

## Set up your AcuRite Iris® (5-in-1) Direct-To-Wi-Fi Display 06102M



### SETUP REQUIRES:

- Display
- Power Adapter
- AcuRite Iris (5-in-1) Sensor\*
- Lightning Detection Sensor\* (optional)

\*May be sold separately; each sensor requires 4 AA batteries (not included)



### 1 INSTALL SENSOR BATTERIES

In the outdoor sensor battery compartment, install four AA alkaline or lithium\* batteries. If you have the optional Lightning Detection Sensor, also install four AA batteries into its battery compartment.

\*Lithium batteries recommended for temperatures below -4°F (-20°C).

*NOTE: In the battery compartment of the sensor, there is a small A-B-C switch that must match the selection on the display. By default, both the sensor and display are set to "A" and should not need adjustment.*

### 2 PLUG IN DISPLAY AND CONFIGURE SETTINGS

Plug in the power adapter. Configuration will begin automatically once the display is on. Use the **Up** and **Down** buttons to select between options, and press the **Checkmark** button to confirm your selections.

- Clock Hour/Minute/Daylight Saving Time Setting
- Month/Day/Year
- Units of Measurement (U.S. Standard/Metric)
- Wi-Fi Configuration (optional, recommended)

You can adjust these settings and more anytime by pressing the **Gear** button and selecting General Setup. Use the **Up** and **Down** buttons and **Checkmark** button to make any desired adjustments.

### 3 MOUNT SENSOR

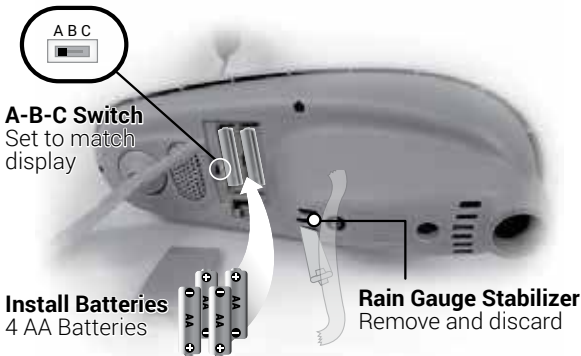
Find a suitable place outdoors to mount the AcuRite Iris Sensor:

- At least 5 ft. (1.5 m) off the ground
- With the front solar cell facing south
- Away from heat and humidity sources
- Level for accurate rain reporting using bubble level on top of sensor

If you have a Lightning Sensor, mount it:

- Outside, 5-8 ft. (1.5-2.4 m) off the ground sheltered from direct sun and weather elements (can be hung under a branch, an overhang, etc.)

For additional information on the best way to mount your AcuRite Iris, please refer to the AcuRite Iris instruction manual or visit: [support.acurite.com](http://support.acurite.com) and navigate to the AcuRite Iris (5-in-1) Weather Station category.



**A-B-C Switch**  
Set to match display

**Install Batteries**  
4 AA Batteries

**Rain Gauge Stabilizer**  
Remove and discard

If you are interested in accessing your weather data anytime, anywhere online, follow the below steps to push your weather data to the internet. If you are only interested in viewing your weather data inside your home on the display, then disregard this section.

### Connect to My AcuRite® with Wi-Fi

#### SETUP REQUIRES:

- Display
- AcuRite Iris Sensor
- Wi-Fi Wireless Network (2.4 GHz networks only, not operable with 5 GHz)
- Phone, Tablet, or Computer with Wi-Fi Access

#### 1 CONNECT TO DISPLAY'S TEMPORARY NETWORK

Once the display is on:

- Open the Wi-Fi settings of your Wi-Fi-compatible device and select and connect to the Wi-Fi network with "AcuRite" in its name.
  - › If you see any "unsecure network" warnings, know that it's safe to continue.
  - › You will not be able to access the internet while connected to this "AcuRite" network.

