

Trouble-Shooting (continued)

Transmission Collision

Signals from other household devices, such as doorbells, home security systems and entry controls, may interfere. This is normal and does not affect the general performance of this product. The transmission will resume once the interference ceases.

Precautions

This Wireless Thermometer with Remote Sensor is engineered to give you years of satisfactory service if you handle it carefully, following these guidelines:

1. The receiver is intended for indoor use only. It is not sealed against moisture and could be damaged if used outdoors.
2. Do not immerse the unit in water. If you spill liquid on it, dry immediately with a soft, lint-free cloth.
3. Do not clean the unit with abrasive or corrosive materials. This may scratch plastic parts and corrode electronic circuits.
4. Do not subject unit to excessive force, shock, dust, temperature or humidity. This may result in malfunction, shorter electronic life span, damaged battery or distorted parts.
5. Do not tamper with the unit's internal components. Doing so will invalidate the warranty on this product and may cause damage. The unit contains no user-serviceable parts.
6. Do not mix old and new batteries.
7. Always read the instruction manual before operating this product.
8. Do not dispose of batteries in fire. Batteries may explode or leak.

Specifications

Range of temperature measurement:

Receiver unit (indoor only): 23°F to 122°F (-5°C to 50°C)

Remote unit: 4°F to 140°F (-20°C to 60°C)*

Transmission: Max. 30M (100 ft), open area, RF434 MHz

Resolution: 0.1 degree for temperature

Battery life: 1 year (alkaline batteries recommended)

One Year Warranty

This product is warranted against defects in materials or workmanship for one (1) year from date of original purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/or repair.

Should this product require service (or replacement at our option) while under warranty, do not return to retailer. Please pack the item carefully and return it prepaid, along with store receipt showing date of purchase and a note explaining reason for return to:

Taylor Precision Products

2220 Entrada Del Sol

Las Cruces, New Mexico 88001

Customer Service Phone: 1-828-684-5178

www.taylorusa.com

There are no express warranties except as listed above. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Made to our exact specifications in China.

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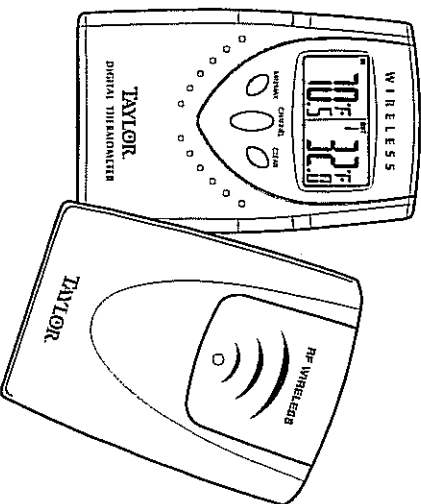
TAYLOR

1431 / 1468

Digital Wireless Temperature System

Indoor / Outdoor Thermometer
with Remote Sensor

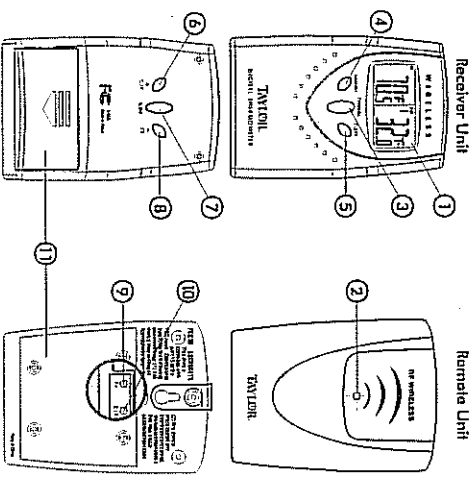
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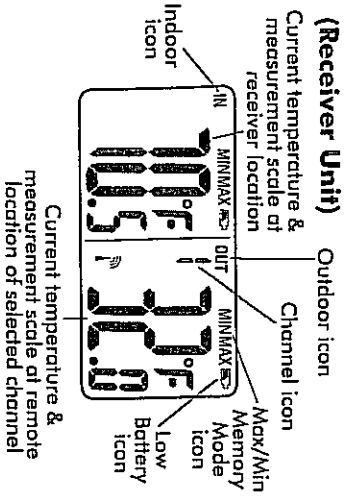
Instruction Manual

Congratulations on your purchase of the Taylor® Digital Wireless Temperature System: Indoor/Outdoor Thermometer with Remote Sensor. This state-of-the-art measurement instrument is engineered and designed to meet the highest quality standards...to assure you uncompromising accuracy and consistently dependable, convenient performance. In order to optimize its function, please read this instruction manual carefully before use...and keep it handy for future reference.

