LA CROSSE® TECHNOLOGY

Wireless **Rain Station**

Table of Contents

Power Up

1. Install 2 - AA batteries into your Rain Sensor.
2. Install batteries into your Rain Station.
3. Once the rain sensor is reading to your display, place it outside in an open area.

See our mounting video: bit.ly/mounting_rain

TX145R
Rain Sensor

Funnel

Rain Sensor:
• Flip down the locks on both sides of your rain sensor.
• Remove the funnel from the base to access the battery compartment.
• Flip up the top of the battery compartment to open.
• Insert 2-AA batteries according to polarity markings.
• Lock everything back into position.

Battery Compartment

Rocker

Locking Tabs
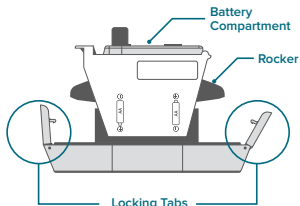
724-1409v2
Rain Station
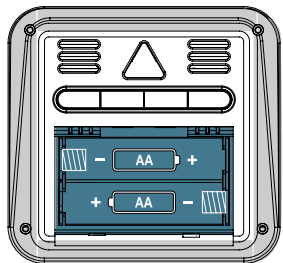
Station:
• Remove the battery cover (under the pull out stand).
• Insert 2-AA batteries according to polarity markings.

Settings Menu

1. Hold the **HISTORY/TIME SET** button until the display changes to enter the Settings Menu.

2. Press and release the **+** or **-** button to adjust and the **HISTORY/TIME SET** button to confirm and exit.

Settings Menu Order:
• Beep ON/OFF
• Hour
• Minutes
• 12/24 Hour
• Year
• Month
• Date
• M/Day or Day/M
• Inches or MM
• °F or °C

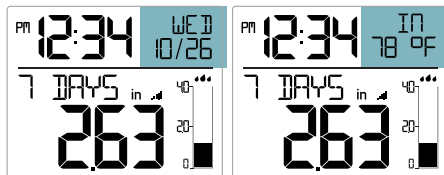| RAIN	HISTORY	—	+/ MODE
PRESS & HOLD ▶ ALERT	TIME SET	RESET	SENSOR
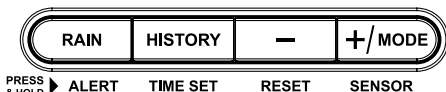
Weekday: Will set automatically when your Year, Month, and Date are set.

Custom Display

Press and release the **+/MODE** button to view Calendar or Indoor Temperature.

Station will stay on selection.

Rain Readings

Press the **RAIN/ALERT** button to view different rain readings. The time and date will disappear for 20 seconds. Rainfall readings will stay on your selection.

NOW (rain drops ♦♦♦ will flash):
• Rain from the start of a rain event, until no rain has accumulated for 30 minutes. Resets to zero after 30 minutes of no additional rainfall.
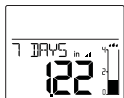
ONE HR:
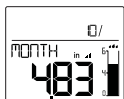• Rainfall that has accumulated during the past hour. Updates every 5 minutes.

24HR:
• Rainfall based on past 24 hours. At each full hour, 1 hour is recorded. This is a running total.

7 DAYS:
• Rainfall of last 7 consecutive 24HR rain readings. Updates each day at 0:00. Not a subject to the calendar. Be sure time is set.
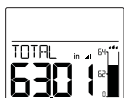
MONTH:
• Current Month. Resets the first day of the month
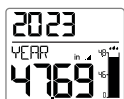
YEAR:
• Current year starting January 1 total.

TOTAL:
• Total Rainfall since powered on or reset.

Note: As time passes without rain, the Now, One Hr, 24 Hrs, and 7 day rainfall totals will count back to zero. This is normal.

Reset Rain Readings

1. Press the **RAIN/ALERT** button to view rain readings:
  (Now, One Hr, 24 Hrs, 7 Days, Month, Year or Total)
2. While viewing individual rain readings, hold the **-/RESET** button to reset individual rainfall reading.

Note: This will not affect the 12 month history readings which are stored in memory.

Rain Cylinder Graph

The Rain Graph has 10 segments which change based on rainfall totals. The scale values automatically adjust when over 1-inch (25.4 mm) of rain is measured.

Note: If over 70 Inches (999 mm) is measured, the graph will appear full.
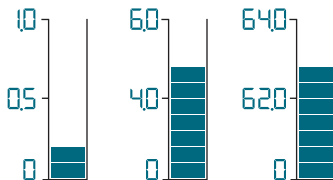
Rain History

• Rainfall History is viewable by the month for the past 12 months.
• Press and release the **HISTORY/TIME SET** button to view previous month's rainfall totals. HIST, Month, Year and Rainfall amount will show.
• The History by the month cannot be reset.
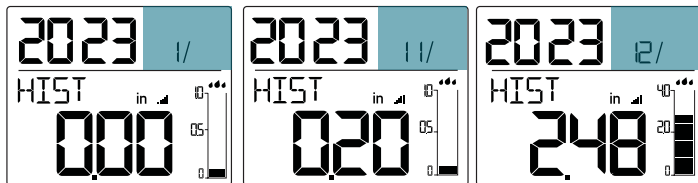
24-Hour Rain Alert

1. Hold the **RAIN/ALERT** button until the display changes to enter the alert settings mode.

2. Alert OFF will show. Press and release the **-** or **+/MODE** button to turn ON the rainfall alert.

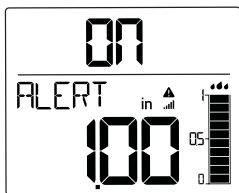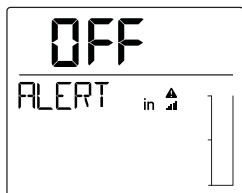**3.** When ON is selected the 24-hour rain **alert value** will show. Press and release the **-** or **+/MODE** buttons to adjust.