#### 2 ACCESS WI-FI SETUP PAGE

Once connected to the Wi-Fi network with "AcuRite" in its name:

- Open a web browser on the device you used to connect to the display.
- To access the AcuRite Wi-Fi display setup page, type the following into the address bar and then press go/enter/return: 192.168.4.1
- Troubleshooting if the setup page does not load:
  - › Make sure you are still connected to the AcuRite Wi-Fi network you connected to in step 1.
  - › Unplug the display, plug it back in, and try setup again.
  - › Contact Support at [acurite.com/support](http://acurite.com/support)

#### 3 ADD YOUR WI-FI CREDENTIALS

Once the setup page loads:

- Select your personal Wi-Fi network name, enter your network password, and press **Save**.
- If Wi-Fi credentials are successfully entered, the Wi-Fi indicator on the display should appear as:
- Troubleshooting if the setup page does not load:
  - › If the Wi-Fi icon shows "NOT SETUP" — Wi-Fi still needs to be configured on the display. Repeat Wi-Fi steps 1-3.
  - › If the Wi-Fi icon shows a red X — Wi-Fi credentials may be incorrect and should be reentered. Repeat Wi-Fi steps 1-3.

#### 4 SET UP YOUR MY ACURITE ACCOUNT

Once you see "Successfully connected to your Wi-Fi" on your device and the Wi-Fi icon on the display fills in solid gray:

- Reconnect your device to your normal, personal Wi-Fi network.
- Download the My AcuRite app or visit [myacurite.com](http://myacurite.com) to complete setup.
  - › Note: The Device ID needed to set up your product online is located on the back of the display.




### ADDITIONAL NOTES

The Wi-Fi setup page is available for 30 minutes after the display is powered on. To reactivate the setup page at any time, press the **Gear** button, then go to Connections > Wi-Fi Setup. To clear Wi-Fi credentials, records, and other settings, press the **Gear** button and select Factory Reset.





Visit [acurite.com/support](http://acurite.com/support) for additional help on Wi-Fi Setup.



#### VIEW OUTDOOR HISTORICAL RECORDS

- To view recent records on the display, press the **Records Folder**  button, then use the **Up**  and **Down**  buttons to see more information.
- To view more detailed records, view your charts and details on My AcuRite®.

#### ADJUST DISPLAY SETTINGS

Press the **Gear**  button to view configuration options, and make adjustments using the **Up**  and **Down**  buttons and **Checkmark**  button.

#### MY ACURITE

- My AcuRite is compatible with Amazon Alexa and Google Assistant by adding the AcuRite skill for your smart home system. For more information on setup, visit: [acurite.com/skill-setup](http://acurite.com/skill-setup)
- For additional information about My AcuRite features, such as notifications and sharing options, please visit [support.acurite.com](http://support.acurite.com) and navigate to the My AcuRite category.



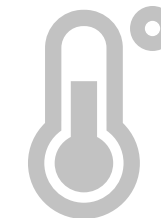
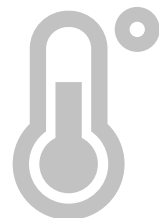
## Quick Setup Guide 06102M

WE'RE HERE TO HELP!

For support, visit [acurite.com/support](http://acurite.com/support).

Product manuals, warranty information, and FCC statement available on [acurite.com](http://acurite.com).

Register your product for a one-year limited warranty at:  
[acurite.com/product-registration](http://acurite.com/product-registration)



