

WeatherWatch™

Wireless Indoor/Outdoor Thermometer



Photograph of Base Station and Transmitter

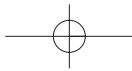


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Caution:

Please read this manual before operating your unit

1. These units are sophisticated electronic devices. To ensure their proper operation and the best possible performance, please read this manual carefully.
2. Choose the installation locations of your units carefully. Avoid placing the Base station in direct sunlight or close to any source of heat. Also avoid placing the Base station in locations that are subject to vibrations, excessive dust, cold temperatures and moisture.
3. These units may be subject to interference from external sources such as transformers, electric motors or other

electronic devices. To avoid distortion created by such sources, it is advised that you place the units as far away as possible from them.

4. Do not, under any circumstances, open the cabinets of these units. To do so may result in damage to the units. If any foreign object enters the units, contact customer service for assistance.
5. Do not apply excessive force when using any of the switches or controls.
6. Do not attempt to clean the units with a chemical solvent as this might damage the finish. Use a clean, dry cloth.
7. Please be sure to read the "Problem Solving" section of this manual for advice on common operating errors before concluding that your units are faulty.
8. Always keep this manual in a safe place for future reference.

About Your Thermometer:

Your WeatherWatch™ Wireless Indoor/Outdoor Thermometer allows you to monitor indoor and outdoor temperatures from any room in your home.

You simply place your WeatherWatch™ Transmitter in a desired remote location (e.g. outside your home, in your garden, etc.) and your WeatherWatch™ Base Station anywhere within an approximate range of 250' (e.g. in your bedroom, in your kitchen, etc.).

The Transmitter then measures the remote temperature and

sends the reading via advanced radio technology to your Base station so you can conveniently keep track of the temperature in your selected remote area. You can monitor up to 3 remote locations with each Base Station for greater versatility (extra Transmitters are sold separately).

Base Station Features:

Radio Transmitted Temperatures

No cumbersome probes or cables to limit your freedom. Remote Transmitter sends temperature readings to your indoor Base station located anywhere in your home.

250 Ft. Range

Receive remote temperature measurements 250 ft. away from Transmitter.

Monitors up to 3 Remote Locations

Receives and displays temperature from up to 3 remote Transmitters (1 is included).

Wide Temperature Range

Temperature range of -50°F to 158°F. Note: the Base station has been designed for indoor usage only.

Large Easy-to-Read Display

Displays indoor and remote temperatures in large easy-to-

read numbers.

High/Low Temperature Alarm

Set a high and low temperature range for each Transmitter location. You will be alerted if a temperature goes out of the preset range.

Fahrenheit or Celcius

Choose to have display temperature in Fahrenheit or Celcius with the °C / °F button.

Wall Mountable

Base station stands on its own or can be easily wall-mounted.

Battery Powered

Use 4 "AA" batteries to power your base station. Please check the battery compartment for correct battery orientation.

FCC Approved

FCC part 15 low power device.

Transmitter Features

(Temperature and Temperature/Humidity)

Powerful 315 MHZ Digital Signal

Transmits a dependable radio signal to your Base station. ClearCode™ anti-interference technology ensures accurate, distortion-free transmission.

250 Ft. range

Transmits remote temperature readings to a Base station up to 250 feet away.

Transmitter works over a wide temperature range

This unit operates over a temperature range of -50°F to 158°F. Durable, weatherproof construction.

Transmitter displays remote temperature

Displays remote temperature in large, easy to read numbers, while sending the readings to the Base station.

Transmitter displays remote humidity

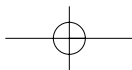
(Temperature/Humidity transmitter only)

Displays remote humidity in large, easy to read numbers. 20% to 90% relative humidity range.

Transmission Indicator

Transmission icon on display shows that radio transmission is occurring normally.

Low Battery Indicator



Indicator icon on display lets you know when batteries need to be changed.

Fahrenheit or Celcius

At the touch of a button, you can select to display temperature readings in Fahrenheit or Celcius.

3 Position Location Switch

Allows you to use up to 3 Transmitters with each Base Station.

Extendable Waterproof Temperature Sensor

45" Sensor can be extended from Transmitter's body to measure the temperature of swimming pools and other hard to reach places.

Wall mount

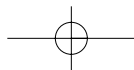
Transmitter stands on its own or can be easily mounted on a wall with the included wall mount.

FCC approved

FCC part 15 low power device with AC adapter power (included)

Getting Started With Your Thermometer

A. Powering Your Base Station



1. Install Batteries

Install 4 "AA" batteries into the battery compartment.

B. Setting Up Your Base Station

1. Choose Fahrenheit or Celcius

You may push the C°/ F° button at any time to change all temperature readings to Fahrenheit or Celcius. The Base Station is preset to display readings in Fahrenheit.

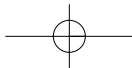
2. Set Temperature Alarms

Minimum and maximum temperature targets may be set for each temperature location. The Temperature Alarm will sound when the temperature of a location goes below the minimum or above the maximum temperature targets for that location. To set the temperature alarms, refer to Use of Temperature Alarms in the GENERAL OPERATIONS section of this manual.

3. Placement of Base Station

Your Base Station can stand upright or be mounted on a wall via the wall mounting hook located on the back of the Base Station.

