ACU▸RITE.

Professional Weather Center
models 00502, 00511

CONTENTS

Questions? Contact Customer Support at
(877) 221-1252 or visit www.**AcuRite**.com.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

ACU▸RITE.

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 with Tabletop Stand
2. 5-in-1 Sensor
3. Sensor Mounting Bracket
4. Mounting Hardware
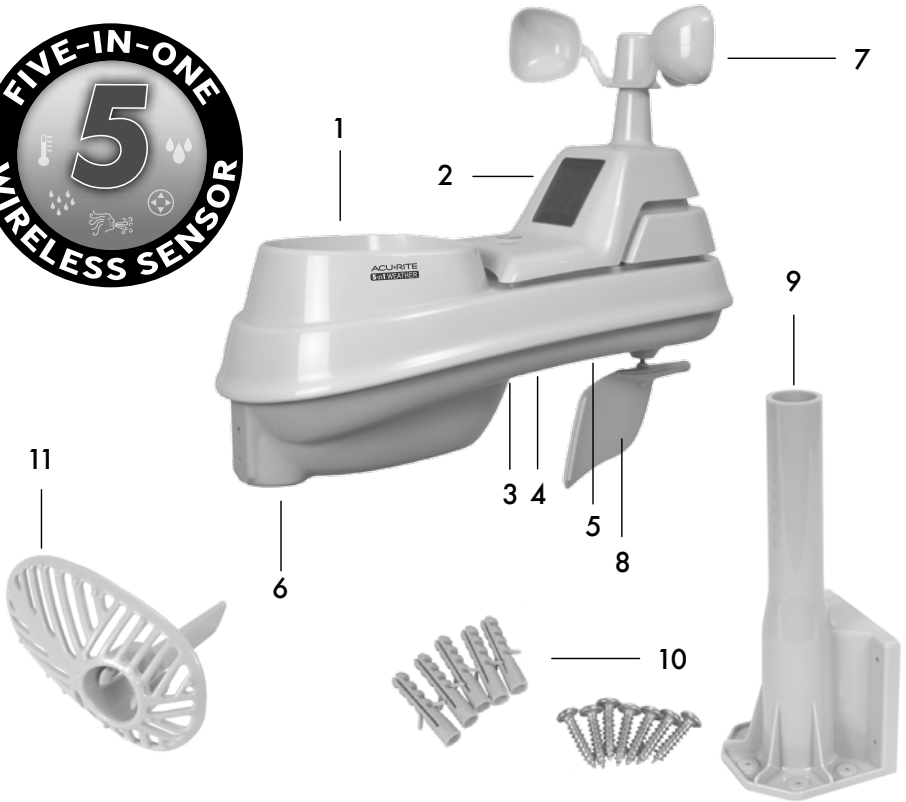5. Power Adapter
6. Instruction Manual