# AcuRite Iris™ (5-in-1) Weather Sensor (Dual Solar Panel)

model 06014



## Package Contents

1. AcuRite Iris Weather Sensor
2. Mounting Hardware
3. Sensor Mounting Bracket
4. Instruction Manual

## IMPORTANT

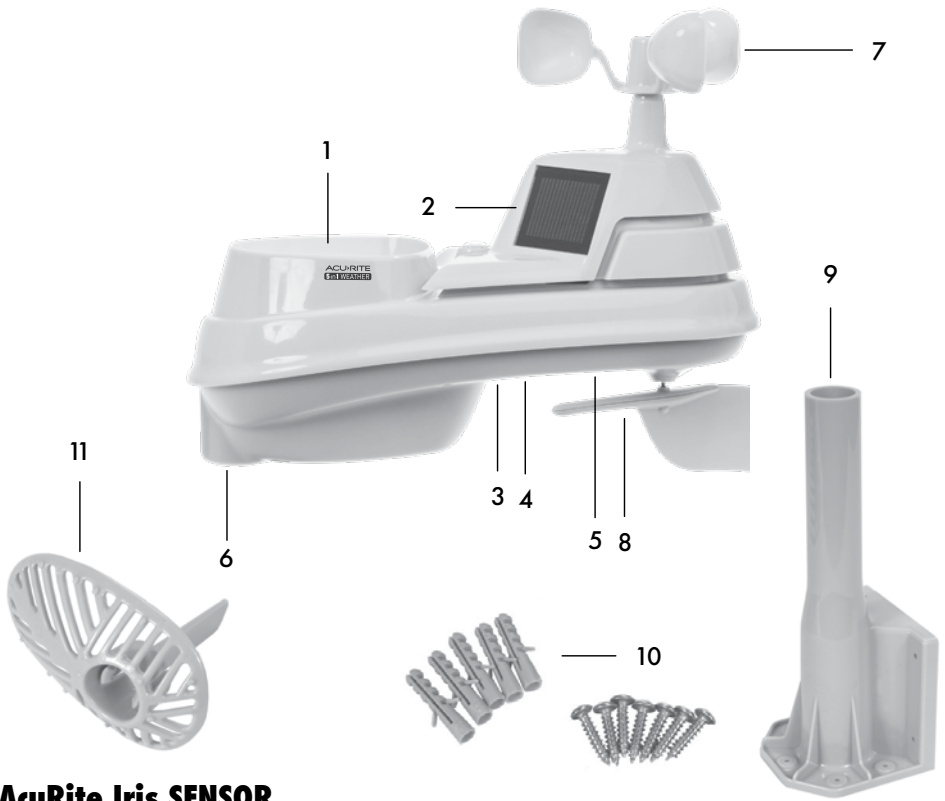
PRODUCT MUST BE REGISTERED  
TO RECEIVE WARRANTY SERVICE

### PRODUCT REGISTRATION

Register online to receive 1-year warranty protection  
[www.acurite.com/product-registration](http://www.acurite.com/product-registration)

**Questions?** Visit [www.acurite.com/support](http://www.acurite.com/support)

# Features & Benefits



## AcuRite Iris SENSOR

### 1. Rainfall Collector Funnel

### 2. Solar Cell Panel

Converts sunlight into power to run internal aspirating fan.

### Internal Aspirating Fan

(not shown)

Draws ambient air into sensor to reduce solar radiation heating, resulting in more accurate temperature measurement.

### 3. A-B-C Switch

ID code that must match display's A-B-C switch to ensure units synchronize.

### 4. Battery Compartment

### 5. Temperature & Humidity Sensors (internal)

### 6. Mounting Point

### 7. Wind Speed Anemometer

### 8. Wind Direction Vane

### 9. Mounting Bracket

### 10. Mounting Hardware

Includes 5 anchors & the following screws:

Qty	Diameter	Length
5	#4	3/4"
1	#4	1/2"
1	#6	1/2"

### 11. Debris Filter

Pre-installed to prevent debris from entering the rain gauge.

# AcuRite Iris Sensor Setup

## 1 Set the A-B-C Switch

Locate the A-B-C switch inside the battery compartment. Set the A-B-C switch to A, B or C. You must select the same letter choice for both the sensor and the companion unit (not included) in order for the units to synchronize.

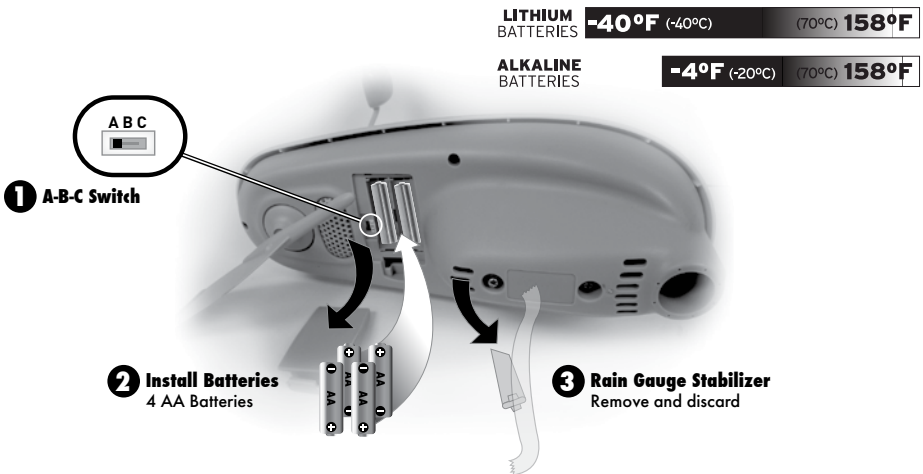
The AcuRite Iris sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly. Use lithium batteries in the AcuRite Iris sensor for temperatures below -4°F / -20°C.

