

ACURITE®
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Wireless Thermometer
#00606

Instruction Manual



B. Wireless Sensor



A. Main Unit

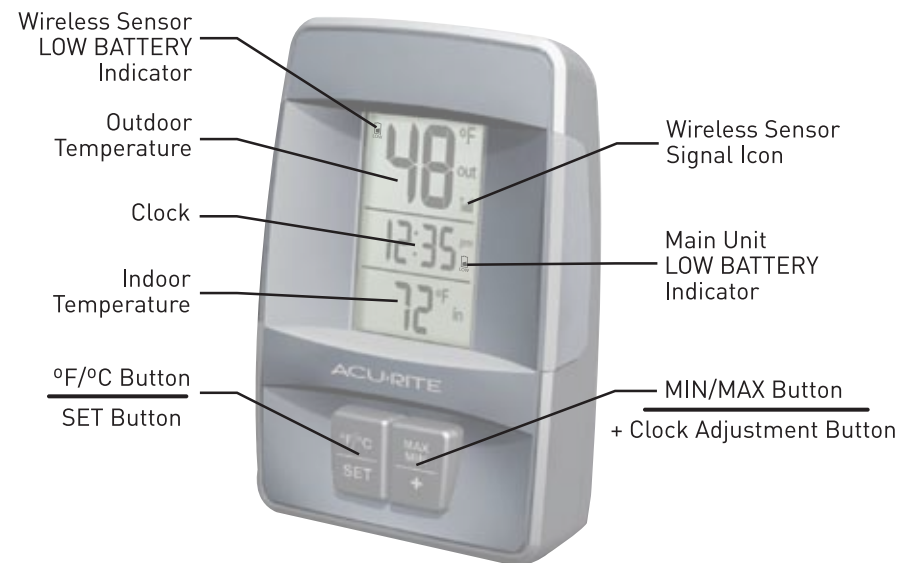
Package Contents:
(1) Main Unit (A)
(1) Wireless Sensor (B)
(1) Instruction Manual

What You Need:
• (2) AA batteries
• (2) AAA batteries

Thank You for purchasing this ACURITE® product. Please read this manual in its entirety to fully enjoy the benefits and features of this product. Please keep this manual for future reference.

NOTE: A clear film is applied to the LCD at the factory that must be removed prior to using this product. Locate the clear tab and simply peel to remove.

1 • OVERVIEW OF FEATURES



Battery Choice & Temperature Range

Extended periods of cold temperatures (below -4°F / -20°C) can cause alkaline batteries to function improperly. This will cause the outdoor wireless sensor to stop transmitting temperature readings. Use lithium batteries in these low temperature conditions to ensure continued operation for wireless sensors placed outdoors. NOTE: Rechargeable batteries are not recommended due to higher operating voltages.

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

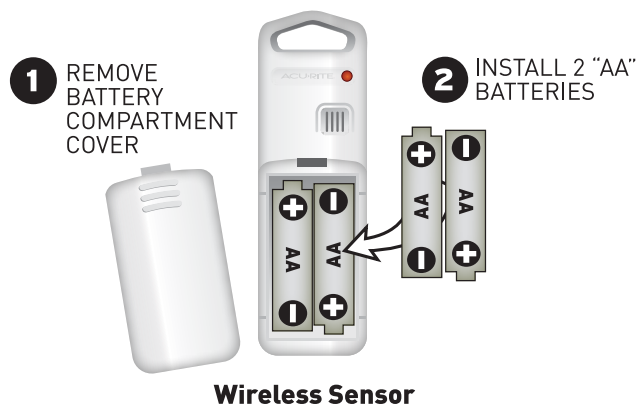
ALKALINE BATTERIES -4°F (-20°C) (70°C) 158°F

Install Batteries

NOTE: Install all batteries in both units within a 6 minute period to ensure proper wireless functionality. **Always install batteries into the wireless sensor FIRST.**