Description of Parts



Display Information



Place the receiver unit as close as possible to the remote unit. This will ensure easy synchronization between the transmission and reception of signals as you set up your wireless thermometer. After set up is completed, position the receiver unit and remote unit within effective transmission range.

Note: The effective range is vastly affected by the building materials and where the receiver and remote units are positioned. Try various set ups for the best results. Shorten the distance between receiver and remote units when necessary.

How To Set Up Your Wireless Thermometer

Main Features & How to Access Functions

1 - LCD Display

Receiver unit displays the temperature readings of up to three remote sensors (with additional remote unit purchases; see Battery Installation in How To Set Up Your Wireless Thermometer section of this manual) and indoor temperature of its location.

2 - LED Indicator (Remote Unit)

Flashes when remote sensor transmits a reading.

3 - Channel Button (Receiver Unit)

Press to select channel 1, 2, or 3 to display remote temperature. Hold 3 seconds to delete current channel. Dashes will replace channel setting. This wireless thermometer system is built with random security code technology. When batteries are installed in the first remote sensor, the receiver unit will learn its transmission code and automatically log in on channel 1. Channels 2 and 3 will be registered in the same way if additional sensors are used. The receiver can monitor up to 3 separate sensors (Taylor Model 1436, sold separately).

4 - Min/Max Memory (Receiver Unit)

Press and release to view daily high temperature for 5 seconds. Press and release again to view daily low temperature for 5 seconds.

5 - Clear Button (Receiver Unit)

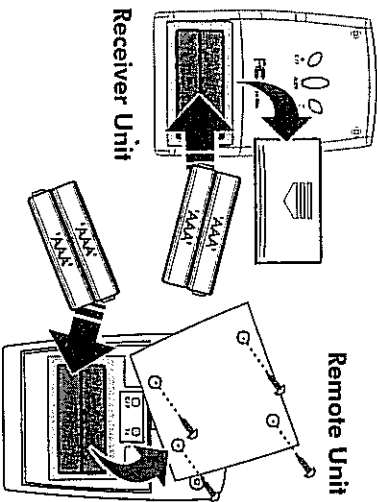
To delete Max/Min Memory record, press while the respective values are displayed on the readout.

Important: Though the remote unit is weather proof, it should be placed away from direct sunlight, rain, snow and should never be submerged in water.

Battery Installation (Receiver Unit)

For the initial installation, insert the batteries into the receiver unit first, then the remote unit:

1. Remove the battery compartment cover, located on the back of the unit.
2. Insert 2 AAA alkaline batteries as indicated by the polarity symbols marked inside the battery compartment.
3. Replace the battery compartment cover.



Main Features (continued)

6 - "F" C/F Button (Receiver Unit)

Hold 3 seconds to set temperature measurement to F° or C°. In Temperature Alert Setting mode, press to set upper limit of temperature range.

7 - Alert Button (Receiver Unit)

Turns the temperature alert function on or off. Press and hold for 3 seconds to enter temperature alert setting mode.

8 - "V" Button (Receiver Unit)

Auto scroll between temperature displays for Channels 1, 2, and 3 when multiple remote sensors are in use. In Temperature Alert Setting mode, press to set lower limit of temperature range.

9 - C/F Button (Remote Unit)

Press to select F° or C° temperature scale. **Note:** Temperature scale selected on remote unit will control what is displayed on the receiver.

10 - Tx Button (Remote Unit)

Press to send a transmission signal to receiver unit.

