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> Sainlogic SA6 Plus Smart WiFi Weather Station User Manual

Sainlogic SA6 Plus

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Model: SA6 Plus

1. INTRODUCTION

Thank you for choosing the Sainlogic SA6 Plus Smart WiFi Weather Station. This manual provides detailed instructions for the setup, operation, and maintenance of your weather station to ensure accurate and reliable weather monitoring. The SA6 Plus offers comprehensive indoor and outdoor weather data, including temperature, humidity, wind speed, wind direction, rainfall, and barometric pressure, accessible via a clear display and the Weatherseed mobile application.



Smart Weather Station SA6 Plus

Accuracy Weather Data, Anytime-Anywhere Monitoring



Temperature



Humidity



Pressure



24/7 Weather Forecast



Easy-to-Read Display



Dew Point & Rainfall



Wind Speed/Direction/Gust



Moon Phase



APP/Email Alerts



2 Years Data Storage & Download



Get the [Weatherseed®](#) app for monitoring the weather status

Image: Overview of the Sainlogic SA6 Plus Smart WiFi Weather Station, highlighting its key features and components.

2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components are present in your package:

- Display Console
- Outdoor Sensor (5-in-1 Multi-Sensor)
- User Manual
- Power Adapter
- Foot Mounting (with pole insert)
- Mounting Bracket Back Plate (pole mount)
- Mounting Pole
- 2x Pole mounting nuts (M3) / bolts (ø3)
- 4x Pole mounting nuts (M5) / bolts (ø5)
- 4x Tapping screws

3. SETUP

3.1 Outdoor Sensor Installation

The outdoor sensor is designed for easy mounting. Proper placement is crucial for accurate readings, especially for wind direction and temperature. Avoid obstructions and ensure it is securely fastened.

1. **Choose a Location:** Select an open area, free from obstructions like buildings or trees, that could interfere with wind or rain measurements. Rooftops, poles, or sturdy fences are ideal.
2. **Assemble the Sensor:** Attach the mounting pole to the outdoor sensor.
3. **Mount the Sensor:** Use the provided bracket and screws to securely mount the sensor. Ensure the bubble level on the sensor indicates a level installation for accurate rainfall and wind measurements.
4. **Insert Batteries:** The outdoor sensor requires 3 AA batteries (not included). Ensure correct polarity.

Very Easy to Install!



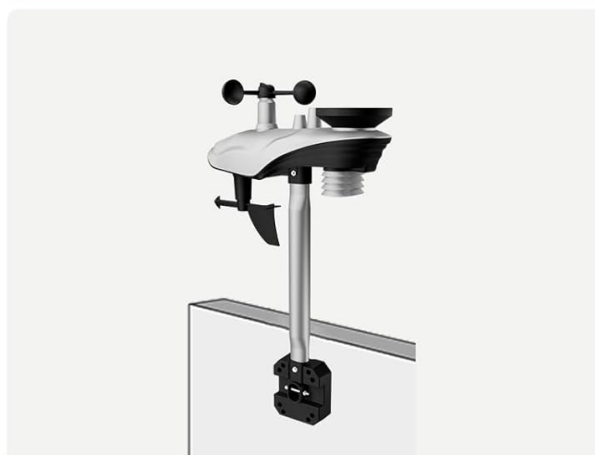
Mount on top



Mount on pole(top)



Mount on side



Mount on pole(side)

Image: Various mounting configurations for the outdoor sensor, including top and side pole mounts, and flat surface mounts.

3.2 Display Console Setup

1. **Power On:** Connect the power adapter to the display console and plug it into a power outlet. The display will light up.
2. **Insert Batteries:** The display console requires 3 AAA batteries (not included) for backup power.
3. **Sensor Connection:** The display console will automatically attempt to connect with the outdoor sensor. This may take a few minutes. Ensure the sensor is powered on and within range.


3.3 WiFi and App Connection (Weatherseed App)

To access AI-driven weather forecasts, alerts, and historical data, connect your weather station to the Weatherseed app. The station supports 2.4G WiFi networks only.

1. **Download App:** Download the "Weatherseed" app from your smartphone's app store.
2. **Add Device:** Open the app, create an account if necessary, and tap "Add Device." Select the model "SA6 Plus."
3. **Pairing:** On the display console, press and hold the **WIND/+** button for 3 seconds to enter pairing mode. A QR code will appear on the display. Scan this QR code with the Weatherseed app to pair.

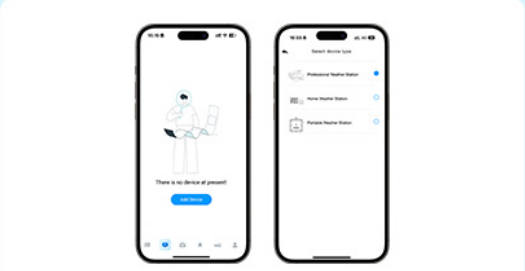
4. **Connect to WiFi:** Follow the in-app instructions to connect your weather station to your 2.4G WiFi network.

