

# NU-600, NU-650

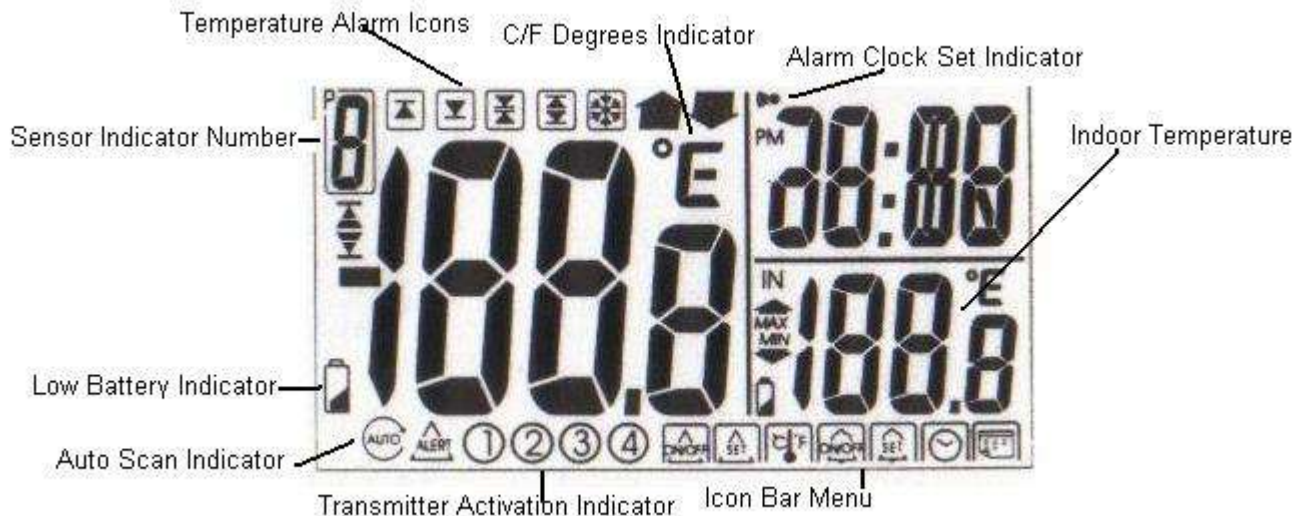
## Wireless Air/Water Thermometer



The NU-600 is a state-of-the-art multichannel product that enables you to monitor temperature and ensure protection against many types of temperatures that can cause damage to your home, business, animals, and agriculture. With its retractable probe located in the remote sensor, it can be used to monitor water temperature in pools and spas.

The main station is capable of linking up to 4 different wireless sensors that detect temperature at any desired location. The temperature measured is transmitted back to the main unit by Radio Frequency (RF) that is protected with a security code to avoid any interference in surrounding areas.

The main station for the Wireless Air/Water Thermometer has many features and indicators that show the status and selection of various functions on the unit and its remote sensors.



### Icon Bar Menu Selection:

To activate the Icon Bar, press the Icon right arrow. (Because the bar is only displayed for three

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seconds, it may be necessary to repeat procedures until you are familiar with the process)

## Temperature Alert Setting:

1. Press Chan/Auto button to select location, if necessary
2. Press Icon Right Arrow and select Alert Set Icon
3. Press Return and with Icon Right Arrow, select the desired Temperature Alarm Icon. Hit Return and use the Max/Min buttons to set the temperature. Hit Return to store in memory.
4. To set the Temperature Alarm, press the Icon Right Arrow and select the On/Off Icon. Press Return to toggle between On and Off. Note: The circle around the Transmitter Activation Indicator will be displayed if the alarm is activated.

## Setting Remote Temperature Alarm on or off

To set temperature alarm, press the Icon Right Arrow and select the on/off icon. Press Return key to toggle between On and Off. Note: The circle around Transmitter Activation Indicator will show an activated alarm.

Note: Any button will silence the alarm, however, the alarm remains set until deactivated.

## Degree C/F Selection

1. Press the Icon Right Arrow and select the C/F Icon by pressing return
2. Press return again to toggle between C and F

## To Turn Clock Alarm on or off

1. Press Icon Right Arrow and select Alarm On/Off icon.
2. Press Return to toggle the alarm on or off as displayed by the Alarm Clock Set Indicator

## Setting Clock Alarm Time

1. Press the Icon Right Arrow and select the Alarm Set icon and press Return.
  2. Use Max/Min Buttons to select hour, pressing return to set it in memory.
  3. Use the Max/Min Buttons to select the minutes, pressing return to set it in memory.
- Note: Any button will silence the alarm, but the alarm remains set till deactivated

## Clock Setting

1. Press Icon Right Arrow and select the Clock Set Icon and press return
2. Use the Max/Min buttons to choose 12/24 hours and press return to set
3. Use Max/Min buttons to set hours and minutes, pressing return after first setting the hours and then the minutes

## Calendar Setting

1. Press the Icon Right Arrow and select the calendar set icon and press return
2. Use the Max/Min buttons to select the Month and press return
3. Use the Max/Min buttons to set the day and press return.
4. Use the Max/Min buttons to set the day of the week and press return.

## Troubleshooting:

The NU-600 uses 433Mhz frequency and is limited to a maximum of 100 feet by the FCC in terms of

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range as to not interfere with other devices in your area. Listed below are some items to check to insure your unit is operating correctly and effectively.

1. Make sure Main Station unit is not in the Min/Max Mode (Hit return to clear)
2. To Improve range and reliability:
  1. Mount remote transmitter at least three feet off the floor or ground.
  2. If transmission is still unstable, determine if there is any other interference from cordless phones, alarm systems, electromagnetic fields such as motors nearby, or any other electric noise.
  3. Test the transmission range by depressing the TX button on the remote transmitter. The Main station should give a confirmation beep if they are linked up and in range.
  4. Change the orientation of the transmitter to the main station for optimum performance. Move the transmitter or receiver 90 degrees. Test transmission until optimum performance is reached.
  5. The main station works best when in a vertical position. This helps create a ground plane which improves reception.
  6. Place the main station close to the remote sensor when possible.
3. Make sure the batteries in the remote sensor transmitter and main station are good. Use only alkaline or lithium batteries. (More reliable below 10 degrees F)
4. Try using a different channel on the remote transmitter.
5. Transmission collisions can be avoided by removing the battery on the transmitter and relinking when more than one remote transmitter is used with a single main station. If the transmissions are occurring at the same time, or overlapping, the main station will have trouble determining the signal. Normally the remote transmitters transmit every 30 seconds when there is a change in temperature. If different sensors are transmitting at the same time, transmission errors can occur.
6. If you are having trouble linking remote transmitter to the main station, make sure to firmly press the TX button on the transmitter for 3 seconds. You should receive a confirmation beep if the main station and remote sensor are communicating.
7. Splicing the sensor wire will have little effect on the temperature reading if the same or larger wire is used.

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