

Weather Station

model 02050CCDI / 440601



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.

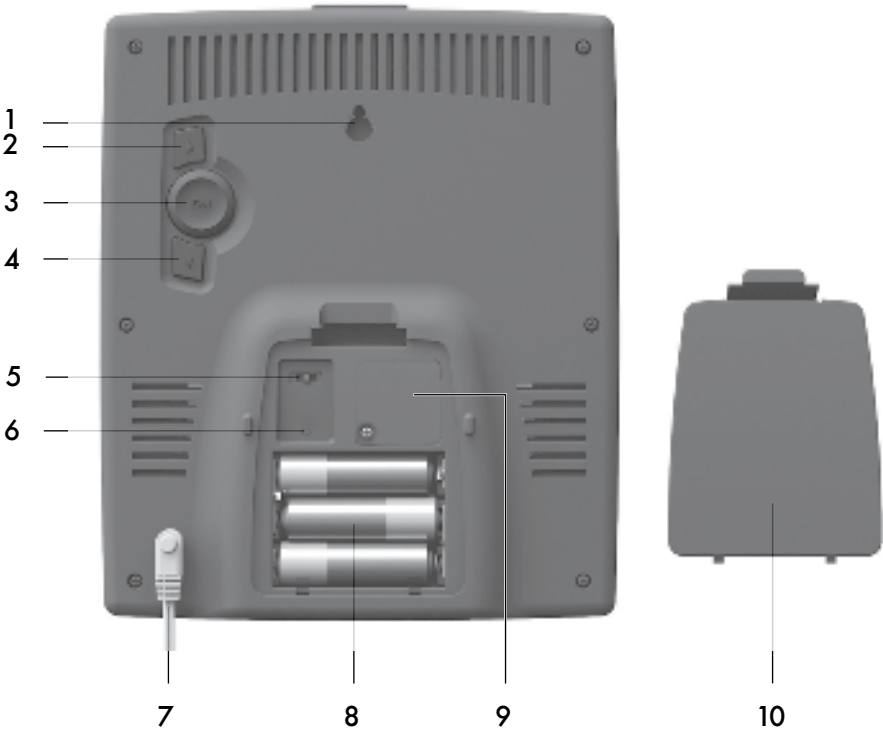
Package Contents

1. Display unit with tabletop stand
2. Outdoor sensor
3. Instruction manual
4. Power adapter

Features and Benefits



Features and Benefits



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

2 Install or Replace Batteries

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

Display Unit 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 choices for both the display unit and the sensor in order for the units to synchronize.

1 A-B-C Switch set to match sensor

A B C

2 Plug Power Adapter into Electrical Outlet

Intelli-Time® Clock

Intelli-Time products are pre-programmed with the correct time and date. Intelli-Time technology instructs the time and date to set themselves. All you need to do is select your Time Zone and Daylight Saving Time preferences. The clock will then automatically set itself and change for Daylight Saving Time.

Set the Time, Date and Units

Press and release the SET button to enter SETUP MODE. Once in setup 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).

Placement for Maximum Accuracy

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



Display Unit Placement

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

Using the Weather Station 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.

Weather Forecast

AcuRite's patented Self-Calibrating Forecasting provides your

Troubleshooting

Problem	Possible Solution
No outdoor sensor reception 	If the wireless signal indicator shows no bars: • Relocate the display unit and/or the outdoor sensor. The units must be within 100 m (330 ft) of each other. • Make sure both units are placed at least 90 cm (3 feet) away from electronics that may interfere with the wireless

Display screen not working	• Check that the batteries are installed correctly. Batteries may need to be replaced. • Reset the display by pressing the reset button, located on the back of the display unit. Date and time will need to be entered after a reset.
The unit lost power or batteries were changed and the time is not correct	• The Intelli-Time battery needs to be replaced (see page 13). Once the new battery is installed, time and date will need to be set manually.

Calibration

Calibrate Temperature and Humidity

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

1. To access calibration mode, press AND HOLD the "▲", "Set", and "▼" buttons (located on the back of the display unit) for at least 5 seconds.
2. Once in calibration mode, the preference you are currently setting will blink on the display.
3. Press the "▲" or "▼" buttons to calibrate the data value higher or lower from 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

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 unit. 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°C to 70°C; -40°F to 158°F
	Indoor: 0°C to 50°C ; 32°F to 122°F
HUMIDITY RANGE	Outdoor: 1% to 99% RH
	Indoor: 1% to 99% RH
WIRELESS RANGE	100 m / 330 ft depending on home construction materials
OPERATING FREQUENCY	433 MHz
POWER	

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



info@chaney-inst.com

24/7 support at

ACU>RITE®



Weather
Stations



Temperature
and Humidity



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