sainlogic SA9

Sainlogic SA9 WiFi Smart Weather Station User Manual

Model: SA9

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Sainlogic SA9 WiFi Smart Weather Station. Please read this manual thoroughly before using the product to ensure correct installation and optimal performance. The Sainlogic SA9 offers comprehensive weather monitoring with an 8.5-inch color display and integrates with the Weatherseed App for advanced features.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- Display Console
- Integrated Outdoor Transmitter (7-in-1 Sensor)
- Power Adapter
- User Manual
- Foot Mounting (with pole insert)
- Mounting Bracket Back Plate (polemount)
- Mounting Pole
- 2 Pole mounting nuts (M3) / bolts (x3)
- 4 Pole mounting nuts (M5) / bolts (x5)
- 4 Tapping screws

SETUP & INSTALLATION

Follow these steps to set up your Sainlogic SA9 Weather Station.

1. Display Console Pairing & Wi-Fi Setup

The display console connects to the Weatherseed App via Wi-Fi (2.4G only) and Bluetooth for initial setup.

1. **Download the Weatherseed App:** Search for "Weatherseed" in your app store and install it.
2. **Open the App and Add Device:** Launch the Weatherseed App, tap "Add Device", and select the SA9 model.
3. **Enable Bluetooth on your Phone:** Ensure Bluetooth is active on your smartphone.
4. **Activate Bluetooth Pairing Mode on Display:** Press and hold the **Min/Max** button on the right side of the display for 5 seconds. The Bluetooth icon and "BT" will light up on the screen.

5. **Scan QR Code:** In the app, skip the network configuration tutorial and scan the QR code located on the back of the display console.

6. **Select Bluetooth Pairing Mode:** Choose "Bluetooth distribution network" in the app.

7. **Connect to 2.4GHz Wi-Fi:** Once successfully connected via Bluetooth, the app will prompt you to configure the network. Select your 2.4GHz Wi-Fi network and enter the password. Tap "Start binding".

After successful connection, your device will appear in the app interface, providing 24/7 accurate weather forecasts and alerts.

Image: Sainlogic SA9 Display Console and Weatherseed App Interface showing current weather data and forecast.

Only 3 Steps Connect to Weatherseed APP

Plug in the weather station
Note: WiFi can only be connected when it is plugged in,and it cannot be connected when it is powered by batteres. And it only supports 2.4GHz wireless networks.

❶ Tap "Add Device" and Select model SA9.

❷ Press and hold the Max/Min button for 3s and scan the QR code to pair.
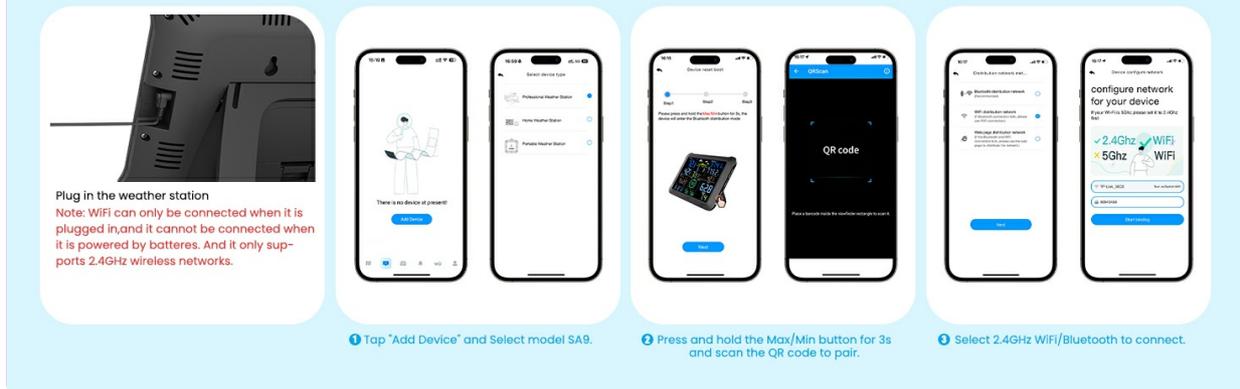
❸ Select 2.4GHz WiFi/Bluetooth to connect.

Image: Visual guide for connecting the Sainlogic SA9 to the Weatherseed App in 3 steps.

2. Outdoor Sensor Pairing

The outdoor transmitter (7-in-1 sensor) wirelessly connects to the display console.

1. **Activate Pairing Mode on Display:** Press and hold the **Channel** button on the display console for 3 seconds. Other icons on the screen will go out, and the search icon will begin to flash.
2. **Reset Outdoor Transmitter:** Press the **RESET** key on the outdoor transmitter. The LED light will blink.
3. **Confirm Connection:** The outdoor transmitter and console will start pairing. Once successfully connected, the search icon on the display will stop flashing, and weather data will appear.

Your browser does not support the video tag. Please update your browser.

Video: Sainlogic WiFi Smart Weather Station SA9 - Display Console and Outdoor Sensor Pairing Tutorial. This video demonstrates the steps to pair the display console with the outdoor sensor and connect to the Weatherseed app.

3. Outdoor Transmitter Installation

Proper installation of the outdoor transmitter is crucial for accurate readings. Ensure the transmitter is fixed securely to prevent movement in windy conditions.

1. **Location:** Choose an open area at least 5 feet (1.5 meters) off the ground, away from obstructions that could affect wind, rain, or sunlight readings.
2. **Orientation:** If located in the Northern Hemisphere, aim the 'S' sign on the sensor towards the North. If in the Southern Hemisphere, aim the 'S' sign towards the South.
3. **Mounting Options:** Use the provided adjustable bracket and screws to mount the sensor on a pole or flat surface.
4. **Leveling:** Use the built-in bubble level on the sensor to ensure it is perfectly horizontal for accurate rain and wind measurements.

