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- › [La Crosse Technology](#) /
- › [La Crosse Technology SW403 Weather Station User Manual](#)

La Crosse Technology SW403

La Crosse Technology SW403 Weather Station User Manual

Model: SW403

INTRODUCTION

Thank you for choosing the La Crosse Technology SW403 Weather Station. This device provides comprehensive weather information, including indoor and outdoor temperature and humidity, a 4-day forecast, and time/date functions, all displayed on a vibrant color screen. Its Wi-Fi connectivity allows for advanced features and data history via the Tuya application. Please read this manual carefully to ensure proper setup and operation.

PACKAGE CONTENTS

- La Crosse Technology SW403 Weather Station
- Outdoor Temperature/Humidity Sensor (assumed, typical for weather stations)
- AC Power Adapter
- User Manual (this document)

SETUP

1. Powering On the Weather Station

1. Insert the AC power adapter into the power jack on the back of the weather station.
2. Plug the adapter into a standard wall outlet. The display will illuminate.

2. Installing Batteries in the Outdoor Sensor

Open the battery compartment of the outdoor sensor and insert 2 AA batteries (not included), observing the correct polarity. Close the compartment securely. The sensor will automatically attempt to connect to the weather station.

3. Wi-Fi Connection (Mandatory for Full Functionality)

The SW403 requires a Wi-Fi connection for full functionality, including 4-day forecasts and data history. Follow these steps to connect:

1. Download the "Tuya Smart" or "Smart Life" application from your smartphone's app store (iOS or Android).
2. Register or log in to your account within the app.
3. On the weather station, press and hold the Wi-Fi button (often indicated by a Wi-Fi icon or a specific button on the side/back)

for a few seconds until the Wi-Fi indicator on the display starts flashing rapidly. This puts the station into pairing mode.

4. In the Tuya app, tap the "+" icon to add a new device. Select "Small Home Appliance" > "Weather Station" or search for "Weather Station".
5. Confirm that the Wi-Fi indicator on the station is flashing rapidly.
6. Enter your 2.4GHz Wi-Fi network password (5GHz networks are not supported).
7. Follow the on-screen instructions in the app to complete the connection. Once connected, the Wi-Fi indicator on the station will become solid.

Note: If you experience difficulty connecting, ensure your Wi-Fi network is 2.4GHz and that your phone is connected to the same network during the pairing process. Try moving the station closer to your router.

4. Initial Settings (Time, Date, Units)

Once connected to Wi-Fi, the time and date should synchronize automatically. If manual adjustment is needed, refer to the operating instructions for setting time, date, and preferred units (Celsius/Fahrenheit, 12/24 hour format).



Image: Front view of the La Crosse Technology SW403 Weather Station, displaying time, indoor/outdoor temperature and humidity, and a multi-day weather forecast on its color screen.

OPERATING INSTRUCTIONS

1. Display Overview

The color LCD screen provides various data points:

- **Time and Date:** Displays current time (12 or 24-hour format) and date.
- **Day of the Week:** Clearly shown on the display.
- **Indoor Temperature and Humidity:** Current readings for the station's location.
- **Outdoor Temperature and Humidity:** Readings from the connected wireless sensor.
- **Min/Max Records:** Historical minimum and maximum temperature/humidity values.
- **4-Day Weather Forecast:** Icons and temperature predictions for today and the next four days.
- **Comfort Indicator:** An icon or text indicating the current indoor comfort level.
- **Wi-Fi Connection Status:** An icon indicating if the station is connected to Wi-Fi.

2. Setting Alarms

The station features 3 alarms with a snooze function.

1. Press the "ALARM" button (or similar) to cycle through Alarm 1, Alarm 2, Alarm 3, and Alarm Off.
2. When an alarm is selected, press and hold the "ALARM" button to enter setting mode.
3. Use the "UP" and "DOWN" arrows to adjust the hour and minute. Press "ALARM" to confirm each setting.
4. To activate/deactivate an alarm, press the "ALARM" button briefly when the desired alarm is displayed. An alarm icon will appear/disappear.
5. When an alarm sounds, press any button (except "SNOOZE") to stop it for 24 hours, or press "SNOOZE" for a temporary delay.

3. Viewing Min/Max Records

Press the "MIN/MAX" button (or similar) repeatedly to cycle through the recorded minimum and maximum indoor/outdoor temperature and humidity values. These records typically reset daily or can be manually cleared.

4. Temperature Alerts

Set customizable alerts for indoor and outdoor temperatures. Consult the specific button layout on your device for accessing and setting these alerts. When an alert threshold is met, an audible alarm or visual indicator will activate.

5. USB Charging Port

A USB charging port is integrated into the weather station, allowing you to conveniently charge your smartphone or other USB-powered devices.



Image: Angled view of the La Crosse Technology SW403 Weather Station, showcasing its sleek design and the clear, colorful display from a different perspective.

MAINTENANCE

1. Cleaning the Unit

Wipe the weather station and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the display or casing. Ensure no moisture enters the device openings.

2. Battery Replacement (Outdoor Sensor)

When the low battery indicator appears for the outdoor sensor, replace the batteries with new ones (2 AA, alkaline recommended). Ensure correct polarity. After replacement, the sensor should automatically re-establish connection with the main unit.

3. Firmware Updates

Periodically check the Tuya Smart app for any available firmware updates for your weather station. Updates can improve performance and add new features. Follow the app's instructions for any update procedures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit	Power adapter not connected or faulty.	Ensure the AC adapter is securely plugged into the unit and a working power outlet. Try a different outlet.
Outdoor sensor not displaying data	Sensor out of range, low batteries, or interference.	Replace sensor batteries. Move sensor closer to the main unit. Avoid large metal objects or electronics between units. Re-sync the sensor if necessary (refer to specific device instructions).
Wi-Fi connection fails or disconnects frequently	Incorrect Wi-Fi password, 5GHz network, weak signal, or app issue.	Ensure you are connecting to a 2.4GHz Wi-Fi network. Verify the password. Move the station closer to your Wi-Fi router. Restart your router and the weather station. Re-attempt pairing via the Tuya app.
Inaccurate temperature/humidity readings	Sensor exposed to direct sunlight, heat sources, or moisture.	Relocate the outdoor sensor to a shaded, well-ventilated area, away from direct sunlight, rain, or heat sources. Allow time for readings to stabilize.

SPECIFICATIONS

- Model:** SW403-BLA
- Manufacturer:** La Crosse Technology
- Color:** Black
- Material:** Plastic
- Display Type:** LCD, Color
- Connectivity Technology:** Wi-Fi
- Power Source:** Battery Powered (for sensor), AC Adapter (for main unit)
- Special Features:** Large screen, Wi-Fi connectivity, 4-day forecast, USB charging port, Alarms, Min/Max records, Comfort indicator
- Measurement Accuracy:** +/-1°C
- Package Dimensions:** 21.8 x 14.4 x 6.8 cm
- Item Weight:** 500 grams
- Included Components:** AC Power Adapter

WARRANTY AND SUPPORT

La Crosse Technology products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official La Crosse Technology website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact La Crosse Technology customer service through their official website or the contact information provided in your product packaging.

