

AcuRite 00592A4

AcuRite 00592A4 Wireless Indoor/Outdoor Thermometer with Humidity Sensor User Manual

Model: 00592A4 | Brand: AcuRite

INTRODUCTION

The AcuRite digital thermometer with indoor/outdoor temperature and humidity features reliable temperature and humidity readings. The LCD screen displays the current indoor/outdoor temperature & humidity with bold, easy-to-read numbers and trend indicator arrows. Features daily high/low information, moon phase, digital clock and date. The Intelli-Time clock automatically updates the time for daylight saving time (DST). The sleek, stylish weather station display stands upright for tabletop use and can be mounted on a wall for multiple placement options. The outdoor sensor features powerful 433 mhz wireless technology, a weather-resistant design and an integrated hanger for easy mounting. Wireless sensor transmits readings from up to 330 feet (100 meters) away, depending on home construction materials. It's more than accurate, it's AcuRite.

Key Features:

- Tracks indoor and outdoor temperature (degrees Fahrenheit and Celsius) with trend arrow
- Displays indoor and outdoor humidity (percent RH)
- Provides daily high and low temperature and humidity records
- Intelli-Time digital clock automatically adjusts for daylight saving time (DST)
- Bright blue momentary backlight for easy viewing

SETUP GUIDE

Package Contents:

- Main Display Unit
- Wireless Outdoor Sensor
- User Manual (this document)

Battery Installation:

Main Display Unit:

- Open the battery compartment on the back.
- Insert 3 AA alkaline batteries (not included), observing polarity (+/-).
- Close the battery compartment.

Wireless Outdoor Sensor:

- Open the battery compartment.
- Insert 2 AA alkaline or lithium batteries (not included), observing polarity (+/-). Lithium batteries are recommended for temperatures below -4°F (-20°C).
- Close the battery compartment.

Initial Setup:

- Place the main display unit and the outdoor sensor within 10 feet (3 meters) of each other during initial setup.
- The display will automatically search for the sensor signal. This may take a few minutes.
- Once connected, the outdoor temperature and humidity will appear on the display.
- Set the time and date using the buttons on the display unit. Refer to the "Operating" section for details.



The main display unit (left) shows indoor and outdoor temperature, humidity, time, and moon phase. The compact wireless outdoor sensor (right) transmits data to the display.

OPERATING INSTRUCTIONS

Display Overview:

- **Outdoor Temperature & Humidity:** Displays current readings from the wireless sensor. Includes trend arrows.
- **Time & Date:** Intelli-Time clock automatically adjusts for Daylight Saving Time (DST).
- **Moon Phase:** Indicates the current phase of the moon.
- **Indoor Temperature & Humidity:** Displays current readings from the main display unit's internal sensors.
- **High/Low Records:** Shows daily high and low temperature and humidity records.

Button Functions:

- **LIGHT:** Activates the momentary blue backlight for easy viewing in low light conditions.
- **HIGH/LOW:** Press to view daily high and low records for temperature and humidity.
- **SET:** Used to enter setup mode for time, date, and other settings.

Placement Guidelines:

Main Display Unit:

- Place indoors in a dry area, away from direct sunlight and heat sources.
- Can be placed on a tabletop or mounted on a wall.

Wireless Outdoor Sensor:

- Mount outdoors in a shaded location to ensure accurate temperature readings, away from direct sunlight or heat sources.
- Ensure it is protected from direct weather elements.
- Optimal placement is within 330 feet (100 meters) of the main display unit.



The main display unit is designed for tabletop use, providing easy access to current weather information.



The wireless outdoor sensor can be easily mounted using its integrated hanger, ideally in a shaded area for accurate readings.

This video provides a user review of the AcuRite 00592A4 thermometer, demonstrating its display and the outdoor sensor's placement. *Note: This is a user-generated review, not an official product video.*

MAINTENANCE

- **Cleaning:** Wipe the display and sensor with a soft, damp cloth. Do not use abrasive cleaners.
- **Battery Replacement:** Replace batteries in both units approximately every 9-12 months, or when the low battery indicator appears.
- **Sensor Protection:** Ensure the outdoor sensor is protected from extreme weather conditions and direct prolonged sunlight.

TROUBLESHOOTING

No Outdoor Temperature Display / Flashing Dashes:

- Ensure both units are within range (max 330 ft / 100 m).
- Reposition both units. Walls, large metal surfaces, and other electronics can interfere with the wireless signal.
- Perform a hard reset: Remove batteries from both units, wait 1 minute, then reinsert batteries into the outdoor sensor first, followed by the main display unit.

Inaccurate Temperature Readings:

- Ensure the outdoor sensor is placed in a shaded area, away from direct sunlight or heat sources (e.g., exhaust vents, windows).
- Allow 20 minutes for temperatures to stabilize after initial setup or relocation.

Display Screen Not Working:

- Check battery installation and replace if necessary.
- Press the "LIGHT" button to ensure the backlight is not just off.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	AcuRite
Model Name	00592A4
Display Type	LCD
Connectivity Technology	RF
Upper Temperature Rating	158 Degrees Fahrenheit
Humidity Range	Displays 1% to 99% RH
Power Source	Battery Powered (5 AA batteries required)
Product Dimensions	10.4 x 8.8 x 1.5 inches
Item Weight	13.4 ounces
Special Feature	Digital, Intelli-Time Clock, Moon Phase
Response Time	500 Milliseconds
Manufacturer	AcuRite
Country of Origin	USA

WARRANTY & SUPPORT

AcuRite products are backed by a one-year limited warranty. For detailed warranty information and customer support, please visit the official AcuRite website or refer to the full user manual.

ADDITIONAL RESOURCES

For a complete guide and further details, please download the official User Manual (PDF):

Download User Manual
(PDF)

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