
9. Confirm all calendar settings with the **SET** button to confirm and **exit** the program menu.



**Note:** The day of the week will set automatically once the year, month and date are set.



### Fahrenheit/Celsius

1. Press and release the **SET/°C/°F** button once to switch from Fahrenheit to Celsius.




## Alarm Set

Hold the ALARM button for 5 seconds to enter the alarm time set mode.


1. The alarm **hour** digit will flash.
2. Press and release the +/TEMP or -/TIME buttons to select the hour.
3. Press and release the SET button to set the minutes. The **minute** digits will flash.
4. Press and release the +/TEMP or -/TIME buttons to select the minutes.
5. Press and release ALARM to confirm the alarm settings, then press and release SET button to exit.
6. The alarm icon  will show after the minutes indicating the alarm is **active**.
7. The alarm icon  will flash when the alarm is sounding.



## Deactivate Alarm

1. Press and release the ALARM button once to show Alarm Time.
2. Press and release the ALARM button to **deactivate** the Alarm. The  alarm icon will disappear indicating the alarm is no longer active.

## Snooze

1. When the alarm sounds, press the SNOOZE/LIGHT button to trigger snooze alarm for 10 minutes. The snooze icon **Zz** will flash when the snooze feature is active.
2. To stop alarm for one day, press ALARM button, while in snooze mode. The alarm icon  will remain solid.

**Note:** When the alarm sounds, it continues for 2 minutes and then shuts off completely.

## Backlight and Projection Intensity

Hold two seconds, and then release the SNOOZE/LIGHT button to adjust the brightness of the backlight and projection (together):

- **ON High intensity:** (default setting on A/C power)
- **ON Low intensity:** Hold and release SNOOZE/LIGHT button once
- **OFF:** Hold and release SNOOZE/LIGHT button
- **ON High intensity (default):** Hold and release SNOOZE/LIGHT button

## Projection

- **Battery Power:** Press and release the SNOOZE/LIGHT button to show the projection for 10 seconds.
- **Note:** Projection will not display constantly when operating on battery power.
- **A/C Power:** Projection is displayed constantly
- **Note:** can be turned off see "**Backlight and Projection Intensity**"
- **Rotate Projection:** Press and release the PROJECT button to rotate projection image 90 degrees on the wall or ceiling. Press and release the PROJECT button again to rotate another 90 degrees.
- **Change Projection Mode:** Hold two seconds, and then release the PROJECT button to switch projection modes. You will need to watch the projection image to view the changes.
  - **Time and Outdoor Temperature:** alternate every 5 seconds (default)
  - **Time:** Hold and release PROJECT button
  - **Outdoor Temperature:** Hold and release PROJECT button again

**Note:** Both time and outdoor temperature will not show at the same time.





**Projection Arm Rotation:** The projection arm can be rotated 180 degrees to view the projection on the wall or ceiling.



## USB Charge Port

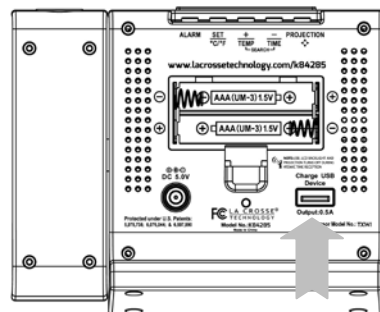
The integrated USB charging port (on back) will charge your smart phone, camera or other devices when the Projection Alarm is plugged into a power outlet with the included 5V A/C adapter.

**Note:** This is a power-output charging port. The charging port does not supply power to the Projection Alarm.

Begin charging your external device by connecting the device's USB charging cable (not included) to the USB charging port on the back of the Projection Alarm. Charging times will vary.

**Note:** Some USB cables are for data transfer only and cannot be used for charging. Make sure that the USB cable you use will charge your device. Most USB cables included with mobile devices will work for charging.

- **USB Power Output:** 1A maximum current
- **Do NOT** over load USB port. Charge 0.5A devices or less only



**IMPORTANT:** When operating on A/C power, the backlight, projection and USB charging port will turn off while the Projection Alarm searches for the WWVB signal, to avoid interference. The backlight and projection will return after the 2-10 minute search (which occurs during the late night or early morning hours). The USB charging port will then resume working.


## Temperature Trend Icons

The indoor and outdoor temperature trend indicators are updated every 30 minutes. These trends represent temperature changes over the past three hours.



- ↗ Temperature rose more than 2°F / 1°C in the past three hours
- Temperature has **not changed** more than 2°F / 1°C in the past three hours
- ↘ Temperature fell more than 2°F / 1°C in the past three hours

The temperature trend indicators are shown next to the indoor temperature and outdoor temperature readings.

## Outdoor Temperature Flashing

- **Low battery icon**  **present:** Change batteries in the transmitter, and then hold the CH button until the station beeps to search for the outdoor transmitter again.
- **End of Transmission Range:** Move the transmitter closer to the display. Avoid obstructions in the signal path. Keep transmitter and display away from electronics.

