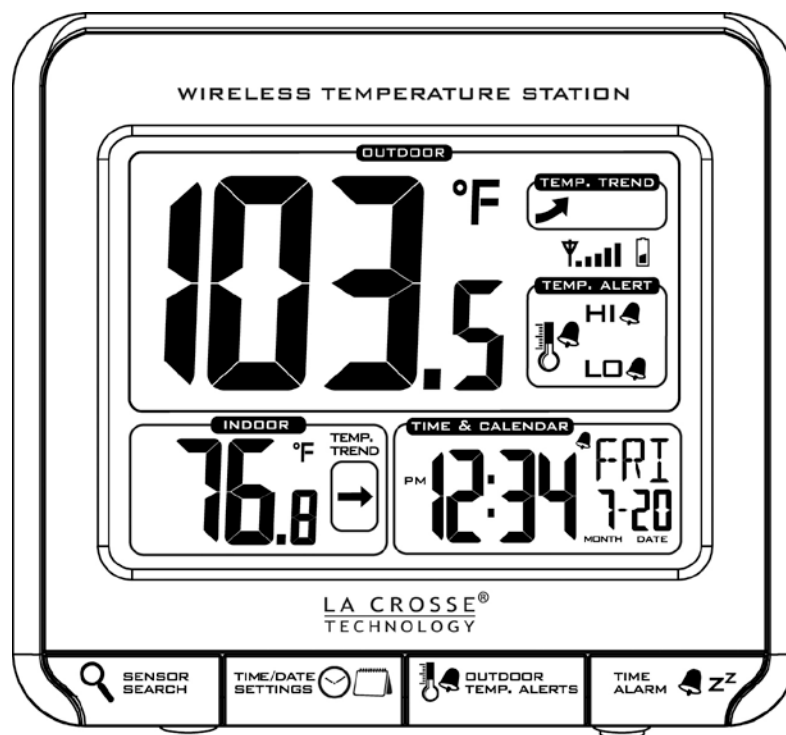# LA CROSSE®
TECHNOLOGY

WIRELESS TEMPERATURE STATION
Model K84322 | Instruction Manual

La Crosse Technology's Wireless Temperature Station provides you with precise, real-time weather data straight from your backyard. Monitor indoor and outdoor temperature, track temperature trends and set customizable temperature alerts easily—all on one convenient device. The Temperature Station features a wireless transmission range of over 200 feet (60 meters) in open air from the transmitter to the Temperature Station.

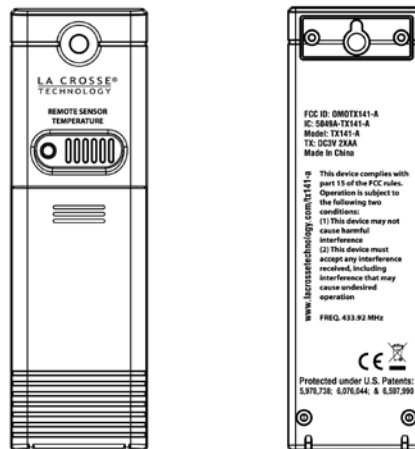### Wireless Temperature Station
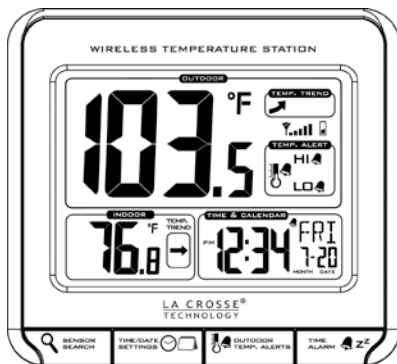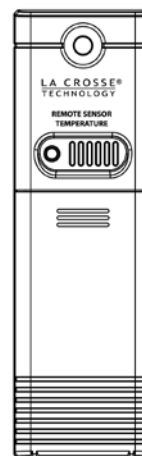

