



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 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.

©Chaney Instrument Co. All rights reserved. AcuRite is a registered trademark of the Chaney Instrument Co., Lake Geneva, WI 53147. All other trademarks and copyrights are the property of their respective owners. AcuRite uses patented technology. Visit [www.AcuRite.com/patents](http://www.AcuRite.com/patents) for details.

## Temperature & Humidity Sensor

model 06002 / 592TXR

### 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.

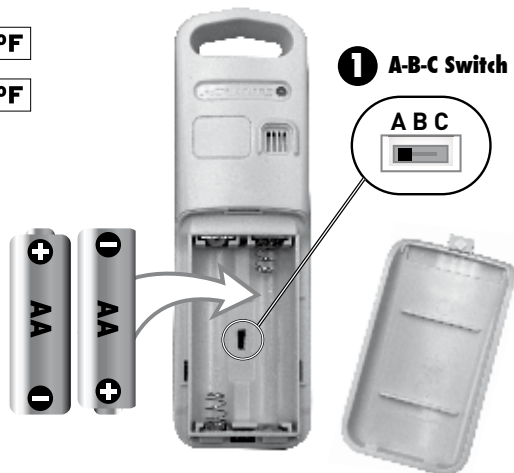
The sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly. Use lithium batteries in the sensor for temperatures below -4°F / -20°C.

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.

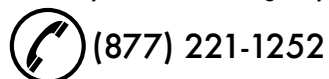
**BATTERY SAFETY:** Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment that will not be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. 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:



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

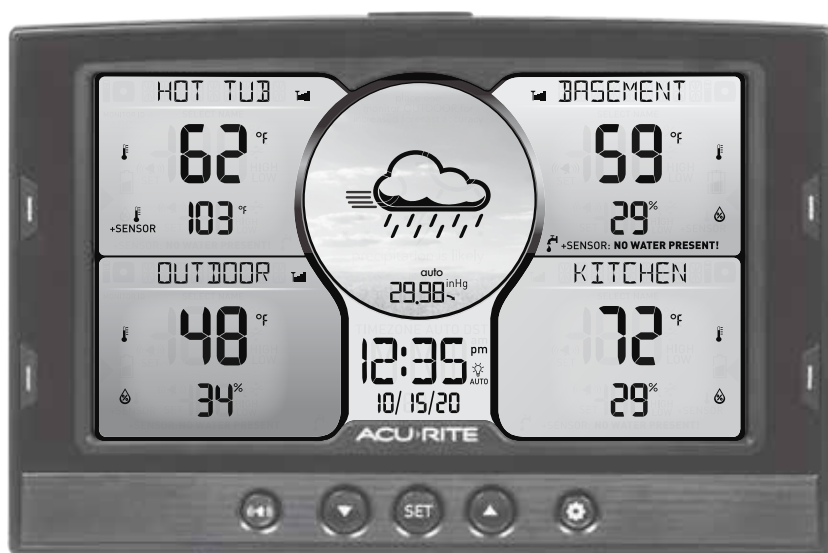
This Return, Refund, and Warranty Policy applies only to purchases made in the United States and Canada. For purchases made in a country other than the United States or Canada, please consult the policies applicable to the country in which you made your purchase.

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.

### Home Environment Display models 06024/06036



**This product requires at least one AcuRite Monitor or Sensor (sold separately) to be operational.**

#### CONTENTS

Unpacking Instructions .....	2	Using the Display .....	12
Package Contents .....	2	Programmable Alarms.....	13
Features & Benefits.....	2	Troubleshooting .....	14
Setup .....	6	Calibration .....	16
Display Setup .....	6	Specifications.....	17
Set the Time, Date & Units .....	7	FCC Information .....	17
Backlight Settings.....	11	Customer Support .....	18
Placement Guidelines .....	11	Warranty.....	18

**Questions?** Contact Customer Support at (877) 221-1252 or visit [www.AcuRite.com](http://www.AcuRite.com).

**SAVE THIS MANUAL FOR FUTURE REFERENCE.**

# ACURITE®

Congratulations on your new AcuRite product. To ensure the best possible product performance, please read this manual in its entirety and retain it for future reference.