Note: your Base Station and Transmitter(s) communicate via radio waves. Certain large metal objects (e.g. garage door, aluminum siding, etc.) may cause interference. If you find that the Transmitter(s) communicate well with the Base Station when near each other, but not when further apart, changing the location of the Base Station or Transmitter(s) can solve the problem (see Problem Solving).



C. Setting Up The Transmitter

1. Select Transmission Channel

The first step in setting up your Transmitter involves the selection of a location number. To monitor more than one remote location, you must give each Transmitter its unique location number (1, 2, or 3) so that the Base Station can tell them apart.

Press the button on the back of the transmitter to select a remote location numbers for each Transmitter. A location number will display on the Transmitter LCD. Continue to press the button to step to each location available.

2. Install batteries

Install 2 AA batteries according to the orientation shown in the Battery Compartment. While holding the batteries in place, turn the unit over and check that the Transmitter is displaying a temperature. You may need to wait up to a minute for it to read and display the initial temperature.

If no temperature is displayed after 1 minute, see the "Problem Solving" section of this manual.

Use AA lithium batteries for longer battery life and better performance in cold temperature conditions.

3. Select Fahrenheit and Celcius

The temperature shown on the Transmitter display can be in Fahrenheit or Celcius (Fahrenheit is the factory setting). To select either unit of measurement, push the °C/°F button until your preference is shown. Your Base Station will display temperature in the unit of measurement you select on the Base Station no matter which temperature you select on the

Transmitter.

4. Adjust length of Extendible Temperature Sensor

Your Transmitter measures temperature at the metal probe end of the 45" Temperature Sensor. The Temperature Sensor can be used fully extended, partially extended or not extended at all. The length is adjusted by storing any excess wire in the Battery Compartment of the Transmitter. When not extended, the probe end conveniently snaps into the housing at the bottom of the Transmitter.

6. Test for transmission and reception

Before installing the Transmitter in its permanent location, test that the Transmitter is communicating properly with the Base Station.

Wait for a few minutes and check that the temperature reading is being displayed on the Base Station and the Transmitter in the right location, and.

7. Select location and mount Transmitter

- (i) Select the temperature location(s) that you want to monitor. Make sure that the Temperature Sensor can reach its intended location, and avoid placing the Transmitter next to metal objects that may affect transmission range (e.g. garage door, aluminum siding, etc.).
- (ii) Your Transmitter can be mounted in three orientations with the included wall bracket and screws (included).

At temperatures of -10°F or below, the Transmitter's LCD display may not show the temperature but temperature measurement and transmission will continue to -40°F.

General Operations

Viewing temperature locations

The Temperature Locations area of the Base Station display shows a list of all transmitters that are sending temperature readings to the Base Station. The upper display area shows the Active Temperature Location. Pressing the Scroll Key left or right will change the active location.

Your WeatherWatch™ Thermometer indicates that transmission is occurring and if the batteries are low.

Transmission Indication - Transmission between the Transmitter and the Base Station is indicated in 2 ways: (i) the Radio Transmission Indicator located on the Transmitter display shows an icon; and (ii) the temperature of the monitored location is displayed on the Base Station display.

Should the transmission cease, the display will become blank for that monitored location.

Low Battery Indication - Notification that your Transmitter batteries are low will occur via 1 or both of the following ways: (i) the Low Battery Indicator icon becomes visible on the Transmitter display; and/or (ii) temperature for a particular location is no longer displayed on the Base Station display. Instead, that area is blank.

Daily High and Low Temperatures

The Base Station keeps track of the lowest and highest temperatures that it receives over the day for each location.

Using Temperature Alarms

Your WeatherWatch™ Base Station has 1 temperature alarm for each location (4 total). A flashing LED and an audible beeping alarm.

Problem Solving

Situation:

My Base Station does not show remote temperatures.

Solution:

- (i) Reset the Base Station's computer controlled electronics by removing and re-installing the batteries.
- (ii) Check that the batteries are properly installed in the Transmitter(s) and the Radio Transmission Indicator is visible on the Transmitter display.

Situation:

The LCD display on my Transmitter is blank.

Solution:

- (i) Check that fresh batteries have been properly installed in the Transmitter.
- (ii) The LCD display can withstand cold temperatures, but if the temperature drops below 10°F, the Transmitter's LCD display may not show the temperature. Do not be alarmed! Measurement and temperature transmission will continue and the temperature readings will become visible again when the temperature rises above 10°F.

Situation:

How do I add more Transmitters to my WeatherWatch™ Thermometer system?

Solution:

(i) Your WeatherWatch™ Base Station can Base Station temperature readings from up to 3 separate WeatherWatch™ Transmitters. To set-up each additional Transmitter, please follow the instructions included with each Transmitter.

(ii) Make sure that each additional Transmitter

that each Transmitter is assigned its own individual location number (1,2,or 3).

For example: if you have 2 Transmitters, designate the first Transmitter as Location 1 and the second Transmitter as Location 2

Information to User - FCC Notice

The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (i) this device may not cause harmful interference, and (ii) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for 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 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: (i) re-orient or relocate the receiving antenna, (ii) increase the separation between the equipment and Base Station, (iii) connect the equipment into an outlet on a circuit different from that to which the Base Station is connected, and (iv) consult the dealer or an experienced radio/TV technician for help.