INSTRUCTION MANUAL
Wireless Thermometer with Sensor
Model 00735

Acu-Rite instruments have been designed and engineered to provide accurate and reliable measurements. Please read the 'ructions thoroughly before setting the weather station.

For desktop display, lift out the foldable stand located on the back of the main unit and sensor. For wall mounting, use the hanging slot by fastening with a nail or screw.

Main unit:
- The wireless thermometer unit comes with built-in random security code technology. The main unit will learn the random code of the remote sensor and log in as Channel 1. Channels 2 & 3 will register in the same way if additional sensors are purchased (model 00739).

Sensor unit:
- The sensors can transmit up to 100 feet distance without outside interference (in open area).

- The sensor unit has a waterproof case design and the 10 ft. detachable probe can be submersed to measure the temperature in ponds, aquariums, etc.

- **Note**: When remote temperatures reach -12°F/-24°C, it is best to bring sensor units indoors and use the detachable probe to monitor outdoor temperatures by placing the probe out a window. Severe cold weather can cause the LCD panel and batteries to freeze and function improperly.

Temperature Ranges:
Main unit: 32° F-122° F/0° C-50° C
˅ mote sensor: -58 F-158° F/-50° C-70° C

BATTERY INSTALLATION

For the first installation, insert the batteries in the main unit first, then the remote sensor.
1. Insert 2 AA alkaline batteries into the main unit.
2. Insert 2 AAA alkaline batteries into the remote sensor.

Low Battery Indicator:
Low battery indication is shown on the LCD of the main unit and on the LCD panel of the remote sensor. To replace the batteries, follow the set-up procedure as mentioned in thermometer set-up.

The main unit and the remote sensor have an approximate battery life of 6 months. *(Alkaline batteries are recommended).*

THERMOMETER SET-UP

- Place batteries in the main unit first.

- Place batteries in the sensor and press **"reset"** or the **Tx** button to send a signal to the main unit.

- To select between Celsius and Fahrenheit temperature readings on the sensor, press the **C/F** button located under the cover. On the main unit, press the **C/F** switch on the back.

- To add an additional sensor make sure batteries are in the main unit first, then place batteries in the additional sensor and press **"reset"** or the **Tx** button. The main unit automatically searches for an open channel to register the signal.

Replacing Batteries:
- When replacing batteries in the remote sensor, the channel in the main unit must be cleared. This can be done by selecting the respective channel and pressing the **channel** button for 3 seconds. Follow thermometer set-up procedure as outlined.

- When replacing batteries in the main unit, the batteries in all remote sensors must be removed and reinstalled. Follow thermometer set-up procedure.

- To reset the entire unit remove the batteries in the main unit and the remote sensor(s) and the registered channels will be erased. Follow the thermometer set-up procedure.

Auto Scroll:
- If additional sensors are used, the auto scroll feature will display each channel's temperature for 5 seconds. To activate press the **channel** button until the icon appears on the screen.

Temperature Trend Indicator:
- The 3 different temperature trend icons will indicate steady, falling, and rising temperatures if the temperature change is more than 1 degree in an hour.

MIN/MAX/MEMORY

High and low temperatures can be recorded for any time period by using this feature.

- Pressing the **min/max** button will display the maximum temperature value.

- Press the button again to display the minimum temperature value.

- To clear the memory record, press **clear** while the respective values are displayed on the screen.

TEMPERATURE ALERT

Minimum and maximum temperature alerts can be programmed for the indoor and remote channel temperatures.

To turn the feature on/off, press the **alert** button once to display icon.

Setting Cycle:
- To set the alert, press the **alert** button for 3 seconds to enter setting mode. The indoor temperature and the upper/lower pointers will flash. Press the "+" or "-" buttons on the unit to select the desired channel; press **alert** to confirm the channel selection.

- The upper pointer and temperature will begin to flash. Enter the desired upper limit temperature by pressing the "+" or "-" buttons; press **alert** to confirm the upper setting.

- The lower pointer and temperature will begin to flash. Enter the desired lower limit with the +/- buttons; press **alert** to confirm and exit the temperature alert mode.

- When the temperature reaches the limit of the preset alert, the pointers and the temperature begin to flash and an alarm will sound. Press any key to stop the alarm. The temperature will continue to flash until it warms or cools from the alert setting.

Clock and Calendar Setting:

- To activate the clock/calendar setting feature, hold the **"set"** button for 3 seconds to enter the clock mode. Use the "**+**" or "**-**" buttons on the back of the unit to adjust the settings. Press the **"set"** button to confirm each setting. The settings will be in the following sequence:

- 12/24 hour; hour; minute; hour offset-allows time to be set ahead (to maintain correct time, keep at 0); year; the day and month.

Alarm Setting:

- Hold the **clear** button for 3 seconds. Press "**+**" or "**-**" to enter the desired time in hours and minutes. Press **clear** again to confirm the setting when the alarm should sound.

- A bell will appear in the time panel to show that the alarm is activated. To view the alarm set time, press the **clear** button while in the normal operating mode. The alarm time will display for 5 seconds and then resume to normal clock mode.

- When alarm time has been reached, the unit will sound an alarm for 1 minute. During the snooze mode, the alarm will repeat every 10 minutes.

- To turn the alarm and snooze alarm off, press the "**+**" button while in normal operating mode.

TROUBLESHOOTING

- The main unit may display "---" if outside interference is occurring. Most of the time the unit will re-sync on its own, or by bringing the sensor closer to the main unit. However, if this should continue to occur, the following may also be the reason:
  A. Low battery indicator(s).
  B. The sensor has been placed outside of the effective transmission range (more than 100 feet).
  C. Sensor may have outside interference that is preventing proper transmission (metal surfaces, electrical devices, etc). The sensor may need to be moved if interference continues.

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