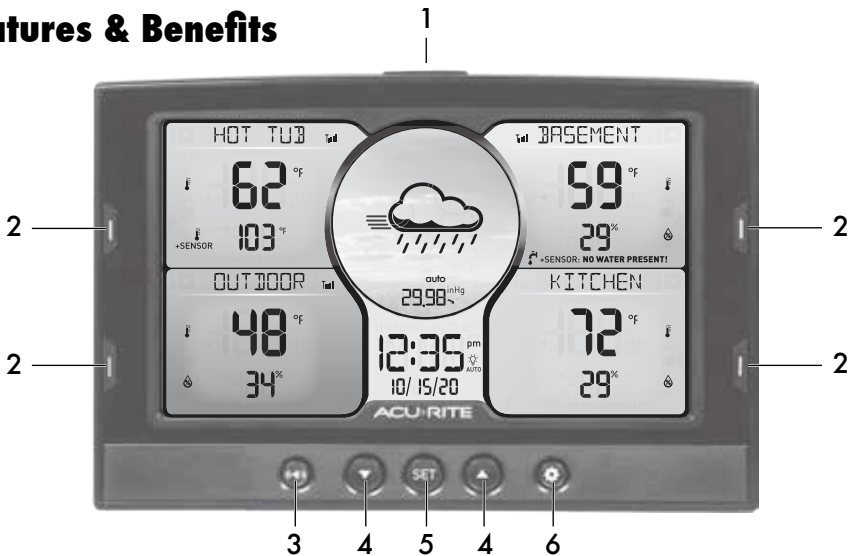
## Unpacking Instructions

Remove the protective film that is applied to the LCD screen prior to using this product. Locate the tab and peel off to remove.

## Package Contents

1. Display
2. Power Adapter
3. Instruction Manual

## Features & Benefits



## FRONT OF DISPLAY

### 1. Backlight Button

Activates momentary backlight during battery power. Acts as a dimmer control while using power adapter.

### 2. Color-coded Location Buttons

For setup and viewing location data.

### 3. (🔊) Button

For alarm setup. Press and HOLD to disable all alarms.

### 4. ▲ and ▼ Buttons

For setup preferences and menu navigation.

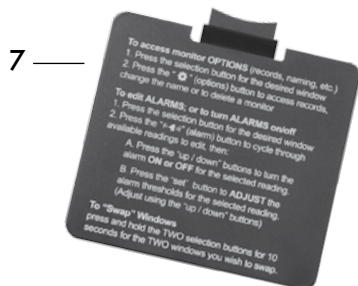
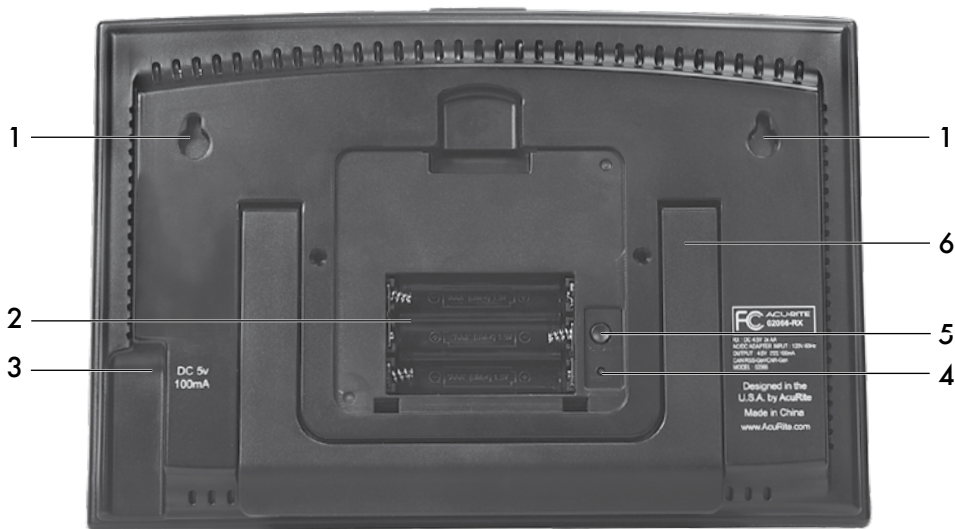
### 5. SET Button

For setup preferences and menu navigation.

### 6. ⚙️ Button

For settings and viewing location high and low records.

# BACK OF DISPLAY



## 1. Integrated Hang Holes

For easy wall mounting.

## 2. Battery Compartment

## 3. Plug-in for Power Adapter

## 4. RESET Button

Press and release for full reset to factory defaults.

