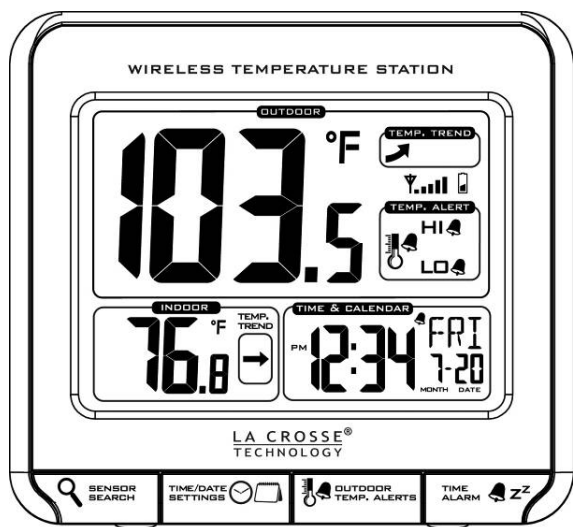# LA CROSSE®
TECHNOLOGY

Wireless Temperature Station
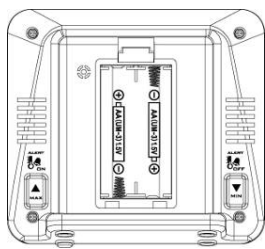### Model: 308-1790 | Quick Setup Guide

The Wireless Temperature Station features manual set time, date, alarm with snooze, indoor and outdoor temperature with high and low outdoor temperature alarms. Large temperature digits provide temperature at a glance. Wireless transmission range of over 200 feet (60 meters) in open air, from transmitter to temperature station.
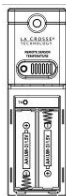
SETUP INSTRUCTIONS STEP BY STEP

STEP 1:
- Remove battery cover from the Temperature Station. Slide tab down and pull out to remove the battery cover.
- Insert 2 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 2 NEW AA batteries into the transmitter. Observe the correct polarity.
- Within 3 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.

TRANSMITTER SIGNAL STRENGTH

- After the batteries are inserted, the weather station will search for the outdoor temperature/humidity transmitter for 3 minutes.
- The antenna symbol will flash during reception, and temperature display will be dashes "---".
- The antenna symbol will scroll during signal synchronization.
- If synchronization fails once, the antenna will lose one bar.
- If synchronization fails twice, the antenna will lose two bars.
- If reception continuously fails to receive 5 times, the antenna symbol will be shown as.
- The antenna will show full display with successful RF (radio frequency) reception.

TROUBLESHOOTING

- 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.

TIME/DATE

The TIME/DATE button moves through the program menu and confirm settings.

▲ The UP arrow (on back) will increase a selected value.

▼ The DOWN arrow (on back) will decrease a selected value.

SET TIME/DATE

Hold the TIME/DATE button for three seconds to enter time set mode.

- YEAR: The **Year** will flash, use the ARROW buttons to choose the year, and press the TIME/DATE button to confirm and move to the month.
- MONTH: The **Month** will flash, use the ARROW buttons to choose the month, and press the TIME/DATE button to confirm and move to the date.
- DATE: The **Date** will flash; use the ARROW buttons to choose the date. Press the TIME/DATE button to confirm and move to 12/24 hour time format.
- 12/24-HOUR: The time format **12H** will flash, use the ARROW buttons to choose 12-hour or 24-hour time format and press the TIME/DATE button to confirm and move to hour.
- HOUR: The **Hour** will flash, use the ARROW buttons to choose the hour, and press the TIME/DATE button to confirm and move to minutes.
- MINUTES: The **Minutes** will flash, use the ARROW buttons to choose the minutes, and press the TIME/DATE button to confirm and move to Fahrenheit/Celsius.
- FAHRENHEIT/CELSIUS: **°F or °C** will flash. Use the ARROW buttons to select Fahrenheit or Celsius. Press and release the TIME/DATE 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 time and temperature display mode.

TIME ALARM

The TIME ALARM button moves through alarm set mode and confirms settings.

The UP arrow (on back) will increase a value.
The DOWN arrow (on back) will decrease a value.

SET ALARM

From normal time and temperature display 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.
● HOUR: The **Hour** will flash, use the ARROW buttons to set the hour, and press TIME ALARM button to confirm. Then press the TIME ALARM button again switch to minute setting.
● MINUTES: The **Minutes** will flash, use the ARROW buttons to set the minutes, and press TIME ALARM button to confirm.
● Press the TIME/DATE button to return to normal mode
Note: When no buttons are pressed for ten seconds, the Temperature Station will save the last change and default back to normal time and temperature display mode,.

ACTIVATE/DEACTIVATE ALARM

● From normal time and temperature display mode, press and release the TIME ALARM button once to show alarm time.
● Press and release the TIME ALARM button repeatedly to turn the alarm ON/OFF. The alarm icon ◢ appears when alarm is activated.

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

LOW BATTERY

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

MIN/MAX TEMPERATURE

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 once to view the minimum Indoor and Outdoor 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.
● **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 weather station will return to display the current temperature.

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 ARROW 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 ARROW 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:

○ Outdoor HI
○ Outdoor LO

● Press the UP ARROW button (Alert ON) to turn the selected alert ON. The alert icon ◢ appears when alarm is activated.
● Press the DOWN ARROW 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 DOWN ARROW 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 rising 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 falling more than 2°F/1°C in the past three hours

POSITION THE TEMPERATURE STATION

2

Choose a location for the Temperature Station that is within range (200 feet, 60 meters) of the outdoor transmitter. The Temperature Station has a built in base to sit on a table or desk.
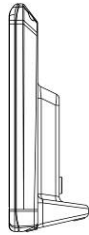
- Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers, baby monitors, etc., which can prevent signal reception.
- Be aware of electrical wires and plumbing within a wall.
- Best reception is achieved when the front or the back of the Temperature Station is facing the outdoor transmitter. This allows a larger portion of the antenna to receive a signal.
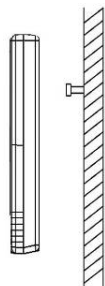
POSITION THE WIRELESS OUTDOOR TRANSMITTER

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 (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.

CARE AND MAINTENANCE

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose the weather station to extreme temperatures, vibration or shock.
- Keep weather station dry.
- Clean weather station with a soft damp cloth. Do not use solvents or scouring agents.
- The weather station is not a toy. Keep it out of reach of children.
- The weather station is not to be used for medical purpose or for public information; it is for home use only.
- The specifications of this weather station may change without prior notice.

- Improper use or unauthorized opening of housing will void the warranty.
- If the weather station does not work properly, change the batteries.

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 ft. (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 Alkaline battery
                            brands.

Temperature Station
Battery Life: Battery life is over 24 months when
                            using reputable Alkaline 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 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

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

The complete instruction manual is available at: www.lacrossetechnology.com/308-179
Protected under U.S. Patents:
5,978,738
6,076,044
6,597,990

FCC /IC 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 and Industry Canada licence-exempt RSS standard (s). 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.

This device complies with Industry Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference,including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.
L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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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