## 2 Install or Replace Batteries

Batteries **MUST** be installed for this product to operate. AcuRite recommends high quality alkaline or lithium batteries for the best product performance. Heavy duty or rechargeable batteries are not recommended.

## 3 Remove Rain Gauge Stabilizer

Locate and remove the rain gauge stabilizer (plastic tab) taped into the bottom of the sensor. The rain gauge will not function until this is removed.



### 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 which is not to 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.

## Placement for Maximum Accuracy

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



### AcuRite Iris Sensor Placement

The AcuRite Iris sensor is designed to remain outdoors all year long. Choose an open location with no obstructions above or around the sensor for the most accurate measurements.

## Important Placement Guidelines

Display and sensor must be within 330 feet (100 meters) of each other.

### MAXIMIZE WIRELESS RANGE

Place units away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.

### PREVENT WIRELESS INTERFERENCE

Place units at least 3 feet (.9 m) away from electronic devices (TV, computer, microwave, radio, etc.).

### LOCATE AWAY FROM HEAT SOURCES

Position sensor away from heaters, air conditioners, chimneys, exhaust vents, asphalt and concrete (surfaces that radiate heat).

### LOCATE AWAY FROM HUMIDITY SOURCES

Avoid installing the sensor near pools, spas, or other bodies of water. Water sources may impact humidity accuracy.

### LOCATE AWAY FROM SPRINKLER HEADS

DO NOT install the sensor where it will be sprayed by a sprinkler system. This may force water inside the sensor.

### LOCATE AWAY FROM WIND & RAIN OBSTRUCTIONS

DO NOT mount the sensor with obstructions around it. Consider a location that is a wide open area, with few structures around to ensure accurate wind measurement.

## AcuRite Iris Sensor Installation Guidelines

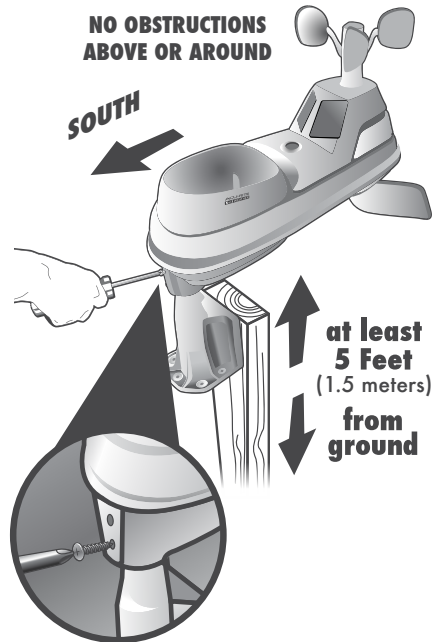
**INSTALLATION HEIGHT** Mount the sensor at a minimum height of 5 feet (1.5 meters) off the ground, in an open area. Higher is better for wind measurements - the National Weather Service recommends 33 feet (10 meters) high!

**MOUNTING OPTIONS** The included mounting bracket is designed to screw directly onto wooden posts or surfaces that are 2" x 4" or larger. The sensor can also be mounted directly to 3/4" steel pipe (available at hardware stores and home centers).

**SOLAR CELL INSTALLATION** Install the sensor with the **solar cell facing SOUTH**. This ensures the cell receives as much sun as possible and orients wind direction.

### AcuRite Iris Sensor Installation

1. Fasten mounting base (included) to a post or pole (not included) using the 4 longer screws included in the hardware bag.
2. Insert the mounting base into the hole on the bottom of the sensor.
3. Make sure the arrows on the top of the sensor are pointed in the proper direction and the bubble level is centered. The solar cell should be facing south to properly orient the wind direction.
4. Fasten the sensor into the mounting base using the 2 shorter screws included in the hardware bag.