## 5. CLEAR Button

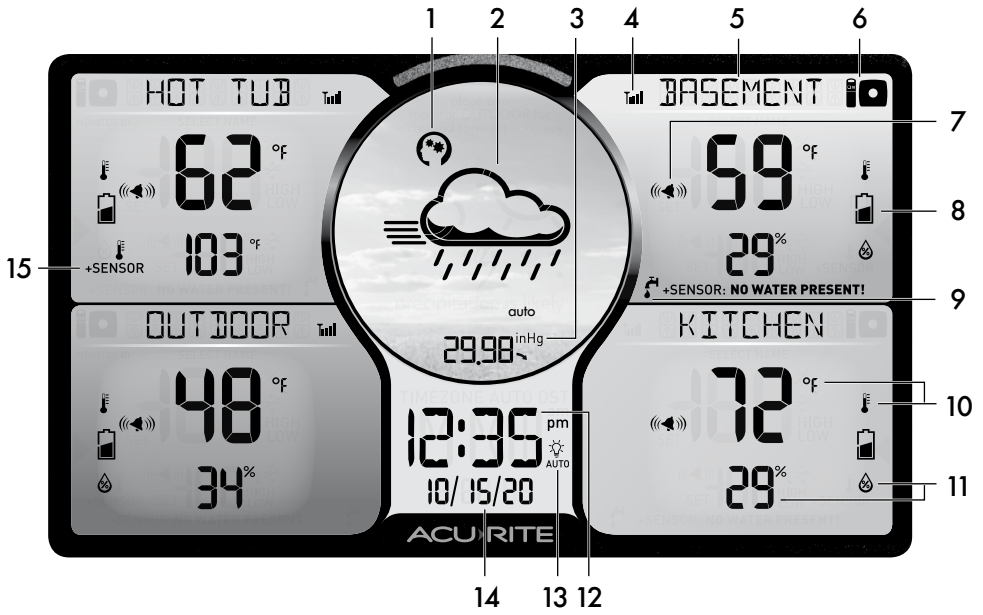
For resetting the high and low records that are stored for the location(s) that the display is tracking.

## 6. Fold-out Stand

For tabletop use.

## 7. Battery Compartment Cover

# DISPLAY SCREEN



**1.  Icon**

Disappears after weather forecast self-calibration is complete (see page 12).

**2. 12 to 24 Hour Weather Forecast**

Self-Calibrating Forecasting pulls data from your backyard to generate your personal forecast.

**3. Barometric Pressure**

Arrow icon indicates direction pressure is trending.

**4. Wireless Signal Strength**

Signal strength detected for the external Monitor or Sensor (sold separately) that is reporting data for the location (#5).

**5. Location Name**

Label your data readings by location name (see page 8).

**6. / Indicator**

Indicates style of monitor during monitor setup (see page 10).

**7.  Alarm ON Indicator**

Indicates alarm is activated to emit an audible alert when conditions exceed your presets (see page 13).

**8. Low Battery Indicator**

For the product that is reporting data for the corresponding location.

**9.  Water Detector Icon**

Indicates Water Detector (sold separately) is reporting data.

**10.  Temperature Icon**

Temperature reading reported by the product that is installed in the location indicated ("Kitchen" in the example shown).

**11.  Humidity Icon**

Humidity reading reported by the product that is installed in the location indicated.

**13.  Indicator**

Indicates display is in auto-dimming brightness mode (see page 11).

**14. Date**

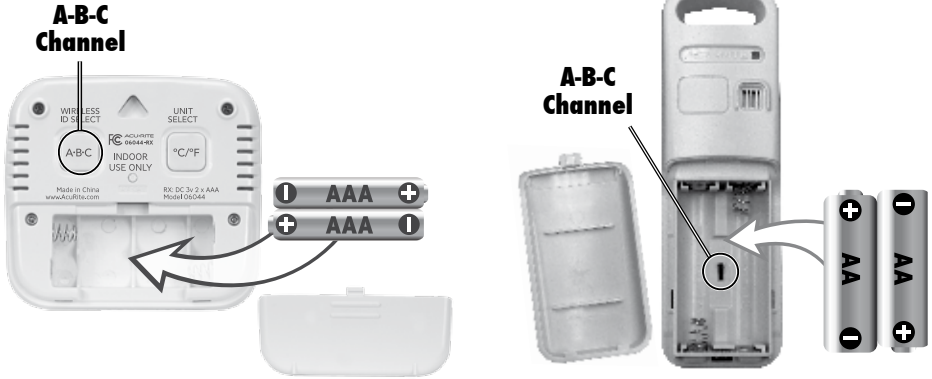
**15. +SENSOR Icon**

Indicates a Wired Sensor (sold separately) is reporting data to the display. Shown with temperature, humidity and water detector icons when displaying wired sensor data (#8, #9 and #10).