11 - Battery Compartment

The receiver unit and the remote unit each require 2AAA Alkaline batteries (see Battery Installation in How To Set Up Your Wireless Thermometer section of this manual).

Battery Installation (Remote Unit)

1. Loosen the 4 screws that secure the battery compartment cover and then remove the cover.

Note: Maximum of 3 remote sensor units can be registered. One sensor unit is included, others (Taylor Model 1436) may be purchased separately.

2. Insert 2 AAA alkaline batteries as indicated by the polarity symbols marked inside the battery compartment.

Important: When the temperature falls below freezing point, the batteries of outdoor units may freeze, lowering their voltage supply and effective range. Use Lithium batteries to insure operation below 10°F (-12° C).

3. Press the C/F button to select the desired temperature measurement scale.

4. The remote will automatically send a transmission to the receiver. The red LED indicator light will flash when a signal is transmitted. This wireless thermometer is built with random security code technology. The receiver will learn the transmission code of the first remote sensor and automatically record it as Channel 1. If additional sensors are used, Channel 2 and Channel 3 will be registered in the same way, once their batteries are installed. Remote unit temperature updates will then be transmitted at 2 minute 30 second intervals.

Note: If dashes are still displayed on the receiver unit, press the Tx button to send a transmission.

5. Replace the battery compartment cover and tighten screws.

How to Read Temperatures

- The right half of the receiver display will show the temperature of one remote unit (set to Channel 1). If more than one remote unit is set, simply press the Channel button on the receiver unit until it correlates to the designated channel of the second/third remote location(s).
- The left half of the receiver display will show indoor temperature at its location.
- To view low/high daily temperatures (Max/Min Memory) press MIN/MAX button on the receiver unit (see Features & How to Access Functions section of this manual).
- When the batteries on the receiver unit are low, the Low Battery indicator icon will light up on the display. Follow the steps for Battery Installation in the How To Set Up Your Wireless Thermometer section of this manual.

Note #1: When replacing batteries in the receiver unit, please also remove batteries from the remote sensors and re-install the batteries. This allows the random security code technology to assign the remote sensor channels again. Then press and hold the TX button for 3 seconds to send a new transmission signal.

Note #2: When replacing batteries in the remote unit, remember to clear the corresponding channel of the receiver unit by 1) pushing the channel button to select the respective channel; 2) holding the channel button for 3 seconds to clear the registration.

Temperature Alert

Your wireless thermometer system has a temperature alert feature. The receiver will sound an alarm when the temperature of a remote location goes above or below a specified temperature range. To program and use the temperature alert operation:

1. Press and hold the Alert button for 3 seconds to enter Temperature Alert Setting mode. The Upper/Lower arrows will flash. (If more than one remote sensor is in use, first press "Channel" to select the desired channel, and then press "Alert" to confirm the channel selection.)
2. Press the "+" button to reach the desired upper temperature limit. Press "Alert" to enter the limit. The Lower arrow will flash.
3. Press the "-" button to reach the desired lower temperature limit. Press "Alert" to enter the limit. Temperature alert range setup is complete.
4. When the temperature reaches the limits of the programmed temperature range, an alarm will sound while the Upper/Lower arrows and the temperature of the channel flash.
5. Press any key to stop the alarm.

To purchase additional Remote Sensors (Taylor Model 1436), please call (800) 481-8180 or visit <http://store.taylorusa.com>.

Trouble-Shooting

Disconnected Signals

If the receiver unit does not receive a transmission from a remote unit channel for 1 hour, the display will show dashes. To correct this problem:

1. Go to the remote location of that channel to check that the unit is properly positioned, within the appropriate transmission range.
2. If new batteries are faulty on the initial installation, install fresh batteries. If you did not notice the Low Battery icon warning and the product performed correctly after initial set up, the batteries have lost their charge. Replace batteries (see steps for Battery Installation in the How To Set Up Your Wireless Thermometer section of this manual).
3. Check to make sure the transmission path is clear of obstacles and interference.

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 receiver.

Modifications not authorized by the manufacturer may void users authority to operate this device.