IMPORTANT	PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE

PRODUCT REGISTRATION
Register online to receive 1 year warranty protection

www.**AcuRite**.com

Features & Benefits

FIVE-IN-ONE
5
WIRELESS SENSOR

7
1
2
9
3 4
5
8
6
11
10

5-in-1 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**
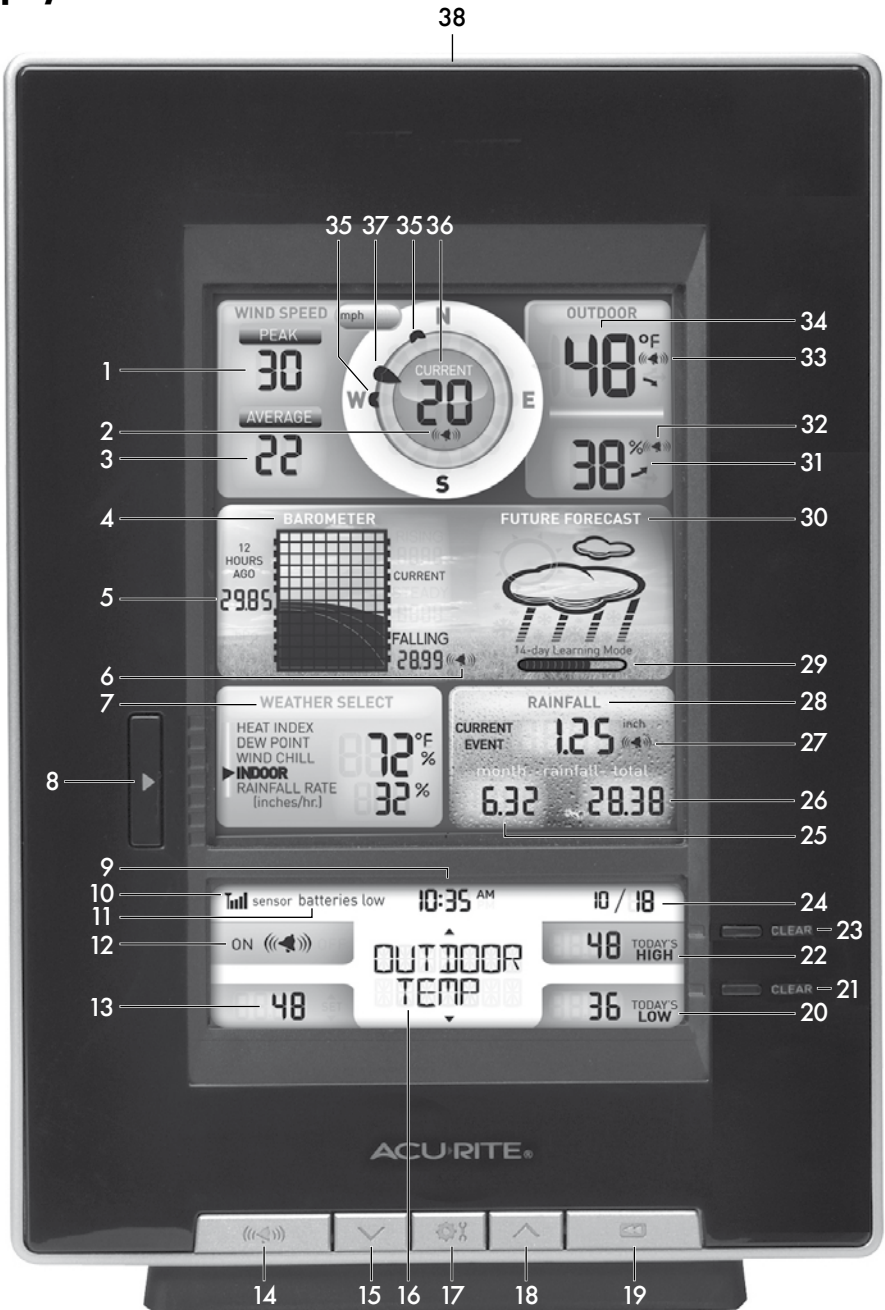   Includes 5 anchors & the following screws:

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.

Features & Benefits

Display

WIND SPEED
mph
PEAK
30
N
AVERAGE
22
CURRENT
20
W
E
S

OUTDOOR
48°F
38%

BAROMETER
12 HOURS AGO
29.85
CURRENT
FALLING
28.99

FUTURE FORECAST
14-day Learning Mode

WEATHER SELECT
HEAT INDEX
DEW POINT
WIND CHILL
►INDOOR
RAINFALL RATE
(inches/hr.)
72°F
32%

RAINFALL
CURRENT EVENT
1.25 inch
month - rainfall - total
6.32   28.38

sensor batteries low
10:35 AM
10 / 18

ON
OUTDOOR TEMP
48 TODAY'S HIGH
CLEAR
48
36 TODAY'S LOW
CLEAR

ACU·RITE®

14   15 16 17   18   19

1. **Peak Wind Speed**
   Highest speed from past 60 minutes.

2. **Wind Speed Alarm On Indicator**

3. **Average Wind Speed**
   Average wind speed over the past 2 minutes.

4. **Pressure History Graph**
   Current pressure on right with trend (RISING, STEADY or FALLING).

5. **Historical Barometric Pressure**
   Pressure reading 12 hours ago.

6. **Storm Alert Alarm On Indicator**

7. **Weather Select**
   Heat index, dew point, wind chill, indoor temperature / humidity, and rainfall rate (inches of rain per hour).

8. **Weather Select Button**
   Press to change the Weather Select category data being displayed.

9. **Clock**

10. **Outdoor Sensor Signal Strength**

11. **Sensor Low Battery Indicator**

12. **Alarm On/Off Indicator**
    For Selectable Category (#16).

13. **Programmable Alarm Setting**

14. ((◀)) **Button**
    Activate alarm; press and hold to adjust alarm values.

15. ∨ **Button**
    For setup preferences and category selection (#16).

16. **Selectable Category**

17. ✿⅄ **Button**
    For setup preferences.