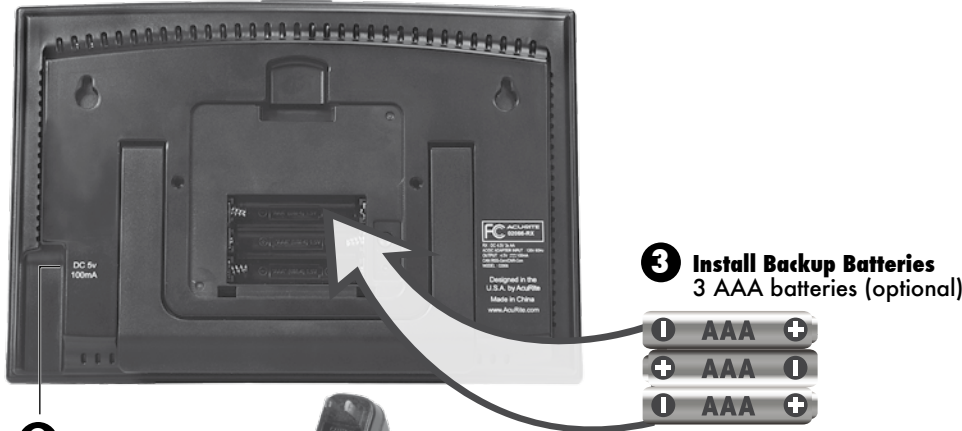
# Display Setup

## 1 Install External Monitor or Sensor Batteries

BEFORE powering on the display, install batteries for all external Monitors and/or Sensors (sold separately) that you would like to synchronize with the display.



**NOTE:** If pairing more than one wireless sensor (model 06002 or 06044) with the display, the A-B-C channel must differ between each sensor. Verify that each sensor has a different channel selected by following the instructions in the corresponding sensor manual.



## 2 Plug in Power Adapter

**IMPORTANT:** Batteries are a backup power source to preserve records in the event of a power outage. **Power adapter is required as the primary power source to enjoy the full functionality of this product.**

**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.



## Set the Time, Date & Units

Press and release the "SET" button, located on the front of the display, to enter SET MODE. Once in set mode, the preference you are currently setting will blink on the display.

To adjust the currently selected (flashing) item, press and release the "▲" or "▼" buttons (press and HOLD to fast adjust). To save your adjustments, press and release the "SET" button again to adjust the next preference. The preference set order is as follows:

TIME ZONE (EST, AST, NST, HAT, AKT, PST, MST, CST)  
AUTO DST\* (Daylight Saving Time ON or OFF)  
CLOCK HOUR  
CLOCK MINUTE  
CALENDAR MONTH  
CALENDAR DATE  
CALENDAR YEAR  
TEMPERATURE SCALE (°F or °C)  
BAROMETRIC PRESSURE SCALE (inHg or hPa)



\*If you live in an area that observes Daylight Saving Time, DST should be set to ON, even if it is not currently Daylight Saving Time.

You will automatically exit SET MODE if no buttons are pressed for 10 seconds. Enter SET MODE at any time by pressing the "SET" button.

## Expand the System

The display features built-in sensors for measuring temperature and humidity at its location. The display can be expanded to track additional conditions by using compatible Monitors and Sensors (optional; sold separately). Add up to 3 indoor and/or outdoor Monitors and Sensors to observe conditions in additional locations within 330 ft (100 m).

Compatible Monitors and Sensors are available at: [www.AcuRite.com](http://www.AcuRite.com)

Compatible Monitors	Perfect for:
 <p>Temperature &amp; Humidity Monitor Model 00275</p>	<ul style="list-style-type: none"><li>• Outdoor applications</li></ul>
 <p>Room Monitor Model 00276</p>	<ul style="list-style-type: none"><li>• Indoor applications</li></ul>

## Compatible Monitors

(continued)

## Perfect for:



Temperature & Humidity Sensor

Model 06002

- Indoor and outdoor applications



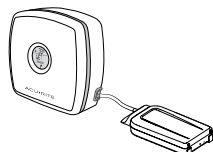
Temperature & Humidity Sensor

Model 06044

- Indoor applications
- NOTE:** During setup, an image of model 06002 will be shown.