## Low Battery Icon

- When this icon  appears in the indoor (IN) data reading section, replace the batteries in the Projection Alarm.
- When this icon  appears in the outdoor (OUT) data readings section, replace the batteries in the outdoor transmitter.

## Position the Outdoor Transmitter

Once the Projection Alarm shows the outdoor temperature, place the Projection Alarm and the transmitter in the desired locations and wait approximately 1 hour before permanently mounting the transmitter to ensure that there is proper reception. The transmitter should be mounted vertically, in a shaded,

protected area, at least 6 feet from the ground to avoid damage and ensure accurate readings. The transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow.

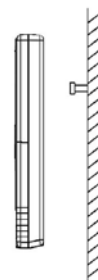
Choose a location for the transmitter that is within range of the Projection Alarm and under an overhang for accuracy. Wireless transmitting range in open air is over 200 feet (60 meters) from outdoor transmitter to Projection Alarm.

#### Option 1:

- Install one mounting screw (not included) into a wall leaving approximately ½ of an inch (12.7mm) extended.
- Place the transmitter onto the screw, using the hanging hole on the backside.
- Gently pull the transmitter down to lock the screw into place.

#### Option 2:

- Insert the mounting screw (not included) through the front of the transmitter and into the wall.
- Tighten the screw to snug (do not over tighten).



To achieve a true temperature reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is over 200 feet (60 meters). Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range. Place the transmitter at least 6 feet in the air to improve signal transmission.

### Position the Projection Alarm

1. The Projection Alarm has a wide base to sit on a desk or table.
2. Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, etc.
3. Place within range of the outdoor transmitter.
4. The maximum transmitting range in open air is 200 feet (60 meters). Obstacles such as walls, windows, stucco, concrete and large metal objects can reduce the range.
5. For best WWVB reception orientate the Projection Alarm with the front of the back facing Ft. Collins, Colorado.

### Care and Maintenance

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose the Projection Alarm to extreme temperatures, vibration or shock.
- Keep Projection Alarm dry.
- Clean the Projection Alarm with a soft damp cloth. Do not use solvents or scouring agents.
- The Projection Alarm is not a toy. Keep it out of reach of children.
- The Projection Alarm is not to be used for medical purpose or for public information. It is for home use only.
- The specifications of this Projection Alarm may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the unit does not work properly, change the batteries and/or check the A/C cord connection.

### Specifications

#### Indoor

Temperature Range:	+32°F to +122°F (0°C to 50°C)
Accuracy:	+/- 2°F
Interval:	About every 30 seconds

#### Outdoor

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

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

Distance: 200 feet (60 meters) RF 433MHz (open air)  
Interval: About every 50 seconds

#### Power

Atomic Projection Alarm: 5-volt A/C power adapter (included)  
Optional 2-AAA, IEC, LR3 batteries (not included)

TX141 Transmitter: 2-AA, IEC, LR6 batteries (not included)

USB: Output 0.5 Amp maximum. Do not overload USB port.

#### Battery Life

TX141 Transmitter  
Battery Life: Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries

Atomic Projection Alarm  
Battery Backup: Battery life is over 24 months when using the AC adapter for primary power

#### Dimensions

Atomic Projection Alarm: 5.23" W x 4.33" H x 1.96" D (133 x 110 x 50mm)  
TX141 Transmitter: 1.57" L x 0.79" W x 5.12" H (40 x 20 x 130 mm)

#### Accuracy

##### Indoor Temperature

- Operating temperature range: 32°F to 122°F (0°C to 50°C)
- Accuracy:  $\pm 2^\circ\text{F}$  32°F to 122°F (0°C to 50°C)
- Resolution: 0.1°F
- When above 122°F (50°C) the temperature sensor should continue to read the correct temperature as long as the LCD display continues to function.
- When below 32°F (0°C) the temperature sensor should continue to read correctly as long as the LCD display continues to function.

##### Outdoor Temperature

- Operating temperature range: -40°F to 140°F (-40°C to 60°C)
- Accuracy:  $\pm 2^\circ\text{F}$  32°F to 122°F (0°C to 50°C)
- Accuracy:  $\pm 4^\circ\text{F}$  ( -40°F to 32°F (-40°C to 0°C) ; 122°F to 140°F (50°C to 60°C) )
- Resolution: 0.1°F
- When above 140°F (60°C), the temperature sensor should continue to read the correct temperature as long as the LCD display continues to function.
- When below -40°F (-40°C), the temperature sensor should transmit continue to read correctly as long as the LCD display continues to function.

## Warranty Information

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need of repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting the La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

The La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in the owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse<sup>Printed in China</sup> Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to the State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

### For warranty work, technical support, or information contact:

La Crosse Technology, Ltd  
2817 Losey Blvd. S.  
La Crosse, WI 54601

Online at:

[www.lacrossetechnology.com/k84285](http://www.lacrossetechnology.com/k84285)



Contact Support: 1-608-782-1610

Product Registration:

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



Protected under U.S. Patents:

5,978,738

6,076,044

6,597,990

## **FCC Statement**

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) the device must accept any interference received, including interference that may cause undesired operation.

**NOTE: 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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