18. ∧ **Button**
    For setup preferences and category selection (#16).

19. ◀◀ **Button**
    Press for all-time low and date recorded for current category selected on display (#16). Press twice for all-time high and date recorded.

20. **Record Low**
    Shown for current category selected on the display (#16).

21. **Clear Button**
    Deletes record low (#20) shown.

22. **Record High**
    Shown for current category selected on the display (#16).

23. **Clear Button**
    Deletes record high (#22) shown.

24. **Date**

25. **Current Month Total Rainfall**

26. **All-Time Total Rainfall**

27. **Rainfall Alarm On Indicator**

28. **Current Rainfall**
    Accumulates data during rainfall.

29. **Learning Mode Icon**
    Disappears after weather forecast self-calibration is complete.

30. **12 to 24 Hour Weather Forecast**
    Self-Calibrating Forecasting pulls data from your 5-in-1 sensor to generate your personal forecast.

31. **Current Outdoor Humidity**
    Arrow icon indicates the direction the humidity is trending.

32. **Outdoor Humidity Alarm On Indicator**

33. **Outdoor Temperature Alarm On Indicator**

34. **Current Outdoor Temperature**
    Arrow icon indicates direction the temperature is trending.

35. **Previous 2 Wind Directions**

36. **Current Wind Speed**

37. **Current Wind Direction**

38. **Momentary Backlight Button**
    For momentary backlight when on battery power.
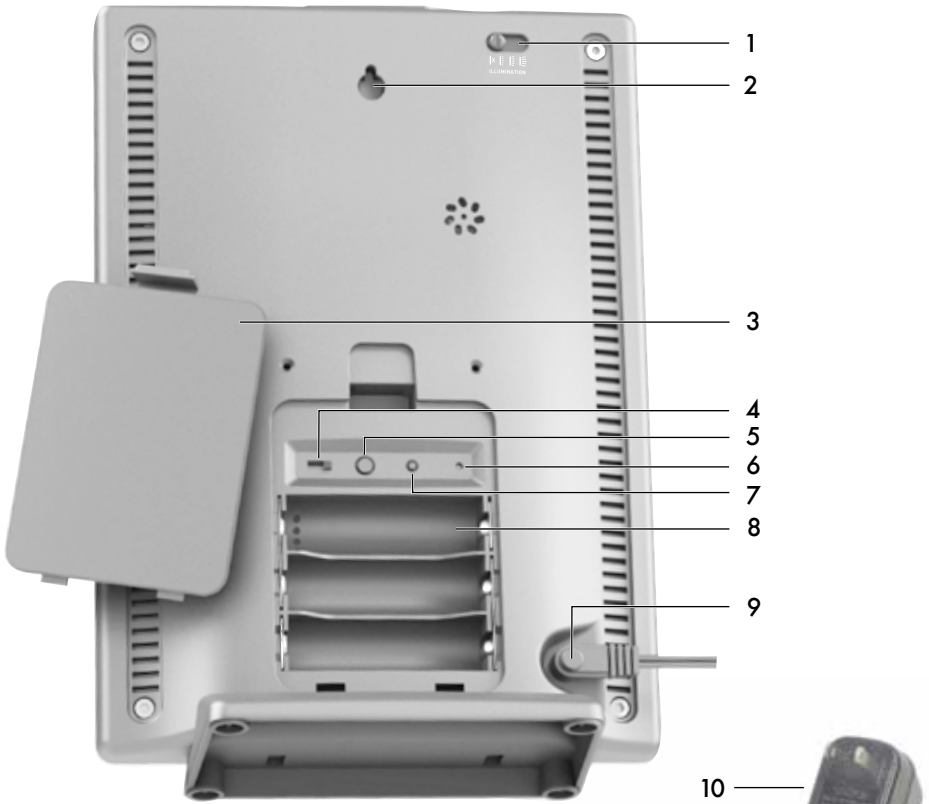
BACK OF DISPLAY

1. **Backlight Dimmer Switch**
   Adjusts display backlight settings:
   Off, low, medium, high.

2. **Integrated Hang Hole**
   For easy wall mounting.

3. **Battery Compartment Cover**

4. **A-B-C Switch**
   ID code that must match 5-in-1
   sensor's A-B-C switch to ensure
   units synchronize.

5. **Clear Today Button**
   Press and release to clear data
   recorded since 12:00 am.

6. **Reset Button**
   Full reset to factory defaults.

7. **Clear All Button**
   Press and release to clear all
   data recorded.