Outdoor Temperature Transmitter TX141-A

Table of Contents

K84322
4.27"L x 1.48"W x 3.88"H
(108 x 38 x 99 mm)
2-AA Batteries

TX141-A
1.57" L x 0.79" W x 5.12" H
(40 x 20 x 130 mm)
2-AA Batteries

Features

- Calendar (Month/date, 2000-2099 Default Year 2012)
- Time (hour/minute)
- Indoor Temperature
- Indoor Temperature Trend
- Wireless Outdoor Temperature
- Outdoor Temperature Trend
- °F/°C selectable
- Alarm and Snooze Function
- Large 2 inch Outdoor Temperature numbers
- Low Battery indicator for Outdoor Sensor and Station
- MIN/MAX Daily Records with auto reset (0:00)
- High/Low Temperature Alert for Outdoor Temperature
- High/Low/Off Backlight option
- Sensor Signal Strength
- Sits on desktop or tabletop

## Setup Instructions Step-by-Step

STEP 1:
- Slide the battery cover tab down and pull out to remove the battery cover.
- Insert two new AA batteries (not included) into the back of the Temperature Station. Observe the correct polarity (see marking inside the battery compartment).
- The Temperature Station will light up and show, indoor temperature.
- Do Not Mix Old and New Batteries
- Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries

STEP 2:
- Ensure that the transmitter is within 10 feet of the Temperature Station.
- Remove battery cover from TX141-A transmitter. Slide the battery cover down and lift off the front of the transmitter.
- Insert two new AA batteries into the transmitter. Observe the correct polarity.
- Within three minutes the Temperature Station will show readings in the outdoor temperature area on the LCD.

Note: Allow the Temperature Station and the transmitter to stay within 10 feet of each other for the first 15 minutes of set up.

Troubleshooting

- After the batteries are inserted, the Temperature Station will search for the outdoor temperature transmitter for 3 minutes.
- The antenna symbol ⅂ᵢₗₗ will flash during reception, and temperature display will be dashes "---".
- No antenna symbol will show during RF (radio frequency) synchronization.
- If synchronization fails once, the antenna will lose one bar. ⅂ᵢₗₗ
- If synchronization fails twice, the antenna will lose two bars. ⅂ᵢₗₗ
- If RF (radio frequency) reception fails five times, the antenna symbol will show: ⅄
- The antenna will show full display with successful RF (radio frequency) reception. ⅂ᵢₗₗ

Search for Transmitter

- If the outdoor temperature is not displayed after three minutes, hold the SENSOR SEARCH button on the temperature station for three seconds to search for outdoor transmitter.
- Next remove the battery cover from the TX141-A transmitter then press the TX button to send a signal.
- If it still does not receive the outdoor temperature, remove the batteries from both the temperature station and the transmitter for 15 minutes repeat setup instructions from step 1.
- 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.

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Function Buttons

Front   Back

Program Menu

The program menu allows you to select your preferences:
- Year
- Month
- Date
- 12/24-Hour Time Format
- Hour
- Minutes
- Fahrenheit/Celsius

The SETTINGS button moves through the program menu, and confirm selections.

The MAX button will increase a value

The MIN button will decrease a value

Set Calendar

To set the calendar:

1. Hold the SETTINGS button until the station beeps.
2. The **Year** will flash.
3. Use the MAX or MIN buttons to choose the year.
4. Press the SETTINGS button to confirm and move to the month.
5. The **Month** will flash.
6. Use the MAX or MIN buttons to choose the month.
7. Press the SETTINGS button to confirm and move to the date.
8. The **Date** will flash.
9. Use the MAX or MIN buttons to choose the date.
10. Press the SETTINGS button to confirm and move to Fahrenheit/Celsius.
Note: The day of the week will set automatically once the year, month and date are set.

12-hour or 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. Hold the SETTINGS button for three seconds to enter time set mode.
2. **12H** will flash.
3. Use the MAX or MIN buttons to choose 12-hour or 24-hour time format.
4. Press the SETTINGS button to confirm and move to hour.

Set Time

To set the time manually:

1. The **Hour** digit will flash.
2. Use the MAX or MIN buttons to choose the hour.
3. Press the SETTINGS button to confirm and move to minutes.
4. The **Minutes** will flash.