Only 3 Steps Connect to Weatherseed APP

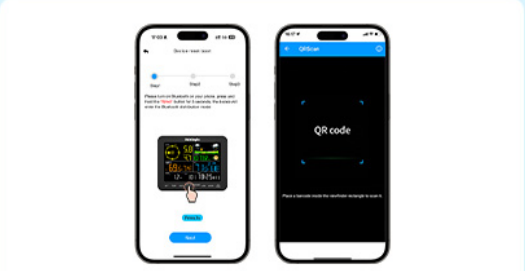


Plug in the weather station

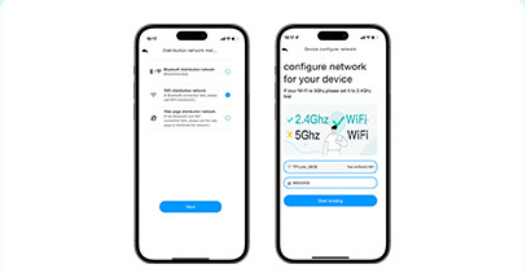
Note: WiFi can only be connected when it is plugged in, and it cannot be connected when it is powered by batteries. And it only supports 2.4GHz wireless networks



1 Tap "Add Device" and Select model SA6 plus.



2 Tap the Wind/+ button for 3s and scan the QR code to pair.



3 Select 2.4GHz WiFi/Bluetooth to connect.

Image: Step-by-step guide for connecting the weather station to the Weatherseed mobile application via WiFi.

4. OPERATING INSTRUCTIONS

4.1 Display Console Overview

The display console provides a clear, high-contrast view of all current weather data. Enlarged, bold fonts ensure easy readability.

Readable Screen, Crystal Clear

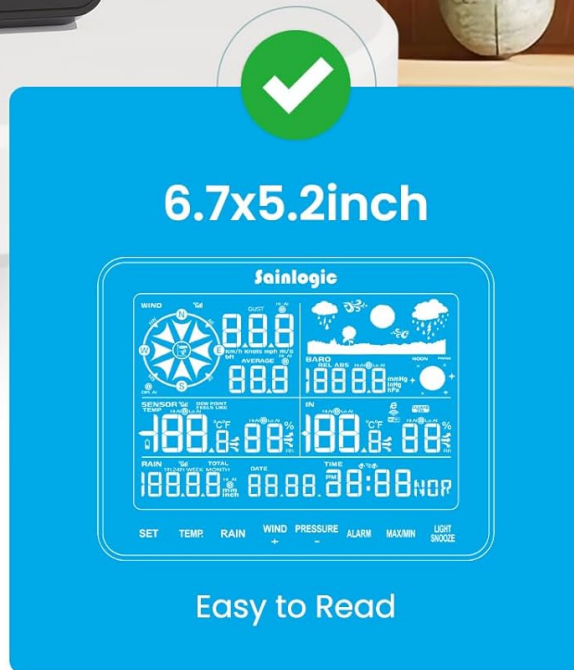
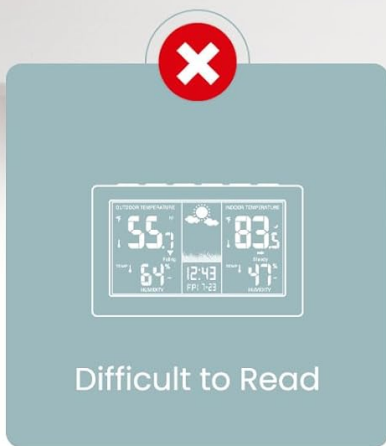


Image: Comparison illustrating the superior readability of the Sainlogic SA6 Plus display compared to smaller, less clear screens.

Large, Bright, All-In-One Display

Ultra-bright visibility, delivering complete weather data at a glance—even in direct sunlight.



Image: Detailed breakdown of the display console, indicating the location of various weather parameters and control buttons.

4.2 Weatherseed App Features

The Weatherseed app extends the functionality of your weather station, providing advanced monitoring and data analysis.

- **24/7 AI Weather Monitoring:** Receive real-time data and AI-driven forecasts.
- **Instant Alerts:** Get notifications for critical changes in temperature, humidity, and barometric pressure.
- **Historical Data:** Access and download up to 2 years of comprehensive weather data with Excel export capability. Analyze trends through intuitive charts.
- **Precision Rainfall Monitoring:** Accurate data recorded hourly, daily, weekly, monthly, and yearly.



2-Year Weather Archive: Store & Download Historical Data in Weatherseed APP

Image: The Weatherseed app displaying historical weather data and the option to download data for analysis.