8. **Battery Compartment**

9. **Plug-in for Power Adapter**

10. **Power Adapter**

5-in-1 Sensor Setup

❶ 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 choices for both the sensor and the display in order for the units to synchronize.

❷ 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.
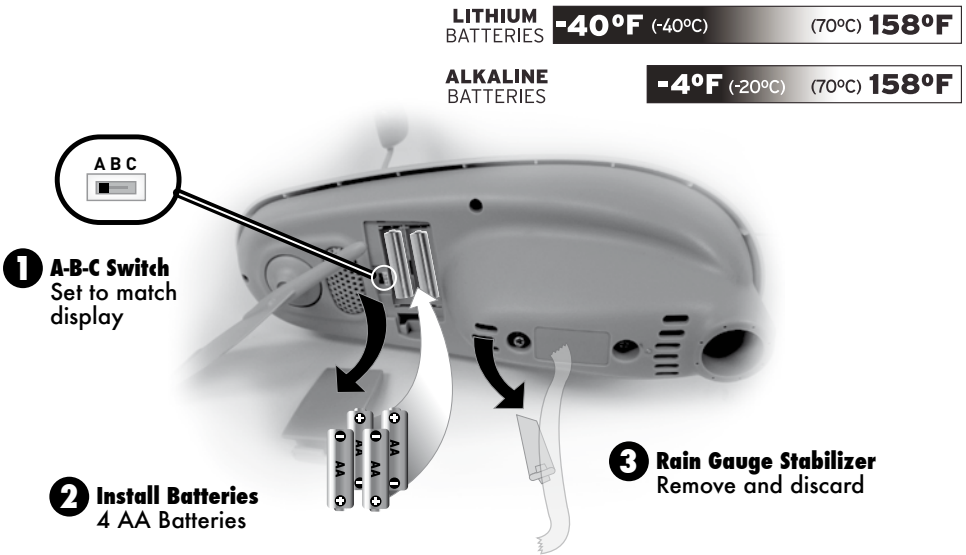
The 5-in-1 sensor requires lithium batteries in low temperature conditions. Cold temperatures can cause alkaline batteries to function improperly. Use lithium batteries in the 5-in-1 sensor for temperatures below -4°F / -20°C.

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.

❸ 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.

LITHIUM BATTERIES **-40ºF** (-40ºC) (70ºC) **158ºF**

ALKALINE BATTERIES **-4ºF** (-20ºC) (70ºC) **158ºF**

A B C

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

❷ **Install Batteries** 4 AA Batteries

❸ **Rain Gauge Stabilizer** Remove and discard

Display Setup

❶ 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. However, you must select the same letter choices for both the sensor and the display in order for the units to synchronize.

❷ Plug-in Power Adapter

For the best performance, plug in the power adapter as the main power source for this product.

❸ Install or Replace Backup Batteries (optional)

Insert 3 x AA alkaline batteries into the battery compartment, as shown. Follow the polarity (+/-) diagram in the battery compartment.

A B C

❶ **A-B-C Switch**
Set to match sensor

❸ **Install Backup Batteries** (optional)
3 AA Batteries

➕ AA ▐
▐ AA ➕
➕ AA ▐
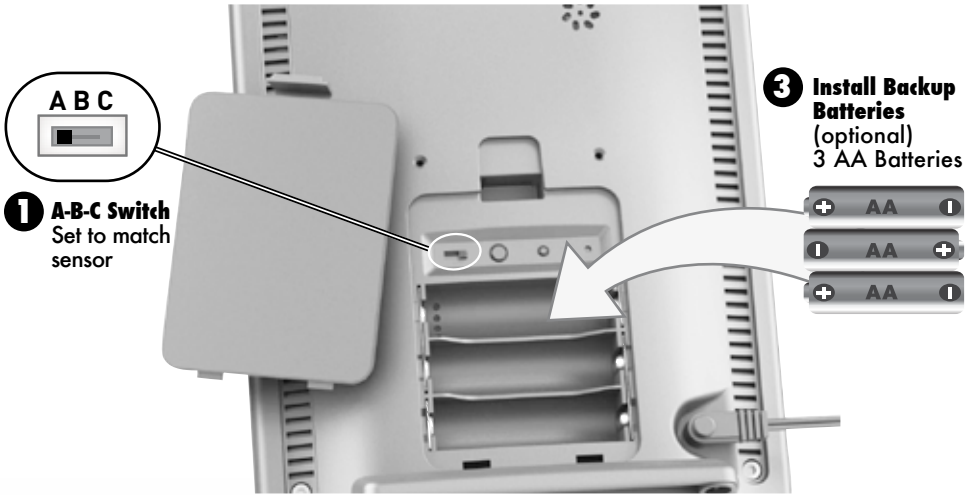
❷ **Plug in Power Adapter**

