

# ACURITE®



Weather Stations

Temperature & Humidity

Weather Alert Radio

Kitchen Thermometers & Timers

Clocks

*It's More than Accurate, it's ACURITE.*

AcuRite offers an extensive assortment of precision instruments, designed to provide you with information you can depend on to

Plan your day with confidence™.

[www.AcuRite.com](http://www.AcuRite.com)

## FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and  
 (2) This device must accept any interference received, including interference that may cause undesired operation.  
 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
 This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
 • Reorient or relocate the receiving antenna.  
 • Increase the separation between the equipment and receiver.  
 • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
 • Consult the dealer or an experienced radio/ TV technician for help.  
 FCC Radiation Exposure Statement:  
 The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

## ISED Statement

The device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:  
 (1) This device may not cause interference.  
 (2) This device must accept any interference, including interference that may cause undesired operation of the device.  
 The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).  
 This device meets the exemption from the routine evaluation limits in section 6.3 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.  
 This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.  
 This equipment should be installed and operated distance between the radiator & your body without restriction.

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# ACURITE®

## Instruction Manual

## Temperature & Humidity Sensor

model 00592TXRA2

### Features & Benefits



### SENSOR

- 1. Integrated Hanger**  
For easy placement.
- 2. Wireless Signal Indicator**  
Flashes when data is being wirelessly transmitted.
- 3. Battery Compartment**
- 4. A-B-C Switch**
- 5. Battery Compartment Cover**

## SETUP

### Sensor Setup

#### 1 Set the A-B-C Switch

The A-B-C switch is located inside the battery compartment. It can be set to A, B or C.

**NOTE:** If being used with a companion product that has an A-B-C channel, you must select the same letter choice for both the sensor and the product it is being paired with in order for the units to synchronize.

#### 2 Install or Replace Batteries

AcuRite recommends high quality alkaline or lithium batteries in the sensor for the best product performance. Heavy duty or rechargeable batteries are not recommended.

The sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly. Use lithium batteries in the sensor for temperatures below -4°F / -20°C.

1. Slide off the battery compartment cover.
2. Insert 2 x AA batteries into the battery compartment, as shown. Follow the polarity (+/-) diagram in the battery compartment.
3. Replace the battery cover.

LITHIUM BATTERIES **-40°F (-40°C)** (70°C) **158°F**

ALKALINE BATTERIES **-4°F (-20°C)** (70°C) **158°F**

**2** Install Batteries  
2 AA batteries



## Placement for Maximum Accuracy

AcuRite sensors are sensitive to surrounding environmental conditions. Proper placement of the sensor is critical to the accuracy and performance of this product.

### Sensor Placement

The sensor is water-resistant and is designed for general indoor or outdoor use, however, to extend its life place the sensor in an area protected from direct weather elements.

Hang the sensor using the integrated hang hole or hanger, or by using string (not included) to hang it from a suitable location, like a well covered tree branch. The best location is 4 to 8 feet above the ground with permanent shade and plenty of fresh air to circulate around the sensor.

## Important Placement Guidelines

- To ensure accurate temperature measurement, place sensor out of direct sunlight and away from any heat sources.
- Sensor must be within 330 ft (100 m) of companion unit (not included).
- To maximize wireless range, place sensor away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.
- To prevent wireless interference, place sensor at least 3 ft (0.9 m) away from electronic devices (TV, computer, microwave, radio, etc.).

For more information, visit our Knowledge Base at <http://www.AcuRite.com/kbase>

### PLEASE DISPOSE OF OLD OR DEFECTIVE BATTERIES IN AN ENVIRONMENTALLY SAFE WAY AND IN ACCORDANCE WITH YOUR LOCAL LAWS AND REGULATIONS.

**BATTERY SAFETY:** Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment that will not be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose of used batteries properly. Only batteries of the same or equivalent type as recommended are to be used. DO NOT incinerate used batteries. DO NOT dispose of batteries in fire, as batteries may explode or leak. DO NOT mix old and new batteries or types of batteries (alkaline/standard). DO NOT use rechargeable batteries. DO NOT recharge non-rechargeable batteries. DO NOT short-circuit the supply terminals.

## Specifications

TEMPERATURE RANGE	-40°F to 158°F; -40°C to 70°C
HUMIDITY RANGE	1% - 99% RH (relative humidity)
BATTERY REQUIREMENTS	2 x AA alkaline or lithium batteries
WIRELESS RANGE	330ft / 100 m depending on home construction materials
OPERATING FREQUENCY	433MHz

## Customer Support

AcuRite customer support is committed to providing you with best-in-class service. For assistance, please have the model number of this product available and contact us in any of the following ways:

 [support@chaney-inst.com](mailto:support@chaney-inst.com)

Visit us at [www.AcuRite.com](http://www.AcuRite.com)

- ▶ Installation Videos
- ▶ Replacement Parts
- ▶ Support User Forum
- ▶ Instruction Manuals
- ▶ Register your Product
- ▶ Submit Feedback & Ideas

# IMPORTANT

PRODUCT MUST BE REGISTERED  
TO RECEIVE WARRANTY SERVICE

## PRODUCT REGISTRATION

Register online to receive 1 year warranty protection

[www.AcuRite.com](http://www.AcuRite.com)

## Limited 1-Year Warranty

AcuRite is a wholly owned subsidiary of Chaney Instrument Company. For purchases of AcuRite products, AcuRite provides the benefits and services set forth herein. For purchases of Chaney products, Chaney provides the benefits and services set forth herein.

We warrant that all products we manufacture under this warranty are of good material and workmanship and, when properly installed and operated, will be free of defects for a period of one year from the date of purchase.

Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by us, and at our sole option, be repaired or replaced by us. Transportation costs and charges for returned goods shall be paid for by the purchaser. We hereby disclaim all responsibility for such transportation costs and charges. This warranty will not be breached, and we will give no credit for products which have received normal wear and tear not affecting the functionality of the product, been damaged (including by acts of nature), tampered, abused, improperly installed, or repaired or altered by others than our authorized representatives.

Remedy for breach of this warranty is limited to repair or replacement of the defective item(s). If we determine that repair or replacement is not feasible, we may, at our option, refund the amount of the original purchase price.

**THE ABOVE-DESCRIBED WARRANTY IS THE SOLE WARRANTY FOR THE PRODUCTS AND IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL OTHER WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH HEREIN ARE HEREBY EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.**

We expressly disclaim all liability for special, consequential, or incidental damages, whether arising in tort or by contract from any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

We further disclaim liability from personal injury relating to our products to the extent permitted by law. By acceptance of any of our products, the purchaser assumes all liability for the consequences arising from their use or misuse. No person, firm or corporation is authorized to bind us to any other obligation or liability in connection with the sale of our products. Furthermore, no person, firm or corporation is authorized to modify or waive the terms of this warranty unless done in writing and signed by a duly authorized agent of ours.

In no case shall our liability for any claim relating to our products, your purchase or your use thereof, exceed the original purchase price paid for the product.

### Applicability of Policy

This Return, Refund, and Warranty Policy applies only to purchases made in the United States and Canada. For purchases made in a country other than the United States or Canada, please consult the policies applicable to the country in which you made your purchase.

Additionally, this Policy applies only to the original purchaser of our products. We cannot and do not offer any return, refund, or warranty services if you buy products used or from resale sites such as eBay or Craigslist.

### Governing Law

This Return, Refund, and Warranty Policy is governed by the laws of the United States and the State of Wisconsin. Any dispute relating to this Policy shall be brought exclusively in the federal or State courts having jurisdiction in Walworth County, Wisconsin; and purchaser consents to jurisdiction within the State of Wisconsin.