## Monitor + Wired Sensor

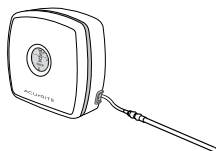
## Perfect for:



Water Detector

Model 06010

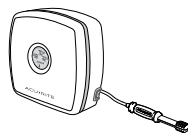
- Basement flooding
- Roof leaks
- Leaky appliances
- Sump pump failure
- Track high or low water level



Liquid & Soil Temperature Sensor

Model 06011

- Indoor pool, spa, pond or fountain temperature
- Prevent frozen pipes
- Seeding, potting and gardening



Spot Check Temperature & Humidity Sensor

Model 06012

- Monitor conditions in hard to reach places (attic, basement, etc.)
- Pet areas
- Evaluate heating and cooling efficiency and coverage in your home
- Monitor conditions in nursery or child's room

## Setup a Location Name on the Display

For easy home environment monitoring, label data readings on the display using the following directions. Simply select the name from a preset list that most closely matches the location where the display, Monitor or Sensor that is reporting data for the location is installed:

1. Press and release the color-coded button next to the location you want to update on the display.
2. Press and release the "⚙️" button.
3. Press and release the "▲" or "▼" buttons until "EDIT NAME" is showing.
4. Press and release the "SET" button.
5. Press and release the "▲" or "▼" buttons to cycle through the available location names.
6. Press and release the "SET" button to confirm a name selection.

### Location Names

AQUARIUM	BEDROOM 4	HOT TUB	OTHER
ANIMALS	CELLAR	HUMIDOR	OUTDOOR
ATTIC	COOLER	INDOOR	POOL
BARN	DINING RM	KITCHEN	PORCH
BASEMENT	FAMILY RM	LAUNDRY	SPA
BATHROOM	FREEZER	LIVING RM	STORAGE
BATHROOM2	FRIDGE	MASTER BR	SUMP PUMP
BATHROOM3	GARAGE	MUSIC RM	UPSTAIRS
BEDROOM	GARDEN	NURSERY	UTILITY
BEDROOM 2	GUEST RM	OFFICE	WINE
BEDROOM 3			



## Remove a Location from the Display

Remove a location's data readings and disconnect from the display by accessing the "DELETE" screen:

1. Press and release the color-coded button next to the location you want to delete from the display.
2. Press and release the "⚙️" button.
3. Press and release the "▲" or "▼" buttons until "DELETE" is showing.
4. Press and release the "SET" button. "DELETE MONITOR" will flash.
5. Press and release the "SET" button to remove the location from the display.

## Sync a New Monitor or Sensor with the Display

To manually add a new Monitor or Sensor to the display:

1. Press and release the color-coded button next to a location on the display with the name "AVAILABLE." Next, "ADD MONITOR" will flash at the top of the display.
2. Press the "SET" button. "SELECT MONITOR STYLE" and " " or " " will flash on the display.
3. Press and release the "▲" or "▼" buttons to highlight the icon that represents the type of product you are adding.
4. Press the "SET" button to confirm your selection. "SELECT ID" appears on the display.
5. Press and release the "▲" or "▼" buttons to cycle through the Monitors and/or Sensors that the display has wirelessly identified.
6. Press the "SET" button to confirm your selection. "SELECT NAME" appears on the display.
7. Press and release the "▲" or "▼" buttons to cycle through the available location names. Select the name that most closely matches the location where the Monitor or Sensor that is reporting data for the location is installed.
8. Press the "SET" button to confirm your selection.

The new Monitor or Sensor will now synchronize with the display. It may take a few minutes for synchronization to complete. Please refer to the troubleshooting section of this manual if anything appears to be functioning improperly.

## View Wired Sensor Readings (if applicable)

To toggle between Monitor and Wired Sensor readings:

1. Press and release the color-coded button for the corresponding location containing the Wired Sensor to activate the location settings.
2. Press and release the same color-coded button again to toggle between Monitor and Wired Sensor readings.

## Move Location Data to a Different Position on the Display

The location data on the display can be moved to a different position on the display. First, identify the two (2) data areas that you want to swap positions. Press and HOLD the color-coded buttons found next to each area simultaneously for 5 seconds. The data will switch positions on the display.