IMPORTANT: Batteries are a backup power source to preserve records in the event of a power outage. **Power adapter is recommended 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.
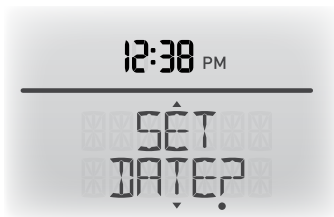
BATTERY SAFETY: Clean the battery contacts and also those of the device prior to battery installation. Remove batteries from equipment that will not be used for an extended period of time. Follow the polarity (+/-) diagram in the battery compartment. Promptly remove dead batteries from the device. Dispose 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

The clock and calendar are utilized to time stamp history records and other data, so it is important to set the time and date soon after you power on the display.

Set the Time

1. Press the up or down arrow buttons until "SET CLOCK?" is displayed on the Selectable Category part of the display.

2. Press the "⚙✗" button to set the clock.

3. Press the up or down arrows to adjust the hour. Note the "AM" and "PM" indicators.

4. Press the "⚙✗" button to confirm hour selection.

5. Press the up or down arrows to adjust minutes.

6. Press the "⚙✗" button to confirm minute selection.

The clock is now set.

Set the Date

1. Press the up or down arrow buttons until "SET DATE?" is displayed on the Selectable Category part of the display.

2. Press the "⚙✗" button to set the date.

3. Press the up or down arrows to adjust the month.

4. Press the "⚙✗" button to confirm month selection.

5. Press the up or down arrows to adjust the day.

6. Press the "⚙✗" button to confirm day selection.

7. Press the up or down arrows to adjust the year.

8. Press the "⚙✗" button to confirm year selection.

The date is now set.

Note: The "⌐" stays in Selectable Categories, even after setup.

Select Measurement Units

To select between standard units (mph, °F, etc.) or metric units (kph, °C, etc.):

1. Press the up or down arrow buttons until "SET UNITS?" is displayed on the Selectable Category part of the display.

2. Press the "⚙✂" button to set the unit preference.

3. Press the up or down arrows to select "STAND" for standard or "METRIC" for metric units.

4. Press the "⚙✂" button to confirm your selection.

5. Next, you will see "WIND MPH". Press the up or down arrows to select MPH, KPH, or KNOTS for wind speed units.

6. Press the "⚙✂" button to confirm your selection.

Units are now set.
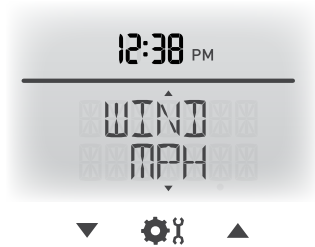
Placement for Maximum Accuracy

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.

Display Placement
Place the display in a dry area free of dirt and dust. To ensure accurate temperature measurement, place out of direct sunlight and away from heat sources or vents. Display stands upright for tabletop use or is wall-mountable.

5-in-1 Sensor Placement
The 5-in-1 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 m) 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 both 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 measurements.

Visit us online to view installation photos and video, or learn more about AcuRite technology:
www.AcuRite.com/5in1

View Video

5-in-1 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.

NO OBSTRUCTIONS ABOVE OR AROUND

SOUTH

at least 5 Feet (1.5 meters) **from ground**

5-in-1 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.
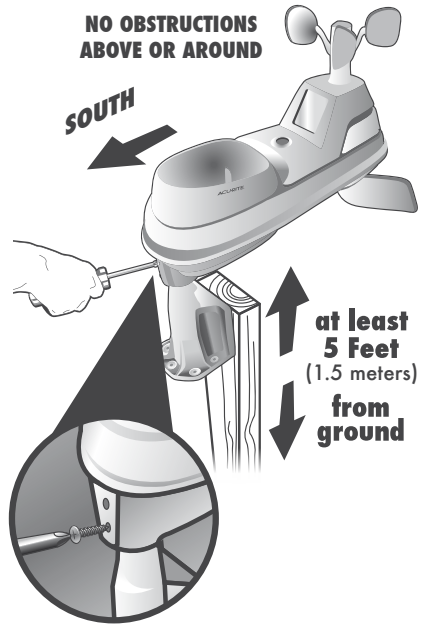
The 5-in-1 sensor is now ready to use.

