

La Crosse Technology WS-9029U

La Crosse Technology WS-9029U Wireless Weather Station User Manual

Model: WS-9029U

1. INTRODUCTION

The La Crosse Technology WS-9029U Wireless Weather Station provides accurate indoor and outdoor temperature readings, indoor humidity levels, and a digital time display. This compact unit is designed for both wall hanging and tabletop display, offering convenient monitoring of your environment. It includes a wireless outdoor sensor with a detachable waterproof probe for specialized temperature measurements.

This manual provides detailed instructions for setting up, operating, and maintaining your weather station to ensure optimal performance.

2. PACKAGE CONTENTS

- WS-9029U Receiver Unit (Main Display)
- TX25U Wireless Outdoor Sensor
- Waterproof Temperature Probe (6 ft wire)
- User Manual

Note: Batteries are not included. The receiver requires 2 AA batteries, and the sensor requires 2 AAA batteries.

3. SETUP

3.1 Battery Installation

1. **Receiver Unit:** Open the battery compartment on the back of the receiver. Insert 2 fresh AA batteries, observing the correct polarity (+/-). Close the compartment.
2. **Wireless Sensor (TX25U):** Open the battery compartment on the back of the sensor. Insert 2 fresh AAA

batteries, observing the correct polarity (+/-). Close the compartment.

3.2 Sensor Synchronization

For proper communication, place the receiver unit and the wireless sensor next to each other during initial setup. The sensor will automatically transmit data to the receiver within a few minutes. If the outdoor temperature does not appear, press the 'set/ch' button on the receiver to initiate a search for the sensor.

3.3 Sensor Placement

Mount the TX25U wireless sensor in a dry, shaded area to ensure accurate temperature readings. Avoid direct sunlight or heat sources, which can skew measurements. The sensor can transmit data up to 330 feet (100 meters) to the receiver. The waterproof probe plugs into the sensor for additional temperature readings, such as soil or water temperature.





Image: La Crosse Technology TX25U Wireless Outdoor Sensor with its detachable waterproof probe. The sensor displays the outdoor temperature on its small LCD screen.

3.4 Setting Time and Temperature Units

Use the 'set/ch' button to cycle through settings. Press and hold 'set/ch' to enter time setting mode. Use the 'min/max/+' button to adjust values. Press 'set/ch' again to confirm and move to the next setting. You can select between 12-hour or 24-hour time formats and Fahrenheit (°F) or Celsius (°C) temperature units.

4. OPERATING INSTRUCTIONS

4.1 LCD Display Overview

The receiver's LCD screen displays the following information:

- **TIME:** Digital clock (12 or 24-hour format).
- **INDOOR:** Current indoor temperature and humidity percentage.
- **OUTDOOR:** Current outdoor temperature received from the wireless sensor.



Image: The main display unit of the La Crosse Technology WS-9029U Weather Station, showing time, indoor temperature, indoor humidity, and outdoor temperature.

4.2 Viewing MIN/MAX Readings

Press the 'min/max/+' button to cycle through the minimum and maximum recorded indoor temperature, indoor humidity, and outdoor temperature values. Pressing it once shows maximums, pressing it again shows minimums. To reset the MIN/MAX values, press and hold the 'min/max/+' button while the MIN/MAX values are displayed.

4.3 Multiple Sensors (Optional)

The weather station can accommodate up to three remote sensors (sold separately). To switch between sensor channels (if multiple sensors are connected), press the 'set/ch' button briefly. The display will cycle through the outdoor temperature readings from each active sensor.

5. MAINTENANCE

5.1 Battery Replacement

Replace batteries in both the receiver and sensor units when the low battery indicator appears on the display. It is recommended to replace all batteries at the same time to ensure consistent performance. Always use fresh, high-quality batteries.

5.2 Cleaning

Clean the units with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the display or casing. Ensure the outdoor sensor and probe are free from debris.

5.3 Sensor Care

Periodically check the outdoor sensor for any obstructions or damage. Ensure the waterproof probe connection is secure if it is being used in a wet environment. For best results, keep the sensor in a location protected from extreme weather conditions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor temperature reading	Sensor out of range; low sensor battery; synchronization issue.	Move sensor closer to receiver; replace sensor batteries; press 'set/ch' on receiver to re-sync.
Inaccurate temperature readings	Sensor in direct sunlight or near heat source; low batteries.	Relocate sensor to a shaded area; replace batteries in both units.
Display is dim or blank	Low receiver battery.	Replace receiver batteries.
Time is incorrect	Time not set correctly.	Refer to Section 3.4 to set the time.

7. SPECIFICATIONS

- **Brand:** La Crosse Technology
- **Model:** WS-9029U
- **Indoor Temperature Range:** 14.1°F to 139.8°F (-9.9°C to 59.9°C)
- **Outdoor Temperature Range:** -39.8°F to 139°F (-39.9°C to 59.9°C)
- **Indoor Humidity Range:** 1% to 99% RH
- **Transmission Frequency:** 915 MHz
- **Transmission Range:** Up to 330 feet (100 meters) in open air
- **Number of Sensors Supported:** Up to 3

- **Receiver Power:** 2 x AA batteries (not included)
- **Sensor Power:** 2 x AAA batteries (not included)
- **Display Type:** LCD
- **Material:** Plastic
- **Receiver Dimensions:** Approximately 3 inches (W) x 1.18 inches (D) x 3.83 inches (H)
- **Sensor Dimensions:** Approximately 1.5 inches (W) x 0.75 inches (D) x 4.8 inches (H)
- **Item Weight:** 0.45 Pounds

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The La Crosse Technology WS-9029U Wireless Weather Station is covered by a limited one-year warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official La Crosse Technology website for support resources.