5. Use the MAX or MIN buttons to choose the minutes.
6. Press the SETTINGS button to confirm and move to the year.

Fahrenheit/Celsius

1. **°F** or **°C** will flash.
2. Use the MAX or MIN buttons to select Fahrenheit or Celsius.
3. Press and release the SETTINGS button to confirm and exit the program menu.
   Note: When no buttons are pressed for ten seconds, the Temperature Station will save the last change and default back to normal mode.

Alarm Time

The TIME ALARM button moves through the alarm set mode, and confirm selections**.**

The MAX button will increase a value

The MIN button will decrease a value

Set Time Alarm

In normal mode, press and release the TIME ALARM button once to show alarm time. Hold the TIME ALARM button for three seconds to enter alarm set mode.

1. The **Hour** will flash.
2. Use the MAX or MIN buttons to set the hour.
3. Press the TIME ALARM button to confirm and switch to minutes.
4. The **Minutes** will flash.
5. Use the MAX or MIN buttons to set the minutes.
6. Press TIME ALARM button to confirm and exit.

Note: When no buttons are pressed for ten seconds, the Temperature Station will save the last change and default back to normal mode.

Activate/Deactivate Time Alarm

- In normal mode, press and release the TIME ALARM button once to show alarm time.
- Press and release the TIME ALARM button repeatedly to turn ON/OFF alarm.
- The alarm icon appears when alarm is activated.
  Note: The crescendo alarm will ring for 2 minutes then turn off if no buttons are pressed.

Snooze

- When the alarm sounds press the TIME ALARM button to snooze the alarm for 10 minutes.
- The snooze option can be repeated three times.
- The alarm icon will flash while the snooze feature is active.

Note: While the alarm sounds, press any button **except** the TIME ALARM button to turn the alarm off.

MIN/MAX Temperatures

The Temperature Station will show the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The Temperature Station automatically resets the MIN/MAX temperatures at midnight (12:00 AM).

- **View MIN data:** Press and release the MIN button to view the minimum Indoor and Outdoor Temperatures. After ten seconds the LCD will return to the current temperatures.
- **Reset MIN data:** Hold the MIN button for 3 seconds and the Indoor and all Outdoor Minimum

Temperatures will be reset to current temperatures.

- **View MAX data:** Press and release the MAX button to view the maximum Indoor and Outdoor Temperatures. After ten seconds the LCD will return to the current temperatures.
- **Reset MAX data:** Hold the MAX button for 3 seconds and the Indoor and all Outdoor Maximum Temperatures will be reset to current temperatures.
  Note: When no buttons are pressed for ten seconds, the temperature station will return to display the current temperature.

Low Battery Icon

- When the low battery icon ▭ appears in the indoor (IN) reading section, replace the batteries in the weather station.
- When the low battery icon ▯ appears in the outdoor (OUT) readings section, replace the batteries in the outdoor transmitter.

Temperature Alerts

Alert **values** are set when they flash in the outdoor temperature area. Temperature alerts are turned on or off in the Temperature Alert box.

One or all the temperature alerts may be set.
Range for outdoor temperature alert:
-40°F to 140°F (-40°C to 60°C)

Select Temperature Alert Values

Hold the TEMP ALERTS button for three seconds, until the temperature station beeps, to enter alert setting.

- **OUTDOOR HI** alert will flash where the outdoor temperature shows. Press the MAX or MIN buttons to set the alert value, and press the TEMP ALERTS button to confirm. Then press the TEMP ALERTS button again switch to OUTDOOR LOW setting.
- **OUTDOOR LO** alert will flash where the outdoor temperature shows. Press the MAX or MIN buttons to set the alert value, and press the TEMP ALERTS button to confirm and exit.
Note: After selecting temperature alert values, use the next step to turn individual alerts ON or OFF.

Temperature Alerts ON/OFF

From normal time and temperature display mode, press and release the TEMP ALERTS button to toggle between:

- o Outdoor HI
- o Outdoor LO

- Press the MAX button (Alert ON) to turn the selected alert ON.
- The alert icon ♫ appears when alarm is activated.
- Press the MIN button (Alert OFF) to turn the selected alert OFF.
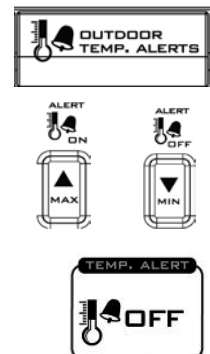
Note: When no temperature alerts are set the Temperature Alert area will show OFF.