## Backlight Settings

The color display features three different lighting settings: High (100%) brightness, Medium (60%) brightness and Low (30%) brightness.

Using battery power alone, the backlight is available momentarily for 10 seconds by pressing the Backlight button.

When display is powered by the power adapter, backlight remains on at 100% brightness. Press the Backlight button once to dim to 60% brightness; press again to dim to 30%, press a 3rd time to enter "AUTO DIM" mode. "AUTO" appears on the display.

<b>AUTO DIM MODE:</b> Automatically adjusts display brightness based on time of day.
6:00 a.m - 9:00 p.m. = 100% brightness
9:01 p.m - 5:59 a.m. = 30% brightness

## Placement for Maximum Accuracy

AcuRite products are sensitive to surrounding environmental conditions. Proper placement is critical for accuracy and performance.

## Display Placement



Place the display in a dry area free of dirt and dust. Display stands upright for tabletop use or is wall-mountable.

## Important Placement Guidelines

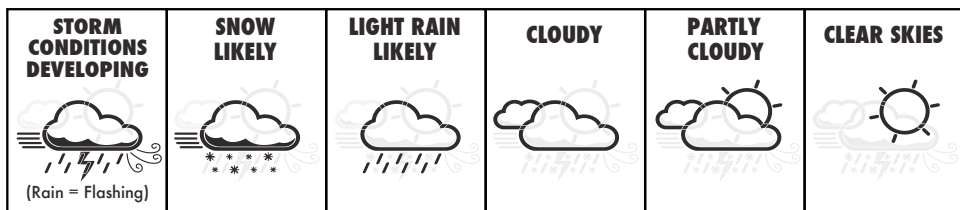
- To ensure accurate temperature measurement, place product out of direct sunlight and away from any heat sources or vents.
- Display and add-on Monitors/Sensors must be within 330 feet (100 m) of each other.
- To maximize wireless range, place product away from large metallic items, thick walls, metal surfaces, or other objects that may limit wireless communication.
- To prevent wireless interference, place product at least 3 feet (.9 m) away from electronic devices (TV, computer, microwave, radio, etc.).

## Using the Home Environment Display

### Weather Forecast

AcuRite's patented Self-Calibrating Forecasting provides your personal forecast of weather conditions for the next 12 to 24 hours by collecting data from a sensor in your backyard. It generates a forecast with pinpoint accuracy - personalized for your exact location.

**Note:** To forecast precipitation accurately a weather-resistant Monitor or Sensor (sold separately) must be placed outdoors and its location name must be set to OUTDOOR or GARDEN.



View the complete list of icons at [www.AcuRite.com/acurite-icons](http://www.AcuRite.com/acurite-icons)

### Learning Mode

Self-Calibrating Forecasting uses a unique algorithm to analyze changes in pressure over a time period (called Learning Mode) to determine your altitude. After 14 days, the Learning Mode icon "(\*)" disappears from the display screen. At this point, the self-calibrated pressure is tuned in to your location and the unit is ready for superior weather prediction.

### Barometric Pressure

Subtle variations in barometric pressure greatly affect the weather. This weather station displays the current pressure with an arrow icon to indicate the direction the pressure is trending (FALLING, STEADY, or RISING).

### High & Low Records

High and low values are recorded for the data the display is tracking. To view high and low record information for a location:

1. Press and release the color-coded button next to the location for which you wish to view records.
2. Press and release the "⚙️" button. "RECORDS" will be shown.
3. Press and release the "SET" button.

While viewing the "RECORDS" screen, the display will automatically scroll through the high and low records for TODAY and ALL TIME. Today's records automatically clear at 12:00am midnight every day. All-time records are

the highest and lowest values recorded since the unit was powered on. A timestamp is shown in the clock area of the display indicating when the record values were recorded.

To manually clear the records currently being viewed, press and release the CLEAR button, located in the battery compartment of the display. Dashes display to confirm you have cleared the record currently being viewed.

## Programmable Alarms

This display features programmable alarms that sound an alert to notify you when a value (for temperature, humidity, etc.) has been reached or exceeded. When an alarm is triggered, the display emits an audible beep and flashes data in the affected category. You can customize the alarms by turning ON or OFF the alarms you'd like activated or deactivated, and most alarms allow you to input your own values to trigger the alarm. By default, the water detector alarm is preset to ON.