4. Press and release the **RAIN/ALERT** button to confirm and exit.

Triggered Alert
- When an alert value is reached, the Alert Icon ⚠ will flash on screen.
- The station will also beep 5 times each minute until the value moves out of the alert range.

Deactivate Alert
1. Hold the **RAIN/ALERT** button until you see Alert ON.
2. Press and release the **-** or **+/MODE** button to turn alert OFF.
3. Press **RAIN/ALERT** to exit.

Positioning Rain Sensor

For Accurate Measurements

- Mount the Rain Sensor horizontally and ensure it's level.
- The sensor should be mounted more than 3 feet (91.4 cm) above ground.
- Your Rain Sensor needs to be in an open area for accurate readings.
- Ensure the base of your Rain Sensor is not in a depression.
- This sensor has drainage holes in its base that allow it to self-empty.
- For more info, watch our sensor mounting video here: bit.ly/mounting_rain

Cleaning Your Rain Sensor

- Leaves, grass, or other debris may need to be removed periodically from the funnel of your Rain Sensor.
- Be sure to check inside your Rain Sensor as well. Insects or dirt can begin to restrict the movement of the Rocker.
- Unlatch the Locking Tabs on the side of the Rain Sensor to remove the Funnel. This will allow you to easily clean each part separately.

Funnel

Winter Storage Options

- Remove batteries and store sensor in a safe place.
- Remove batteries and cover the sensor where mounted.
- Leave outside, uncovered. While the Rain Sensor cannot accurately record snowfall, when the snow melts the water will be counted as rain.
- The Rain Sensor is self-emptying, so water should not freeze inside.
- This Rain Sensor is designed for outdoor use and will withstand temperatures below freezing.

Battery Compartment

Rocker

Locking Tabs
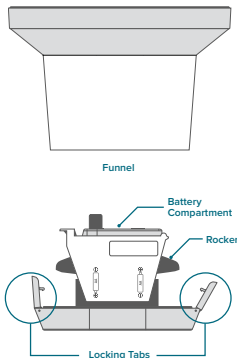
Search for Rain Sensor

If you are seeing "NO" or dashes for your rain readings, please try the following steps:

1. Hold the **SENSOR** button to search for the rain sensor. The Reception Indicator .▪▌ 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 both 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 into your station.

5. If your outdoor data is still not appearing after these steps, please contact our support staff. For additional help visit: bit.ly/basic_restart.

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 battteries.
• 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.

Specifications

RAIN STATION (724-1409v2)
- Indoor Temperature Range:
  32°F to 99°F (0°C to37°C)
- Power Requirements:
  2 "AA" Batteries (not included)
- Battery Life: Over 12 months
- Dimensions:
  3.55" L x 1.19" W x 3.35" H
  (9.02 cm L x 3.02 cm W x 8.52 cm H)
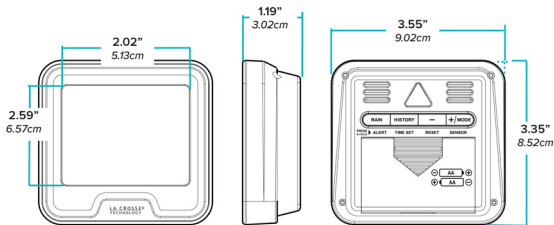
RAIN SENSOR (TX145R)
- Rainfall Range:
  0-393.6 in (0-9999mm)
- Transmission Range:
  330 ft (100 m) open air
  RF 433MHz
- Transmission Interval:
  Every 45 seconds.
- Power Requirements:
  2 "AA" Batteries (not included)
- Battery Life: Over 12 Months
- Dimensions:
  7.16" L x 4.76" W x 5.24" H
  (18.18 cm L x 12.08 cm W x 13.30 cm H)
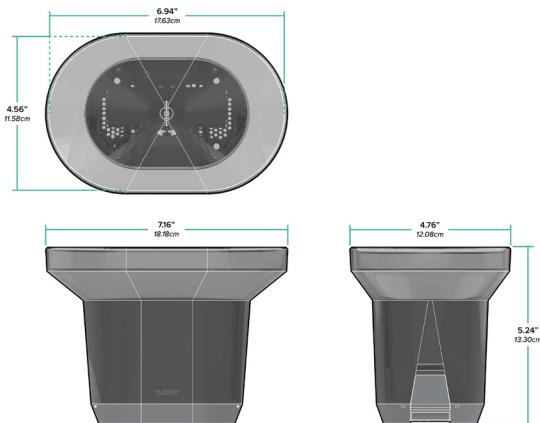
Stay in Touch!

Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on YouTube, Twitter, Facebook and Instagram.

We're Here to Help

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

Phone: 1.608.782.1610
Online: bit.ly/contact_techsupport
Self Help: bit.ly/724-1409v2_support

Our knowledgable customer support team is available:
Mon-Fri 8am-6pm CST

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

California Statement

⚠ **CA WARNING:**

This product can expose you to chemicals including acrylonitrile, 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.

Caution!
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®
TECHNOLOGY

DOUBLE YOUR WARRANTY

Scan the QR Code or visit: bit.ly/724-1409v2_register to register your product and double the standard 1-year warranty for free by opting to recieve occasional product emails.

Scan Here