Clear Data Collected During Installation
When installation is complete, press and release "CLEAR TODAY" button, located on the back of the display inside the battery compartment, to clear erroneous data from the display. This button will clear data recorded since 12:00 am.

Basic Setup is Complete
The 5-in-1 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.
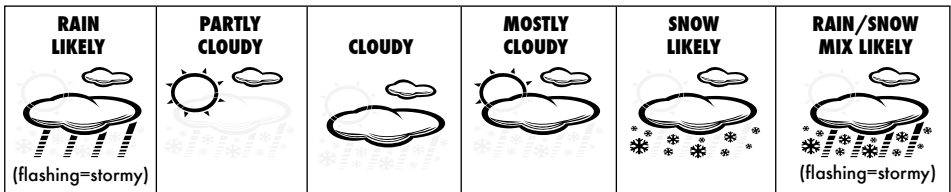
Using the Professional Weather Center

Learning Mode

Self-Calibrating Forecasting use 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.

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 the sensor in your backyard. It generates a forecast with pinpoint accuracy - personalized for your exact location.

RAIN LIKELY	PARTLY CLOUDY	CLOUDY	MOSTLY CLOUDY	SNOW LIKELY	RAIN/SNOW MIX LIKELY
(flashing=stormy)					(flashing=stormy)

View the complete list of icons at www.AcuRite.com/acurite-icons

Barometric Pressure

Subtle variations in barometric pressure greatly affect the weather. This weather forecaster displays the current pressure, direction it's trending (FALLING, STEADY, or RISING) and a pressure chart. The chart tracks and displays the change in pressure so you can monitor the rate of change over time.

Rainfall Event

The rainfall feature tracks rain accumulation over all-time, the current month, and current rainfall event. Current event clears when no rain registers for 8 hours OR no rain registers for 1 hour and pressure rises by .03inhg or more.

Programmable Weather Alarms

Each Selectable Weather Category features an alarm option. When an alarm sounds, the display emits an audible beep and flashes the affected category, its alarm settings, and any other relevant data.

Some alarms can be customized to alert you when your programmed value is reached. Alarms include: outdoor temperature, outdoor humidity, wind speed, heat index, dew point, wind chill, indoor temperature and indoor humidity.

The rain alarm does not require a preset numerical value, but instead sounds as soon as rain is recorded. Similarly, the storm alarm sounds when a large atmospheric pressure drop occurs, which usually indicates an oncoming storm. **NOTE:** The storm alarm is NOT intended to be a safety device or warning system.

Set a Weather Alarm

1. Choose the weather category for which you wish to set an alarm by pressing the up or down arrow buttons until the category is displayed on the Selectable Category part of the display.

2. To program a value (only applies to alarms that require a value), press AND HOLD the "⦅◀⦆" button until the "SET" indicator appears in the area of the display labeled "ALARM" (left of the selected weather category) and the alarm setting flashes.

3. Adjust the alarm value by pressing the up or down arrow buttons.

4. Press the "✿᛭" button to confirm a value.

5. Next, press the "⦅◀⦆" button to activate the alarm. The alarm ON indicator will highlight on the display.

Alarm is now programmed and turned on.

To set or adjust an alarm value:
Press and hold "⦅◀⦆"

To activate or deactivate an alarm:
Press "⦅◀⦆"
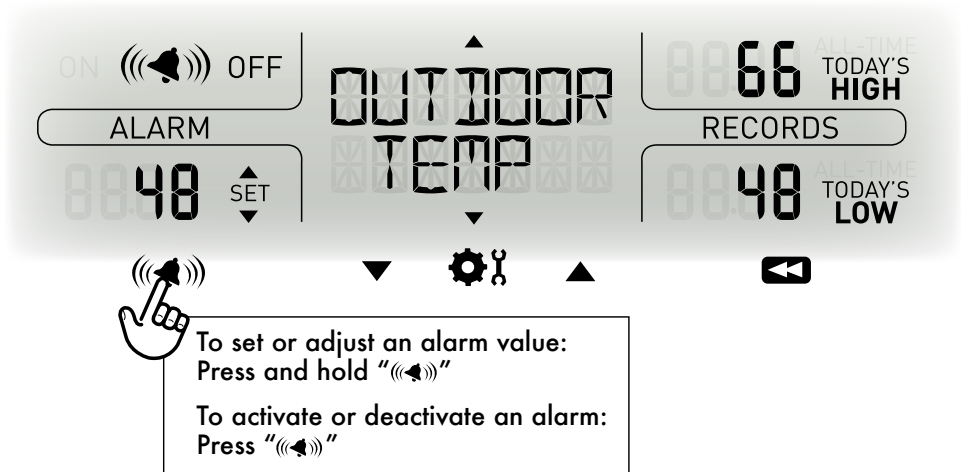
Silence a Sounding Alarm