Temperature Alert Sounds

- When temperature alert is ringing, corresponding alert icon will flash.
- The alert will ring for five seconds every minute, until the temperature is out of alert range.
- Press any button to stop alert. The alert icon will still show.
- **Turn Alert OFF:** In normal mode, press and release the TEMP ALERTS button to select the alert to turn off. With HI or LO alert selected, press the MIN button to turn that alert OFF.

Temperature Trend Arrows

The indoor and outdoor temperature trend arrows will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

UP: Temperature rose more than 2°F/1°C in the past three hours
RIGHT: Temperature has **not changed** more than 2°F/1°C in the past three hours
DOWN: Temperature fell more than 2°F/1°C in the past three hours

Outdoor Temperature Flashing

Low battery icon 🔋 present in the outdoor temperature area:
1. Change batteries in the transmitter, and press the TX button.
2. Hold the SENSOR SEARCH button for 3 seconds and the Temperature Station will search for the outdoor transmitter again.

End of Transmission Range:
1. Move the transmitter closer to the Temperature Station.
2. Avoid obstructions in the signal path.
3. Keep transmitter and Temperature Station away from electronics.

Install Batteries in the Temperature Station

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

If the Temperature Station does not display indoor temperature after 60 seconds, remove adapter and batteries and wait for at least 60 seconds before repeating the setup process.
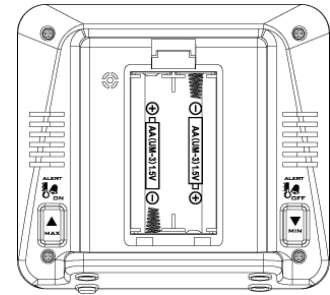
Install Batteries in the Outdoor Transmitter

1. Slide the battery cover down, then lift off the front of the transmitter.
2. Insert two new AA batteries into the transmitter. Observe the correct polarity (see marking inside battery compartment).
3. Keep transmitter 5-10 ft. from the Temperature Station during setup.
4. After 15 minutes, if the outdoor temperature shows on the Temperature Station, you can move the outdoor transmitter outside to a shaded location within range of the Temperature Station.

Care and Maintenance

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

Position the Temperature Station

Choose a location for the Temperature Station that is within range of the outdoor transmitter. The Temperature Station has a built in base stand to sit on a table or desk.

- Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Be aware of electrical wires and plumbing within a wall.
- Best reception is achieved when the front or the back of the Temperature Station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.
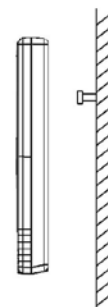
Position the Outdoor Transmitter

Once the Temperature Station shows the outdoor temperature, place it 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 Temperature Station and under an overhang for accuracy.

Option 1:
- Install one mounting screw (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 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.

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

Power

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

Battery Life

TX141-A Transmitter Battery Life:	Battery life is over 24 months when using reputable battery brands.
Temperature Station Battery Life:	Battery life is over 24 months when using reputable battery brands.

Dimensions

Temperature Station:	4.27"L x 1.48"W x 3.88"H (108 x 38 x 99 mm)
TX141-A Transmitter:	1.57" L x 0.79" W x 5.12" H (40 x 20 x 130 mm)

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 or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting your 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.

Your 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 your owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse 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 your State. Some States do no 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
2809 Losey Blvd. S.
La Crosse, WI 54601

Product Registration:
www.lacrossetechnology.com/support/register
Contact Support: 1-608-782-1610

Online information at:
www.lacrossetechnology.com/k84322

Protected under U.S. Patents:
5,978,738
6,076,044
6,597,990

FCC Statement

RF Exposure mobile:
The internal / external antennas used for this mobile transmitter must provide a separation distance of at least 20 cm (8 inches) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Statement according to FCC part 15.19:
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.

Statement according to FCC part 15.21:
Modifications not expressly approved by this company could void the user's authority to operate the equipment.

Statement according to FCC part 15.105:
NOTE: 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

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