**The AcuRite Iris sensor is now ready to use.**

### Basic Setup is Complete

The AcuRite Iris sensor will now synchronize with the display. It may take a few minutes for synchronization to complete. If both or one of the units appear to be functioning improperly, please refer to the troubleshooting section.

# Calibrate the Rain Gauge

The rain gauge on the AcuRite Iris sensor can be calibrated to improve accuracy.

**Items Needed:** AcuRite Iris sensor, companion unit, plastic cup, pin, screw driver

1. First, ensure AcuRite Iris sensor is perfectly level using built-in bubble level.
2. Use compatible companion unit or AcuRite software to monitor during calibration.
3. Make a pin hole in the bottom of a plastic cup. Hold the cup over the rain gauge and fill it with exactly 1 cup (8oz) of water, allowing the water to drip into the rain gauge. You should hear the internal buckets tip and see water drain through the rain gauge.
4. A few seconds after each bucket tip, the companion unit displays rainfall in approximately 0.01" or more increments.
5. The cup of water should take more than 20 minutes to empty; a quicker period will result in inaccurate calibration. Try to simulate a normal steady rainfall. When cup is empty of water, companion unit should register 1.06"

## Tips

- There should be nearly an equal number of water drops (about 25 water drops) between bucket tips. If not, adjust the calibration screws on the bottom of the AcuRite Iris sensor until an equal number of water drops are tipping the buckets.

## Adjustment

If the rain gauge doesn't register close to 1.06", make an EQUAL adjustment to the two calibration screws on the bottom of the AcuRite Iris sensor. Turning screws clockwise increases rainfall; counter clockwise decreases rainfall.

- To adjust the rainfall reading by 2% turn both screws 1/8 of a turn.
- To adjust the rainfall reading by 4% turn both screws 1/4 of a turn.
- To adjust the rainfall reading by 8% turn both screws 1/2 of a turn.

## Specifications

<b>TEMPERATURE RANGE</b>	Outdoor: -40°F to 158°F; -40°C to 70°C
<b>HUMIDITY RANGE</b>	Outdoor: 1% to 99%
<b>WIND SPEED</b>	0 to 99 mph; 0 to 159 kph; 0 to 86 knots
<b>WIND DIRECTION INDICATORS</b>	16 points
<b>RAINFALL</b>	0.01 inches (0.25 mm) and up
<b>WIRELESS RANGE</b>	330 ft / 100 m depending on home construction materials
<b>OPERATING FREQUENCY</b>	433 MHz
<b>POWER</b>	4 x AA alkaline or lithium batteries
<b>DATA REPORTING</b>	Wind Speed: 18 second updates; Direction: 30 second updates Outdoor temperature & humidity: 36 second updates

## FCC Information

This device complies with part 15 of 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.

**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** 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 the 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.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment. This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

## 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:



Chat with our support team at [www.acurite.com/support](http://www.acurite.com/support)



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

- ▶ Installation Videos
- ▶ Instruction Manuals
- ▶ Replacement Parts

# IMPORTANT

PRODUCT MUST BE REGISTERED  
TO RECEIVE WARRANTY SERVICE

## PRODUCT REGISTRATION

Register online to receive 1-year warranty protection  
[www.acurite.com/product-registration](http://www.acurite.com/product-registration)

## 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 its 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 all 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 do not 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.

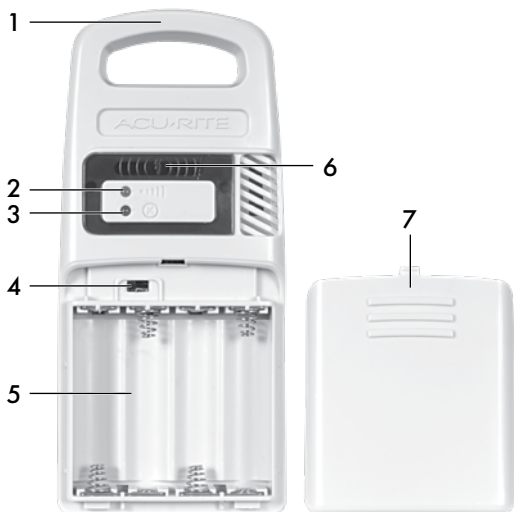
# ACU RITE®

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

# Lightning Detection Sensor

model 06045

## Features & Benefits



### 1. Integrated Hanger

For easy placement.