Very Easy to Install

Mount on top

Mount on pole(top)

Mount on side

Mount on pole(side)

Image: Various mounting configurations for the outdoor 7-in-1 sensor, including top, pole-top, side, and pole-side mounts.

All-In-One Weather Monitoring

UV/Sunlight Sensor

Bubble Level

Wind Cup

Rain Collector

Solar Panel

Thermometer-Hygrometer Sensor

Wind Vane

MOUNT TO A RAILING*
OR POLE* IN AN OPEN SPACE
AT LEAST 5 (1.5 M)OFF THE GROUND

Sainlogic

Image: Diagram illustrating the components of the 7-in-1 outdoor sensor, including wind cup, UV/sunlight sensor, rain collector, thermometer-hygrometer sensor, wind vane, and solar panel.

Your browser does not support the video tag. Please update your browser.

Video: Sainlogic Weather Stations Wireless Indoor Outdoor SA9 - Outdoor Transmitter Installation Tutorial. This video provides a visual guide for installing the outdoor sensor.

OPERATING INSTRUCTIONS

Your Sainlogic SA9 Weather Station provides real-time local weather data and advanced forecasting capabilities.

Display Console Functions

- **Data Display:** The 8.5-inch screen shows temperature (°C/°F), humidity, rainfall, wind speed/direction, UV and sunlight levels, barometric pressure, time, and date.
- **Forecast Icons:** Dynamic icons indicate upcoming weather conditions.
- **Customizable Alerts:** Set alerts for temperature, humidity, and barometric pressure directly from the Weatherseed App.

Weatherseed App Integration

The Weatherseed App enhances your weather monitoring experience:

- **24/7 AI Weather Forecasts:** Access accurate, AI-driven forecasts for 24 hours and 7 days.

- **Real-time Monitoring:** View live data from your outdoor sensor and indoor conditions.

- **Instant Alerts:** Receive notifications via the app or email for critical weather changes.

- **Historical Data:** Access up to 2 years of historical data through charts and graphs.

- **Data Export:** Download historical data in Excel format for detailed analysis (up to 30 days per export).

- **Weather Underground Connection:** The app supports connection to Weather Underground for sharing and comparing data.

Image: The Weatherseed App displaying real-time weather data, including wind, sun/moon phases, humidity, and rainfall charts.

Image: Screenshot of the Weatherseed App showing instant alert notifications for temperature and pressure, alongside the display console.

Image: The Weatherseed App demonstrating 2-year historical data storage and export functionality to Excel format for detailed analysis.

Maintenance

To ensure the longevity and accuracy of your Sainlogic SA9 Weather Station, follow these maintenance guidelines:

- **Battery Replacement:** The outdoor sensor requires 3 AA batteries (not included) for backup power during nighttime or low sunlight conditions. Replace batteries annually or when indicated by the display.
- **Cleaning:** Regularly clean the rain collector funnel and wind cups to prevent debris buildup, which can affect accuracy. Use a soft, damp cloth for the display console.
- **Sensor Check:** Periodically inspect the outdoor sensor for any physical damage or obstructions.

Troubleshooting

If you encounter issues with your Sainlogic SA9 Weather Station, refer to the following common problems and solutions:

- **No Outdoor Data on Display:** Ensure the outdoor sensor batteries are correctly installed and charged. Verify that the sensor is within range of the display console. Re-pair the outdoor sensor with the display console (refer to Setup & Installation section).
- **Wi-Fi Connectivity Issues:** Confirm your Wi-Fi network is 2.4GHz. Ensure the display console is plugged in (Wi-Fi only works when powered by adapter, not batteries). Re-attempt Wi-Fi setup via the Weatherseed App.
- **Inaccurate Rain Gauge Readings:** Check the rain collector for any blockages (e.g., leaves, insects). Ensure the

outdoor sensor is level.

- **Incorrect Time/Date:** Ensure the display console is connected to Wi-Fi, as it synchronizes time automatically. If manual adjustment is needed, refer to the full user manual.
- **App Not Displaying Data:** Verify the display console has a stable Wi-Fi connection. Ensure the app is updated to the latest version. Re-bind the device in the app if necessary.

SPECIFICATIONS

Feature	Detail
Model Number	SA9
Display Type	8.5" LCD Color Display
Connectivity	Wi-Fi (2.4Ghz Only), Bluetooth
Outdoor Sensor	7-in-1 (Temperature, Humidity, Rainfall, Wind Speed/Direction, UV, Sunlight)
Power Source (Display)	Power Adapter
Power Source (Outdoor Sensor)	Solar Panel + 3 AA batteries (not included)
Data Storage	Up to 2 years via Weatherseed App
Temperature Accuracy	±1 °C
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	8.5"D x 6.2"W x 1"H
Item Weight	2.3 Pounds

WARRANTY & SUPPORT

Sainlogic is committed to providing quality products and excellent customer service.

- **Warranty:** Your Sainlogic SA9 Weather Station comes with a standard warranty. Please refer to the product packaging or official website for specific warranty terms and registration details.
- **Customer Service:** Our U.S. local phone support is available Monday through Friday, 10:00 AM to 6:00 PM (Eastern Time).
- **Email Support:** For email inquiries, we guarantee a reply within 24 hours on weekdays and within 48 hours on weekends.
- **Online Resources:** Visit the Sainlogic official website for additional guides, FAQs, and support resources. You can also seek support directly through the Weatherseed App.
- **Returns:** Enjoy Amazon's standard 30-day return service for eligible purchases.