WeatherSmart™

Indoor/Outdoor Thermometer Transmitter

Photograph of Transmitter

Contents:

Caution:
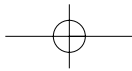
Read this before operating your unit

1. This unit is a sophisticated electronic device. To ensure proper operation and the best possible performance, please read this manual carefully.

2. The unit 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 unit as far away as possible from such sources.

3. Under any circumstances, do not open the housing of this unit. To do so may result in damage to the unit. If any foreign object enters the unit, contact customer service for assistance.

4. Do not apply excessive force when using any of the switches or controls.

5. Do not attempt to clean the unit with a chemical solvent as this might damage the finish. Use a clean, dry cloth.

6. Please be sure to read the "Problem Solving" section of this manual for advice on common operating errors before concluding that your unit is faulty.

7. Always keep this manual in a safe place for future reference.

About Your Transmitter:

Your WeatherWatch™ Transmitter works with a WeatherWatch™ Thermometer Base Station. The Transmitter measures remote temperature and sends the reading via

advanced radio technology to your Base Station so you can conveniently keep track of the temperature in a selected remote area. You can use up to 3 Transmitters with each WeatherWatch™ Thermometer Base Station.

Please follow this manual for the proper set up, use and care of this revolutionary product.

Transmitter Features:

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.

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 needs to be changed.

Farenheit or Celcius

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

3 Position Location Switch

Allows you to use up to 3 Transmitters with each Base Station. 2-channel selection avoids interference with other WeatherSmart™ Thermometers in your neighborhood.
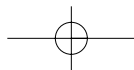
Extendable Waterproof Temperature Sensor

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 mounts on a wall with included wall mount.

FCC approved

FCC part 15 low power device.

Getting Started With Your Transmitter

Setting Up Your 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 locationavailable.

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 Cable Compartment of the Transmitter. When not extended, the probe end conveniently inserts into the lower housing of the Transmitter.

Put the probe end of the Temperature Sensor in the lower housing of the Transmitter before bundling the wire into the Cable Compartment.

5. Snap close Battery Compartment

Once you have installed the batteries, selected °C/°F readings, and chosen your desired length of the Temperature Sensor wire, closing the Battery Compartment Door and install lower rubber base, allowing the shorter antenna wire to hang down from the unit.

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 by firmly holding the Transmitter's probe with your fingers.

Wait for a few minutes and check that: (i) the temperature reading is being displayed on the Base Station and the Transmitter in the right location, and (ii) that the displayed

temperature changes as your fingers warm the probe.

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 trans-
mission range (e.g. garage door, aluminum siding, etc.).

(ii) Your Transmitter can be mounted in three orientations
with theincluded wall mount bracket and screws   .

At temperatures of -10°F or below, the Transmitter's LCD dis-
play may not show the temperature but temperature mea-
surement and transmission will continue to -50°F.

Viewing Temperature

The temperature at each remote location is displayed on the
Transmitter's LCD display. This allows for convenient on-the-
spot temperature reference.

Transmission and Low Battery Indication

Your WeatherSmart™ Thermometer indicates that transmis-
sion 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 dis-
played on the Base Station display.

Should the transmission cease, the display will be 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.

Adding More Transmitters

Temperature and Temperature/Humidity

You may use up to 3 WeatherWatch™ Transmitters with each WeatherWatch™ Thermometer Base Station. Adding more Transmitters is simple. Simply follow the set-up steps described on page X, making sure that each Transmitter is assigned a different number between 1 and 3.

PROBLEM SOLVING

Situation:

My Base Station does not show remote temperatures.

Solution:

(i) Remove and re-install batteries.

(ii) Check that the batteries are properly installed in the Transmitter(s) and the Radio Transmission Indicator is visi-

ble on the Transmitter display. (Displays once every minute for a few seconds)

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 WeatherSmart™ Thermometer system?

Solution:

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

(ii) Make sure that each additional Transmitter is assigned its own individual location number (1,2,3 or 4).

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 Stationis connected, and (iv) consult the dealer or an experienced radio/TV technician for help.