Smart 24/7 AI Precision Rainfall Monitoring by Weatherseed APP

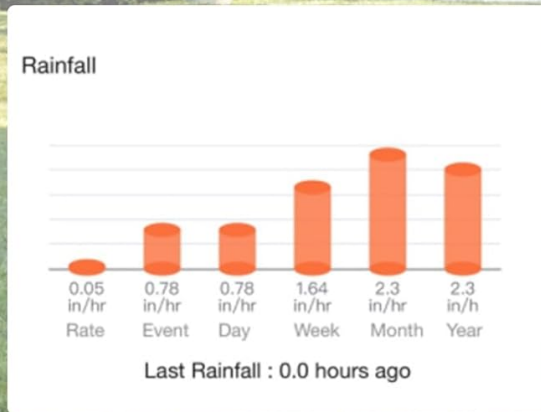
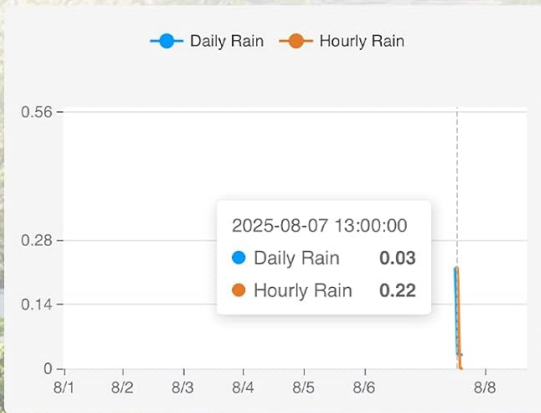


Image: The Weatherseed app interface demonstrating precise rainfall monitoring and data visualization.