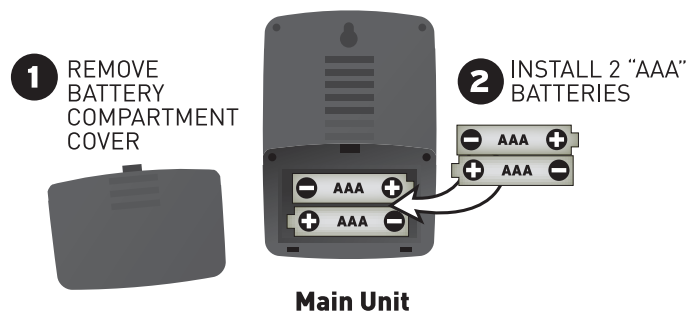
A. Wireless Sensor

Remove the battery compartment cover. Install 2 fresh "AA" batteries as shown here.



B. Main Unit

Remove the battery compartment cover and install 2 fresh "AAA" batteries as shown here.



Basic Setup is Now Complete

The wireless sensor will soon send a signal to the main unit and the two units will be synchronized. It may take a few minutes for synchronization to be complete. The wireless sensor signal icon on the display will show 1 to 4 "bars" when the signal is received. If both or one of the units appear to be functioning improperly, refer to the troubleshooting section in this manual.

Main Unit : Clock Set

After installing batteries into the Wireless Sensor and into the Main Unit, the clock can be set.

TO SET THE CLOCK:

Press **and hold** the "SET" button for 5 seconds to enter into CLOCK SET MODE. Once in clock set mode, the preference you are currently setting will blink on the display.

The preference set order is as follows:

CLOCK HOUR MODE (12 hour or 24 hour)

CLOCK HOUR

CLOCK MINUTE

To **adjust** the currently selected (flashing) preference item, press the "+" button to adjust up to the desired setting (press and HOLD to fast adjust). To **save** your adjustments, press the "SET" button again to move on to adjusting the next preference.

You will automatically exit CLOCK SET MODE if no buttons are depressed for :30 seconds. You may enter basic setup mode again at any time by pressing **and holding** the "SET" button.

Main Unit : MIN/MAX Memory

This wireless thermometer features a MIN/MAX memory feature which records the MINIMUM and MAXIMUM indoor and outdoor temperature readings.

To view the MAX recorded temperature reading, press and release the "MIN/MAX" button. Note the "MAX" icon on the display.

To view the MIN recorded temperature reading, press and release the "MIN/MAX" button again. Note the "MIN" icon on the display.

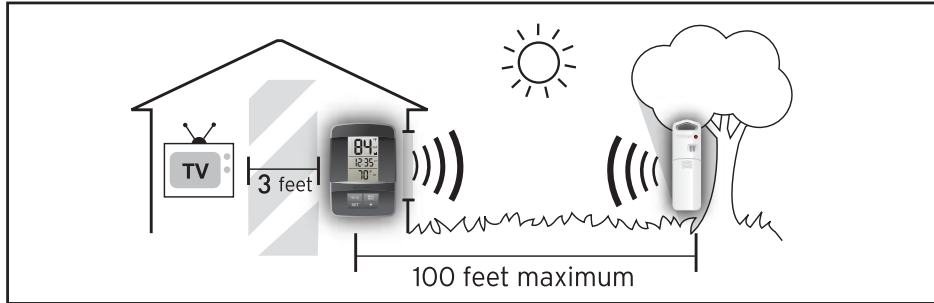
To **clear** the MAX recorded values, press **and hold** the "MIN/MAX" button while in the MAX view mode. Dashes will display in the temperature display to confirm you have cleared the MAX values.

To **clear** the MIN recorded values, press **and hold** the "MIN/MAX" button while in the MIN view mode. Dashes will display in the temperature display to confirm you have cleared the MIN values.

SECTION 3 • PLACEMENT

Now that setup is complete, you must choose a location to place the wireless sensor and the main unit. The wireless sensor **MUST** be placed less than 100 feet away from the main unit.