### Setup an Alarm

1. Press and release the color-coded button next to a location on the display for which you wish to set an alarm.
2. Press and release the “((◀))” button to enter alarm SET MODE.
3. Press and release the “((◀))” button until the reading for which you wish to set an alarm is highlighted on the display. “ALARM OFF” will flash.
4. Press and release the “▲” or “▼” buttons until “ALARM ON” appears.
5. Press and release the “((◀))” button to cycle to the next reading for the location.
6. Repeat steps 3-5, as needed.


### Edit an Alarm

1. Press and release the color-coded button next to a location on the display for which you wish to update an alarm.
2. Press and release the “((◀))” button to enter alarm SET MODE.
3. Press and release the “((◀))” button until the data reading that you wish to adjust an alarm for is highlighted on the display.
4. Press and release the “SET” button. “SET ALARM” will be shown.
5. Press and release the “▲” or “▼” buttons to adjust the reading's HIGH value.
6. Press and release the “SET” button.
7. Press and release the “▲” or “▼” buttons to adjust the reading's LOW value.
8. Press and release the “SET” button to end alarm adjustments, OR press and release the “((◀))” button to adjust the next reading's values.

## Disable an Alarm

1. Press and release the color-coded button next to the location on the display for which you wish to disable an alarm.
2. Press and release the “(🔊)” button to enter alarm SET MODE.
3. Press and release the “(🔊)” button until the reading for which you wish to disable an alarm is highlighted on the display. “ALARM ON” will flash.
4. Press and release the “▲” or “▼” buttons until “ALARM OFF” appears.
5. Press and release the “(🔊)” button to cycle to the next reading for the location.
6. Repeat steps 3-5, as needed.

## Troubleshooting

Problem	Possible Solution
<p><b>No reception</b></p> 	<p>If the wireless signal indicator shows no bars:</p> <ul style="list-style-type: none"> <li>• Relocate the display and/or synced Monitor/Sensor (if applicable). The products must be within 330 ft (100 m) of each other</li> <li>• Make sure products (display, Monitors, Sensors) are placed at least 3 feet (.9 m) away from electronics that may interfere with the wireless communication (such as TVs, microwaves, computers, etc).</li> <li>• Use standard alkaline batteries (or lithium batteries in Monitors and Sensors when temperature is below -4°F/-20°C). Do not use heavy duty or rechargeable batteries.</li> </ul> <p><b>Note:</b> It may take a few minutes for display and sensor to synchronize after batteries are replaced.</p>
<p><b>Temperature is flashing or showing dashes</b></p>	<p>Flashing of the temperature reported by a Monitor/Sensor is generally an indication of wireless interference between the sensor and display.</p> <ol style="list-style-type: none"> <li>1. Remove the Monitor/Sensor location from the display (see page 9).</li> <li>2. Re-add Monitor/Sensor to an available location on display (see page 10).</li> </ol>

**If your AcuRite product does not operate properly after trying the troubleshooting steps, visit [www.AcuRite.com](http://www.AcuRite.com) or call (877) 221-1252 for assistance.**



<b>Problem</b>	<b>Possible Solution</b>
<b>Inaccurate forecast</b>	<ul style="list-style-type: none"> <li>• Weather Forecast icon predicts conditions for the next 12 to 24 hours, not current conditions.</li> <li>• Verify at least one weather-resistant Monitor/Sensor is placed outdoors with the location name set to OUTDOOR or GARDEN. This is required for full weather forecast functionality.</li> <li>• Verify the Learning Mode “☼” icon has disappeared from the display. Learning Mode must complete before forecast and pressure will be accurate.</li> <li>• Allow product to run continuously for 33 days. Powering down or resetting the display will restart Learning Mode. After 14 days, forecast should be fairly accurate, however Learning Mode calibrates for a total of 33 days.</li> </ul>
<b>Inaccurate temperature or humidity</b>	<ul style="list-style-type: none"> <li>• Verify the product that is reporting an inaccurate temperature reading is placed out of direct sunlight and away from any heat sources or vents (see page 11).</li> <li>• Verify the product that is reporting an inaccurate humidity reading is positioned away from moisture sources (see page 11).</li> </ul>
<b>Display screen not working</b>	<ul style="list-style-type: none"> <li>• Check that the power adapter is plugged into the display and an electrical outlet.</li> <li>• Reset the display by pressing the RESET button, located in the battery compartment of the display. Date and time will need to be entered after a reset.</li> </ul>
<b>Sensor not recognized</b>	<p>If the Home Environment Display is being used with more than one Temperature &amp; Humidity Sensor (models 06002 or 06044), the A-B-C channels must differ between each sensor.</p> <ol style="list-style-type: none"> <li>1. Bring the display and wireless sensors together and position them side-by-side.</li> <li>2. Remove the power adapter and batteries from the display.</li> <li>3. Verify that each sensor has a different A-B-C channel selected. <ul style="list-style-type: none"> <li>• Model 06002 - Locate the A-B-C switch inside the battery compartment to adjust channel setting.</li> <li>• Model 06044 - Locate the A-B-C button on the back of the sensor to adjust channel setting (indicated on sensor display).</li> </ul> </li> <li>4. Re-install sensor batteries (if applicable).</li> <li>5. Plug in display’s power adapter.</li> </ol> <p><b>Note:</b> It may take a few minutes for the display and sensor(s) to synchronized after batteries are replaced.</p>