The alarm sounds initially for a few minutes, then silences itself. The alarm then sounds every few minutes afterwards until one of the following happens:

1. "SNOOZE" - Press any button. Alarm silences, but sounds again if the alarm condition reoccurs.

2. Turn the alarm "OFF" - Deactivates the alarm.

Troubleshooting

Problem	Possible Solution

No outdoor sensor reception
 	
 ▌ɪɪɪ no bars
	• Relocate the display and/or the 5-in-1 sensor. The units must be within 330 ft (100 m) of each other.
	• Make sure both units are placed at least 3 feet (.9 m) away from electronics that may interfere with the wireless communication (such as TVs, microwaves, computers, etc).
	• Use standard alkaline batteries (or lithium batteries in sensor when temperature is below -4ºF/-20ºC). Do not use heavy duty or rechargeable batteries. **NOTE**: It may take a few minutes for display and sensor to synchronize after batteries are replaced.
	• Synchronize the units:
	  1. Bring both the sensor and display indoors and remove batteries from each.
	  2. Reinstall adapter/batteries in outdoor sensor.
	  3. Reinstall adapter/batteries in display.
	  4. Let the units sit within a couple feet of each other for a few minutes to gain a strong connection.

Outdoor temperature is flashing or showing dashes	Flashing of the outdoor temperature may be an indication of wireless interference. • Make sure the A-B-C switch in the battery compartments of both the display and sensor are switched to the same letter. You may choose A, B or C; but both units must match to sync up. Sometimes changing to a different channel can help.
Inaccurate forecast	• Weather Forecast icon predicts conditions for the next 12 to 24 hours, not current conditions. • Has Learning Mode icon disappeared from the display? Learning Mode must complete before forecast and pressure will be accurate. • Allow unit to run continuously for 33 days. Battery removal 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.

Troubleshooting

Problem	Possible Solution
Inaccurate temperature or humidity	• Make sure both the display and sensor are placed away from heat sources or vents (see page 11). • Make sure both units are positioned away from moisture sources (see page 11). • Make sure sensor is mounted at least 5 ft off the ground. • Calibrate indoor and outdoor temperature and humidity (see page 17).
No rainfall	• Check to ensure the rain gauge stabilizer (plastic tab) has been removed from the bottom of the sensor (see page 7). • Clear debris, such as leaves, out of the rain collector funnel and debris screen. • Calibrate the Rain Gauge (see page 18).
Inaccurate wind readings	• What is wind reading being compared to? Pro weather stations are typically mounted at 30 ft high or more. Make sure to compare data using a sensor positioned at the same mounting height. • Check location of the sensor. Ensure it's mounted a minimum of 5 ft in the air with no obstructions around it (within several feet). • Ensure wind cups are spinning freely. If they hesitate or stop try lubricating with graphite powder or spray lubricant.
Display screen not working	• Check that the power adapter is plugged into the display and an electrical outlet. • Reset the display by pressing the Reset button, located on the back of the display. Date and time will need to be entered after a reset.

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

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.

5-in-1 Sensor Care

Clean the Sensor

Clean with a soft damp cloth. Do not use caustic cleaners or abrasives that will mar the polished surfaces of the rain collection funnel or the solar cell. Scratches will result in decreased performance and reliability.

Insect Prevention

Insects may cause obstructions and interrupt data by nesting in or on the 5-in-1 sensor. To limit this problem, spray the outside of the sensor with a household insect repellent. Consult the insect repellent instructions prior to use.

Snow & Freezing Weather

The 5-in-1 sensor will not be damaged by freezing conditions. **NOTE:** If the rain collector cup fills with snow and then melts, it will register as rain on the display.

Clean the Rain Collector Cup

Remove and empty rain collector debris filter. The debris filter is located in the rain collector funnel. Remove from the top by gently squeezing and pulling out.

Clean the Wind Vane & Anemometer

Remove foreign matter from the outside of the sensor for free movement of the wind vane and anemometer. If needed, use a small amount of spray lubricant, clear silicone or graphite powder on the anemometer for improved movement.