This wireless thermometer uses radio frequency for communication, which is susceptible to interference from other electronic devices and large metallic items or thick walls. Always place both units at least 3 feet away from appliances (TV, microwave, radios, computers, etc.) or objects that may interfere with the wireless communication (large metal surfaces, thick stone walls, etc.).



Placement of Main Unit

Place the main unit in a dry area free of dirt and dust. To help ensure an accurate indoor temperature measurement, be sure to place the main unit out of direct sunlight, and away from any heat sources or vents in your home. There are 2 placement options for the main unit. You may hang the main unit on a wall using the integrated hang hole. Alternatively, you may place the main unit on a table top or other flat surface.

Placement of Sensor

The wireless sensor **MUST BE PLACED OUTDOORS** to observe outdoor temperatures. The wireless sensor must be placed less than 100 feet from the main unit.

The wireless sensor is water **resistant** and is designed for general outdoor use. However, to extend the life of the product, place the wireless sensor in an area protected from direct weather elements. To ensure an accurate outdoor temperature measurement, be sure the wireless sensor is placed out of direct sunlight and away from any heat sources.

There are 2 placement options for the wireless sensor. You may hang it on a wall using one of the two integrated hang holes, or use string (not included) to hang it from a suitable location like a well covered tree branch.

Troubleshooting

Problem	Possible Solution
<p>Bad Wireless Sensor Reception</p>	<ul style="list-style-type: none"> • Make certain that the batteries are installed correctly into the wireless sensor. The wireless sensor batteries may need replacing. • Relocate the main unit and/or the wireless sensor. Both units must be within 100 feet from each other. • Make sure both units are placed at least 3 feet from other electronic appliances and devices that may interfere with the wireless communication (such as TV's, microwaves, radios, computers etc). • Make certain there are no large metallic surfaces or very thick stone walls or surfaces between the wireless sensor and the main unit. • Metal screens or LOW-E windows may interfere with the wireless communication. • In some cases, relocating AND resetting the main unit and wireless sensors (removing and re-installing batteries) may be necessary. <p>NOTE: It may take up to 20 minutes for the main unit to re-synchronize with the sensor when batteries are replaced. Use lithium batteries in sensor when temperature is below -4°F.</p>
Main Unit Display Not Working	Make certain that the batteries are installed correctly. The batteries may need replacing.



Please **DO NOT** return product to the retail store.
For technical assistance and product return information, please call
Customer Care: **877-221-1252** Mon. - Fri. 8:00 A.M. to 4:45 P.M. (CST)

www.chaneyinstrument.com

SECTION 4 • PRODUCT SPECIFICATIONS

Measurement Ranges

Temperature

Main Unit: 32°F to 122°F / 0°C to 50°C

Wireless Sensor: -40°F to 158°F / -40°C to 70°C

Specifications

Power Requirements

Main Unit: 2 x "AAA" alkaline or lithium batteries

Wireless Sensor: 2 x "AA" alkaline or lithium batteries

Wireless Communication

Radio Frequency: 433 mhz

Transmission Intervals: every 16 seconds

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

BATTERY SAFETY: 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.

To receive product information, register your product online. It's quick and easy!

Log on to http://www.chaneyinstrument.com/product_reg.htm

LIMITED ONE YEAR WARRANTY

Chaney Instrument Company warrants that all products it manufactures to be of good material and workmanship and to be free of defects if properly installed and operated for a period of one year from date of purchase. REMEDY FOR BREACH OF THIS WARRANTY IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ITEMS. 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 Chaney, and at its sole option, be repaired or replaced by Chaney. In all cases, transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which shall have received normal wear and tear, been damaged, tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

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For in-warranty repair, please contact:

Customer Care Department
Chaney Instrument Company
965 Wells Street
Lake Geneva, WI 53147

Chaney Customer Care

877-221-1252
Mon-Fri 8:00 a.m. to 4:45 p.m. CST

www.chaneyinstrument.com



This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1- This device may NOT cause harmful interference, and
- 2- This device must accept any interference received, including interference that may cause undesired operation.

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.

Patent numbers: 5,978,738; 6,076,044; 6,597,990