# Care & Maintenance

## Display Care

Clean with a soft, damp cloth. Do not use caustic cleaners or abrasives. Keep away from dust, dirt and moisture. Clean ventilation ports regularly with a gentle puff of air.

## Calibration

### Calibrate Temperature and Humidity

The temperature and humidity readings can be calibrated on the display to improve accuracy. Calibration can improve accuracy when product placement or environmental factors impact your data accuracy.

1. Press AND HOLD both the "SET" button and color-coded button (found next to the location reading you wish to calibrate) simultaneously for 10 seconds.
2. Once in calibration mode, the reading you are currently calibrating will show on the display.
3. Press the "▲" or "▼" buttons to calibrate the data value higher or lower from the actual reading. The arrow in the forecast area indicates whether your current calibrated value is higher, lower or the same as the actual reading.
4. Press the "SET" button to confirm the calibration adjustment. The "☾" icon will remain illuminated next to calibrated values.
5. The next adjustable data will be displayed, indicating it is ready to be calibrated. Repeat Steps 2 - 4 to calibrate additional data.
6. After returning to normal viewing mode, repeat steps 1 - 5 to calibrate readings for additional locations.

**Note:** Calibrations will be erased if the display is reset or if batteries are removed and the power adapter is unplugged.

### Calibrate Barometric Pressure

The default pressure mode is set to "auto." In auto mode, the pressure will calibrate itself over a 14 day Learning Mode. Barometric pressure can be manually calibrated:

1. Press AND HOLD the "SET" button for at least 10 seconds to enter manual pressure mode.
2. The "manual" indicator will be shown above the un-calibrated pressure reading. Press AND HOLD both the "SET" button and color-coded button (found next to the location name of the display) for 10 seconds.
3. Press the "▲" or "▼" buttons to calibrate the data value higher or lower from the actual reading. The arrow located next to the pressure reading indicates whether your current calibrated value is higher, lower or the same as the actual reading.
4. Press the "SET" button to confirm the calibration adjustment. The "☾" icon will remain illuminated next to the calibrated value.

**Note:** Calibration will be erased if the display is reset or if batteries are removed and the power adapter is unplugged.

To exit manual pressure mode and return to auto mode press and hold the "SET" button for at least 10 seconds.

# Specifications

<b>DISPLAY'S BUILT-IN TEMPERATURE SENSOR RANGE</b>	32°F to 122°F; 0°C to 50°C
<b>DISPLAY'S BUILT-IN HUMIDITY SENSOR RANGE</b>	1% to 99% RH
<b>WIRELESS RANGE</b>	330 ft / 100 m depending on home construction materials
<b>OPERATING FREQUENCY</b>	433 MHz
<b>POWER</b>	Display: 5vdc power adapter 3 x AAA alkaline batteries (for backup; optional)

# 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:



(877) 221-1252

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

- ▶ Installation Videos
- ▶ Register your Product
- ▶ Instruction Manuals
- ▶ Support User Forum
- ▶ Replacement Parts
- ▶ 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.



# ACU RITE®



Weather  
Stations



Temperature  
& Humidity



Weather  
Alert Radio



Kitchen  
Thermometers  
& Timers



Clocks

*It's more than accurate, it's **ACU RITE**.*

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)

©Chaney Instrument Co. All rights reserved. AcuRite is a registered trademark of the Chaney Instrument Co., Lake Geneva, WI 53147. All other trademarks and copyrights are the property of their respective owners. AcuRite uses patented technology. Visit [www.AcuRite.com/patents](http://www.AcuRite.com/patents) for details.