

AcuRite 00522SBDI

AcuRite Digital Indoor / Outdoor Thermometer User Manual

Model: 00522SBDI

1. INTRODUCTION

The AcuRite Digital Indoor / Outdoor Thermometer provides accurate temperature readings for both your indoor environment and an outdoor location. This wireless system features an easy-to-read digital display, a clock with alarm, and records daily high and low temperatures. It is designed for simple setup and reliable performance.

Key Features:

- Wireless outdoor temperature monitoring
- Indoor temperature display
- Clock with alarm and snooze function
- Records 24-hour high and low temperatures
- Wireless range up to 165 feet (50 meters)

2. PACKAGE CONTENTS

- Digital Display Unit
- Wireless Outdoor Temperature Sensor

Note: 4 AA alkaline batteries are required for operation (2 for the display unit, 2 for the outdoor sensor) and are not included.

3. SETUP

3.1 Battery Installation

1. Remove the battery compartment cover on the back of the **Wireless Outdoor Temperature Sensor**.
2. Insert 2 fresh AA alkaline batteries, observing the polarity markings (+ and -).
3. Replace the battery compartment cover.
4. Remove the battery compartment cover on the back of the **Digital Display Unit**.
5. Insert 2 fresh AA alkaline batteries, observing the polarity markings (+ and -).

6. Replace the battery compartment cover.

3.2 Sensor Placement

For accurate outdoor temperature readings, proper placement of the wireless sensor is crucial.

1. Choose a location that is out of direct sunlight and away from heat sources (e.g., exhaust vents, windows). Direct sunlight can cause inaccurate high temperature readings.
2. Ensure the sensor is within 165 feet (50 meters) of the digital display unit. Obstacles like thick walls, metal siding, or large electronic devices can reduce the wireless range.
3. Mount the sensor securely using the integrated keyhole hanger or a screw (not included).

3.3 Initial Synchronization

Once batteries are installed in both units, the display unit will automatically begin searching for the outdoor sensor signal. This process may take a few minutes.

- The outdoor temperature will appear on the display once a connection is established.
- If the outdoor temperature does not appear, try relocating the sensor or display unit closer together, or reset both units by removing and reinserting batteries.



Image: The AcuRite Digital Indoor/Outdoor Thermometer, showing the main display unit on the left and the wireless outdoor sensor on the right. The display unit shows 'OUTDOOR 48°F' and 'INDOOR 70°F', along with daily high and low temperatures.

4. OPERATING INSTRUCTIONS

4.1 Display Overview

The digital display unit shows the current indoor temperature, current outdoor temperature, and a clock. It also indicates the daily high and low temperatures recorded over a 24-hour period.

4.2 Viewing Temperatures

- The **OUTDOOR** section displays the temperature reported by the wireless sensor. A signal strength indicator shows the connection quality.
- The **INDOOR** section displays the temperature measured by the sensor within the display unit itself.

4.3 Clock and Alarm

Refer to the specific buttons on your display unit (usually labeled 'SET', 'MODE', 'ALARM') to set the time and activate/deactivate the alarm function. The alarm typically features a snooze option.

4.4 Max/Min Temperature History

The display unit automatically tracks and shows the highest and lowest temperatures recorded over the past 24 hours. This feature allows you to monitor temperature fluctuations throughout the day.

5. MAINTENANCE

5.1 Battery Replacement

Replace batteries in both the display unit and the outdoor sensor when the low battery indicator appears on the display. Always use fresh AA alkaline batteries. It is recommended to replace both sets of batteries at the same time to ensure optimal performance and synchronization.

5.2 Cleaning

Wipe the units clean with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the plastic casing or electronic components. Ensure no moisture enters the battery compartments or other openings.

6. TROUBLESHOOTING

Problem	Solution
No outdoor temperature reading	• Ensure batteries are correctly installed in both units. • Relocate the outdoor sensor closer to the display unit. • Avoid major electronic interference (e.g., TVs, microwaves). • Reset both units by removing and reinserting batteries.
Inaccurate outdoor temperature	• Ensure the outdoor sensor is placed in a shaded area, away from direct sunlight or heat sources. • Verify the sensor is not exposed to moisture.
Display is blank or dim	• Replace batteries in the display unit. • Check battery polarity.

7. SPECIFICATIONS

Feature	Detail
Brand	AcuRite
Model Name	02059M
Item Model Number	00522SBDI
Display Type	Digital
Connectivity Technology	Radio Frequency (RF)
Power Source	Battery Powered (4 AA batteries required, not included)
Wireless Range	165 ft / 50 m (maximum)
Upper Temperature Rating	158 Degrees Fahrenheit
Response Time	5 seconds
Special Feature	Alarm
Material	Plastic
Item Weight	7 ounces
Item Length	4.8 Inches
Product Care Instructions	Wipe Clean

8. WARRANTY AND SUPPORT

AcuRite products are designed to provide reliable measurements. For specific warranty information, product registration, or technical support, please refer to the documentation included with your purchase or visit the official AcuRite website. Contact information for customer service is typically available on the manufacturer's website.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

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