Calibration

Calibrate Temperature & Humidity

The indoor / outdoor temperature and humidity readings can be calibrated on the display to improve accuracy. Calibration improves accuracy when 5-in-1 sensor placement or environmental factors impact your data accuracy.

1. Choose the weather category you wish to calibrate by pressing the up or down arrow buttons until the category is displayed on the Selectable Category part of the display.

2. Press AND HOLD the up and down arrow buttons and the "✿⏱" button all at the same time for 15-20 seconds.

   • The display beeps, and all display data is hidden except for the value being calibrated.

   • "CAL" (calibrate) and arrows appear next to the value being calibrated.

3. Press the up or down arrow buttons to calibrate the data value higher or lower from the actual reading.

4. Press the "✿⏱" button to confirm the calibration adjustment.
   NOTE: The "CAL" icon remains illuminated next to calibrated values.

TEMPERATURE

CAL **48** F →
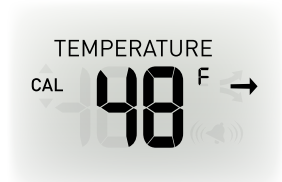
Calibrate the Rain Gauge

The rain gauge on the 5-in-1 sensor can be calibrated to improve accuracy.
Items Needed: 5-in-1 sensor, display, plastic cup, pin, screw driver

1. First, ensure 5-in-1 sensor is perfectly level using built-in bubble level.

2. Place display close so you can monitor it 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 display displays rainfall in approximately 0.01" (.25 mm) 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, display should register 1.06" (27 mm).

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 5-in-1 sensor until an equal number of water drops are tipping the buckets. Then, restart the calibration procedure.

• If you don't hear the buckets tipping and see water dripping alternately out of each drain, there may be an issue with the rain gauge or it's adjustment. See Troubleshooting on page 16.

Adjustment

If the rain gauge doesn't register close to 1.06" (27 mm), make an EQUAL adjustment to the two calibration screws on the bottom of the 5-in-1 sensor. Turning screws clockwise increases rainfall; counter clockwise decreases rainfall.
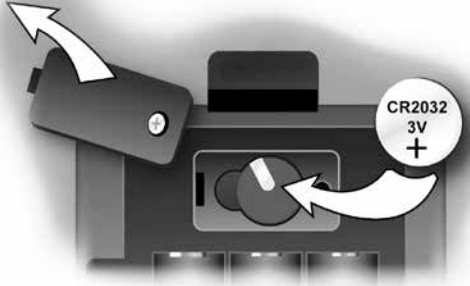
• To adjust the rainfall reading by 2% turn both screws 1/8 of a turn.
• To adjust the rainfall reading by 4% turn both screws 1/4 of a turn.
• To adjust the rainfall reading by 8% turn both screws 1/2 of a turn.

Watch the video at www.acurite.com/5in1

Replace Intelli-Time Clock Battery

Intelli-Time technology is powered by a pre-installed coin-cell battery that stores the time and date settings. The battery has a shelf life of several years. Time and date will need to be entered after replacing Intelli-Time battery. To replace the Intelli-Time battery:

1. Locate the coin cell battery compartment door in the battery compartment of the display. Unscrew and remove the compartment cover.

2. Insert 1 x CR2032 coin cell battery into the battery compartment, as shown. Install battery with "+" positive terminal facing OUT.

3. Screw in the battery cover.

Specifications

TEMPERATURE RANGE	Outdoor: -40°F to 158°F; -40°C to 70°C
	Indoor: 32°F to 122°F; 0°C to 50°C
HUMIDITY RANGE	Outdoor: 1% to 99%
	Indoor: 16% to 98%
WIND SPEED	0 to 99 mph; 0 to 159 kph
WIND DIRECTION INDICATORS	16 points
RAINFALL	0.01 inches (0.25 mm) and up
WIRELESS RANGE	330 ft / 100 m depending on home construction materials
OPERATING FREQUENCY	433 MHz
POWER	Display: 5v, 100mA power adapter 3 x AA alkaline batteries (optional) 1 x CR2032 coin cell battery
	Sensor: 4 x AA alkaline or lithium batteries
DATA REPORTING	Wind Speed: 18 second updates; Direction: 36 seconds Outdoor temperature & humidity: 36 second updates Indoor temperature & humidity: 60 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:

📞 (877) 221-1252

Visit us at www.**AcuRite**.com

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

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™.

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