### 2. Wireless Signal Indicator

Flashes when data is being sent to the companion unit.

### 3. Interference Indicator

Flashes when interference is detected (see page 4).

### 4. A-B-C Switch

Slide to select A-B-C channel.

### 5. Battery Compartment

### 6. Lightning Strike Indicator

Indicates a lightning strike has occurred within 25 miles (40 km).

### 7. Battery Compartment Cover

**Note:** Under no circumstances shall the Lightning Detection Sensor, Chaney Instrument Co. or the Primex Family of Companies be held responsible for any damages whatsoever that may result from the use of or inability to use this product, including without limitation any indirect, incidental, special, exemplary or consequential damages, which are expressly disclaimed. This disclaimer of liability applies to any damages or injury caused by any failure of performance, error, omission, inaccuracy, interruption, deletion, defect, delay in operation or transmission software virus, communication failure, theft or destruction or unauthorized access to, alteration of, or use of the product, whether for breach of contract, tortious behavior (including, without limitation, strict liability), negligence, or under any other cause of action, to the fullest extent permissible by law. This does not affect any statutory rights which may not be disclaimed. The contents of this product, including all lightning and weather data are provided "as is" and without warranty or condition of any kind, express or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose. Chaney Instrument Co. & the Primex Family of Companies do not warrant that this product or the data that it provides will be free of errors, interruptions, viruses or other harmful components. Chaney Instrument Co. & the Primex Family of Companies do not warrant the accuracy or reliability of any lightning strike alerts, weather data or other information provided by the product. Chaney Instrument Co. & the Primex Family of Companies reserve the right to alter the product or withdraw it from the market at its sole discretion.

## Sensor Setup

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

The A-B-C switch is located inside the battery compartment. Slide to set the channel 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.

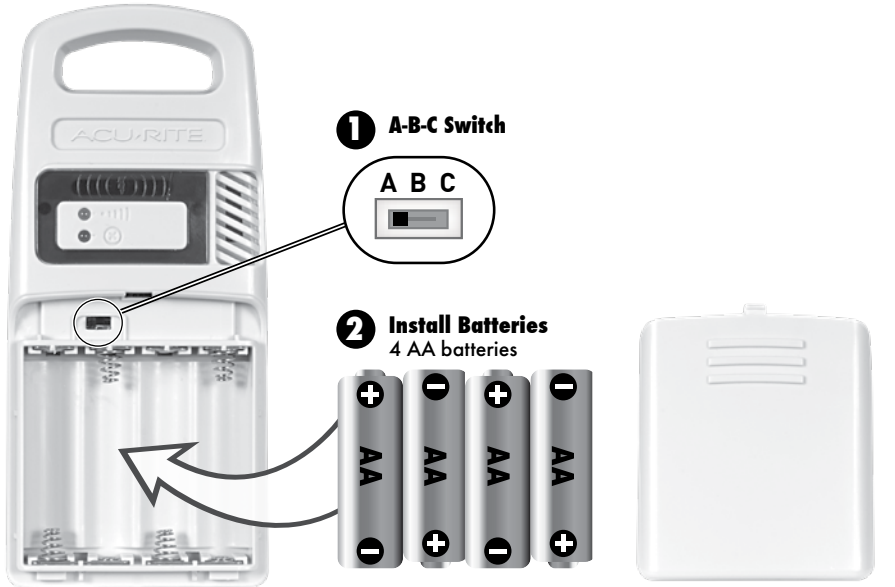
### 2 Install or Replace Batteries

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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.

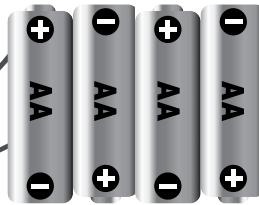
1. Slide off the battery compartment cover.
2. Insert 4 x AA batteries into the battery compartment, as shown. Follow the polarity (+/-) diagram in the battery compartment.
3. Replace the battery cover.



#### 1 A-B-C Switch

A B C

#### 2 Install Batteries 4 AA batteries



LITHIUM  
BATTERIES

**-40°F** (-40°C)

(70°C) **158°F**

ALKALINE  
BATTERIES

**-4°F** (-20°C)

(70°C) **158°F**



### 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 which is not to 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.