Your Perfect Weather Companion – More Accurate Weather Data

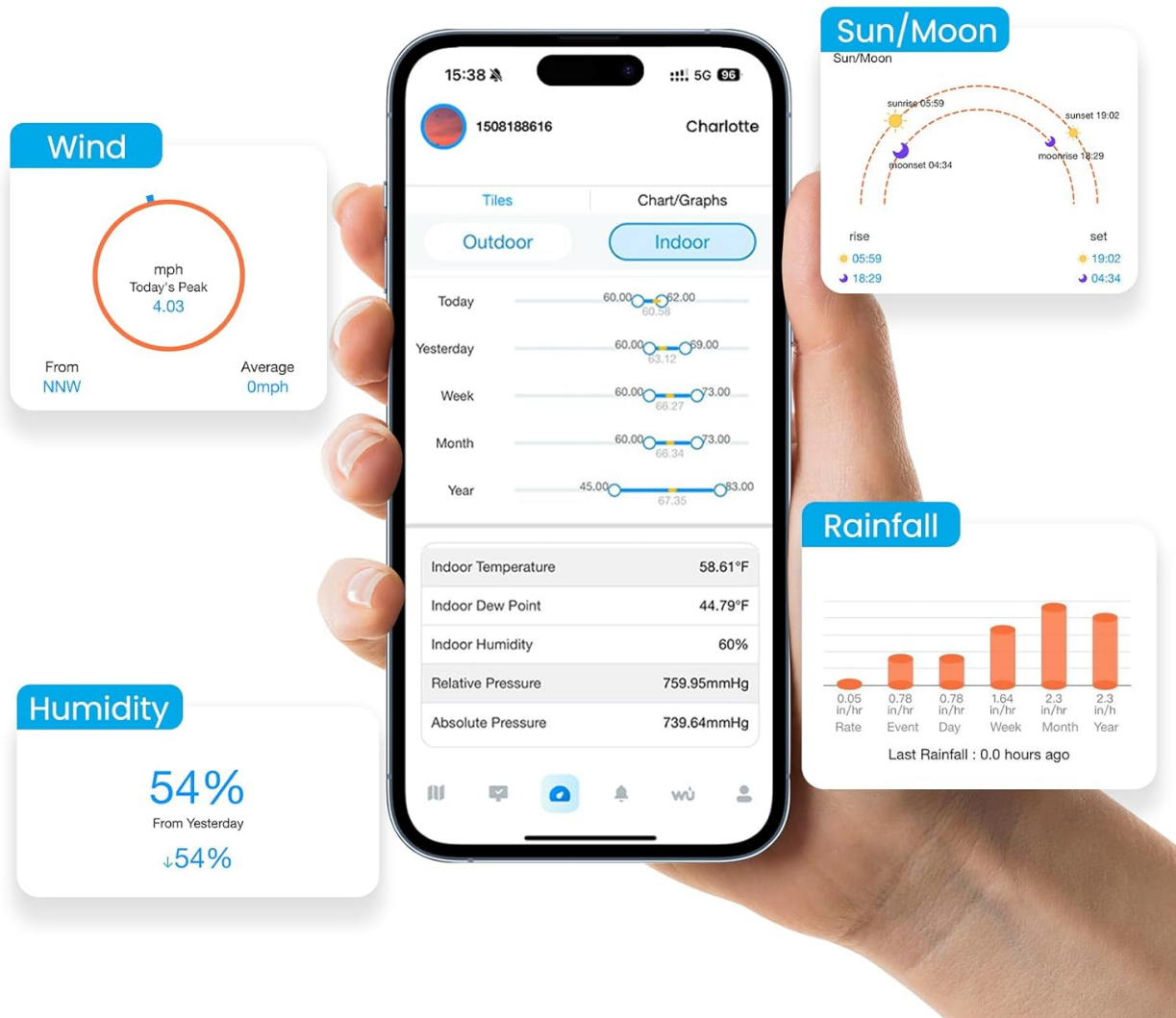


Image: The Weatherseed app providing comprehensive weather data, including wind, humidity, temperature, and astronomical information.

5. MAINTENANCE

To ensure the longevity and accuracy of your Sainlogic SA6 Plus Weather Station, consider the following maintenance tips:

- **Clean Outdoor Sensor:** Periodically check the outdoor sensor for dirt, debris, or insects that might obstruct the rain collector, wind cups, or wind vane. Clean gently with a soft, damp cloth.
- **Battery Replacement:** Replace batteries in both the outdoor sensor and display console as needed. Low battery indicators will appear on the display.
- **Firmware Updates:** Check the Weatherseed app regularly for any available firmware updates for your weather station to ensure optimal performance and new features.

6. TROUBLESHOOTING

If you encounter issues with your weather station, please refer to the following common solutions:

- **No Display/Power:** Ensure the power adapter is securely connected to the display console and a working power outlet. Check backup batteries.
- **No Outdoor Sensor Data:** Verify that the outdoor sensor has fresh batteries and is within range of the display console. Ensure no major obstructions are blocking the wireless signal.
- **WiFi Connection Issues:** Confirm your router is broadcasting a 2.4G WiFi signal. Ensure the weather station is within range of your router. Restart both the weather station and your router, then attempt to reconnect via the Weatherseed app.
- **Inaccurate Readings:** Check the outdoor sensor's mounting to ensure it is level and free from obstructions. For wind, ensure the wind vane and cups spin freely. For rain, ensure the collector is clear.
- **App Not Updating:** Ensure your smartphone has an active internet connection and the Weatherseed app is up to date.

7. SPECIFICATIONS

Detailed technical specifications for the Sainlogic SA6 Plus Smart WiFi Weather Station:



Image: Components of the 5-in-1 multi-sensor and examples of its versatile outdoor applications.

Sainlogic

- Item Model Number: **SA6 Plus**
- Weather Station Battery:
3 x AA Battery & 3 x AAA Battery (not included)
- Wi-Fi Operation Frequency: **2.4 GHz**
- RF Frequency: **433MHz**
- Main Material: **ABS**
- Input: **100-240V AC, 50/60 Hz, 0.4A**
- Output: **5.0V DC, 1000 mA, 5W**
- Net Weight: **2.9kg**
- Package Content: **1 x Display Console**
1 x Integrated Outdoor Transmitter
1x Foot Mounting (with pole insert)
1x Mounting Bracket Back Plate (polemount)
1x Mounting Pole
2x Pole mounting nuts (M3) / bolts (03)
4x Pole mounting nuts (M5) / bolts (05)
4x Tapping screws 1x Manual 1x Adapter



Image: Comprehensive technical specifications and dimensions for the SA6 Plus weather station and its components.

Feature	Detail
Model Number	SA-WS (SA6 Plus)
Display Type	LCD
Power Source	Display Console: Power Adapter (included), 3 AAA batteries (not included) for backup. Outdoor Sensor: 3 AA batteries (not included).
Connectivity Technology	Wi-Fi (2.4G only), RF (433MHz)
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions (Display)	1"D x 6.7"W x 5.2"H (25mm D x 170mm W x 132mm H)
Rainfall Accuracy	±1mm (for rainfall <15mm), ±7% (15-9999mm)
Data Storage	Up to 2 years via Weatherseed App (exportable to Excel)
Included Components	Display Console, Outdoor Sensor, Manual, Power Adapter, Mounting Hardware

8. WARRANTY

Specific warranty information is typically provided with the product packaging or on the manufacturer's official website. Please refer to these sources for details regarding your product's warranty coverage.

9. SUPPORT

For any questions, technical assistance, or support, please contact Sainlogic customer service:

- **Phone Support:** U.S. local phone support available Monday through Friday, 10:00 AM to 6:00 PM (Eastern Time).
- **Email Support:** Guaranteed reply within 24 hours on weekdays and 48 hours on weekends.
- **Online Resources:** Visit the official Sainlogic website for additional support and FAQs.