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› AcuRite Iris (5-in-1) Home Weather Station User Manual

AcuRite 01544

AcuRite Iris (5-in-1) Home Weather Station User Manual

Model: 01544 | Brand: AcuRite

INTRODUCTION

The AcuRite Iris (5-in-1) Home Weather Station provides real-time weather conditions, including indoor and outdoor temperature, humidity, wind speed and direction, barometric pressure trends, and rainfall totals. This system is designed for home or business use, offering comprehensive weather data and remote monitoring capabilities via Wi-Fi connection to My AcuRite.

What's in the Box

- Display Unit
- 5-in-1 Outdoor Sensor
- Mounting Bracket and Hardware
- Power Adapter
- Instruction Manual



The AcuRite Iris 5-in-1 Home Weather Station components, including the indoor display, outdoor sensor, and a smartphone displaying the My AcuRite app.

SETUP GUIDE

Follow these steps to set up your AcuRite Iris (5-in-1) Home Weather Station.

Step 1: Powering the Display Unit

Plug the display unit into a power outlet using the provided power adapter. It is recommended to install 3 AAA backup batteries (not included) in the display unit's battery compartment to retain settings during power outages.

Step 2: Outdoor Sensor Preparation

Open the battery compartment of the 5-in-1 outdoor sensor. Locate the A-B-C switch inside the battery compartment and

set it to match the A-B-C switch setting on your display unit. Install 4 AA batteries (not included) into the sensor's battery compartment. Ensure the rain gauge stabilizer is removed from the bottom of the sensor before mounting.



Detailed view of the 5-in-1 outdoor sensor, highlighting its components for accurate weather measurement.

Step 3: Mounting the Outdoor Sensor

Mount the 5-in-1 outdoor sensor in an open area at least 5 feet (1.5 meters) off the ground. Ensure the front solar cell is facing south for optimal charging. Position the sensor away from heat and humidity sources (e.g., air conditioners, dryer vents). The sensor should be level for accurate rain reporting. Use the included mounting hardware to secure the sensor.



The outdoor sensor properly mounted on a pole, demonstrating ideal placement for accurate readings.

Step 4: Wi-Fi Connection to My AcuRite

To connect your weather station to Wi-Fi and access My AcuRite features, follow these steps:

1. **Prepare Your My AcuRite Account:** Visit [Wunderground.com](https://www.wunderground.com) and either log in or create a new account. Navigate to 'My Profile' and then the 'MY DEVICES' tab. Click 'Add New Device' and select 'AcuRite 5-in-1 Weather Station with Wi-Fi'. Note down your unique Station ID and Station Key; you will need these for the Wi-Fi setup.
2. **Activate Display Wi-Fi:** Press the 'Gear' button on your AcuRite display unit. This will activate the display's Wi-Fi signal for a limited time.
3. **Connect to Display Wi-Fi:** On your smartphone or computer, go to your Wi-Fi settings and connect to the network named

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I reset the daily rain total on the AcuRite Iris (5-in-1) Home Weather Station model 01544?

To reset the daily rain total on your AcuRite Iris (5-in-1) Home Weather Station (Model 01544), follow these steps on the display unit: Identify the Rain Data: Locate the rainfall section on your display. Manual Reset:...

[Read full answer](#)

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