## 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



Sensor must be placed outside to observe outdoor conditions. Sensor is water resistant and is designed for general outdoor use, however, to extend its life place the sensor in an area protected from direct weather elements.

Hang the sensor using the integrated 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

- Sensor must be within 330 feet (100 meters) of a companion unit (sold separately).

### MAXIMIZE WIRELESS RANGE

Place unit away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.

### PREVENT WIRELESS INTERFERENCE

Place unit at least 3 feet (90 cm) away from electronic devices (TV, computer, microwave, radio, etc.).

### LOCATE AWAY FROM HEAT SOURCES

To ensure accurate temperature measurement, place sensor out of direct sunlight and away from any heat sources.

### LOCATE AWAY FROM HUMIDITY SOURCES

To ensure accurate humidity measurement, locate sensor away from humidity sources. Avoid installing the sensor near indoor pools, spas, or other bodies of water. Water sources may impact humidity accuracy.

## Lightning Detection

The sensor detects cloud-to-cloud, cloud-to-ground and intra-cloud lightning. When lightning is detected, the sensor will beep and the strike indicator will flash for each of the first 10 strikes. After 10 strikes, the sensor will enter silent mode but will continue to flash. The sensor will stay in silent mode for 2 hours after the last lightning detection.

## False Detection

This sensor features advanced technology to distinguish between lightning strikes and interference, however in rare cases the sensor may "false detect" lightning activity due to interference. In these situations, verify there is no lightning in the area and then relocate the sensor. If the false detections persist, identify and relocate the source of interference or relocate the sensor.

## Interference

The sensor features enhanced interference rejection capabilities to prevent false lightning detection. When the sensor cannot detect lightning due to interference from nearby equipment, the sensor's interference indicator will flash.

- Electric motors (windshield wiper motor or fan motors in cars, hard drive and optical drive motors on your PC and AV equipment, well pumps, sump pumps)
- CRT monitors (PC monitors, TV's)
- Fluorescent light fixtures (turned off or on)
- Microwave ovens (while in use)
- PC's and mobile phones

**WARNING:** Take shelter IMMEDIATELY when lightning is present, whether or not it has been detected by the Lightning Detection Sensor. If you are concerned about lightning strikes, follow all safety precautions to keep yourself and others safe. DO NOT rely on this Lightning Detection Sensor as your only source for warnings about potentially deadly lightning strikes or other severe weather conditions.

## Troubleshooting

Problem	Possible Solution
<b>Interference Indicator is flashing</b>	<ul style="list-style-type: none"><li>• Relocate the sensor.</li><li>• Make sure the sensor is placed at least 3 feet (.9 m) away from electronics that may cause interference (see Interference section above).</li></ul>

**If your AcuRite product does not operate properly after trying the troubleshooting steps, visit [www.acurite.com/support](http://www.acurite.com/support).**

# Care & Maintenance

Clean with a soft, damp cloth. Do not use caustic cleaners or abrasives.

# Specifications

<b>LIGHTNING DETECTION RANGE</b>	1 - 25 miles / 1.6 - 40km
<b>TEMPERATURE RANGE</b>	-40°F to 158°F; -40°C to 70°C
<b>HUMIDITY RANGE</b>	1% to 99% RH (relative humidity)
<b>POWER</b>	4 x AA alkaline batteries or lithium batteries
<b>WIRELESS RANGE</b>	330 ft/ 100m depending on home construction materials
<b>OPERATING FREQUENCY</b>	433 MHz

# FCC Information

This device complies with part 15 of 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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 the 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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation of the device.

## 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:



Chat with our support team at [www.acurite.com/support](http://www.acurite.com/support)



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

- ▶ Installation Videos
- ▶ Instruction Manuals
- ▶ Replacement Parts

# IMPORTANT

PRODUCT MUST BE REGISTERED  
TO RECEIVE WARRANTY SERVICE

## PRODUCT REGISTRATION

Register online to receive 1-year warranty protection  
[www.acurite.com/product-registration](http://www.acurite.com/product-registration)

## 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 its 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 do not 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.



# ACU RITE®

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