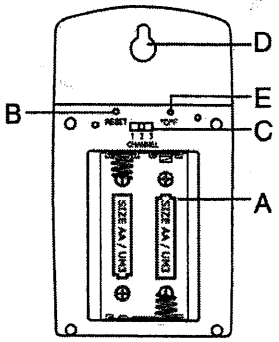
(MANUAL FOR TS03-C & TS13-C)

External sensor

USER'S MANUAL

Remote Sensor



LED Control Light
Flashes once when remote unit transmits a reading and twice when the batteries are low.

A Battery Compartment
Accommodates 2 Mignon batteries (1.5V, Type AA).

B Reset Button
Resetting of all functions after changing the channels.

C Channel Selector
Channel is to be selected before batteries are installed.

D Wall Mount Hole
For mounting the sensor on the wall.

E °C/°F Switch
Selects between Centigrade (°C) and Fahrenheit (°F)

Installation of Batteries
1. Open the battery compartment at the rear of the sensor. Remove the 4 screws on the battery cover.
2. Select the desired channel: 1, 2 or 3.
   Note: If you wish to use more than one remote sensor, each sensor must be designated a separate channel.
3. Insert 2 Mignon batteries (1.5V, Type AA) in the battery compartment making sure to respect the correct plus/minus order as shown inside the compartment.
4. Close the battery cover and fix with screws.

Low Battery Warning
When capacity of batteries of the remote sensor is low, a crossed battery symbol will appear in the display of the main unit. Please replace the low batteries with new ones.

How to Use the Table Stand or Wall Mount
The remote sensor can also be stood or hung on the wall. The maximum range of the radio signal is 100 feet (30 meters). It is reduced, however, when the radio signal is interrupted by a wall, a window or the like. Depending upon the material and angle involved, the range can be reduced down to just a few meters. Different positioning of the sensor and main unit should be tested in order to obtain an optimal location for both units before deciding upon a final position.

The housing of the sensor is weather proofed.
We recommend, however, that both units be placed out of direct sunlight and protected against rain and snow.

Interrupted Radio Signal Transmission

If the main unit does not register signal reception from the remote sensor " ••.- ". will appear in the display of the main unit. In this case press ▼ button for 2 seconds there by synchronizing the main unit and the remote sensor. If this fails and data is still not received please check the following:

1. Whether the remote sensor is still in place.
2. Whether the batteries of the main unit and of the remote sensor are still functioning and change if necessary. Note: at low temperatures, especially with frost, the voltage of the batteries in the outdoor remote sensor can be greatly reduced. This can result in a reduced transmission range.
3. Whether the transmission is within range and path is clear of obstacles and interference. Shorten the distance when necessary.
4. Signals from other household devices such as computers, TV, security systems, etc. may interfere with the radio signals of this unit. If necessary, please relocate weather station and sensor(s).

Specifications

Radio signal transmission range max. 100 feet (30 meters) in open field

- Measured outdoor temperature range: -4°F to 144°F 0.1F resolution
- Relative Humidity range: 25% RH to 90% RH (for TS23C, TS33C)

General:

- Transmission frequency: 433MHz
- Power supply : 2 Mignon-batteries (1.5V, Type AA)

Remote Sensor: 55x101x24mm and 60g (w/o batteries)

Precautions:

- Under the environment with radio frequency interference, the sample may malfunction and require user to reset the sample.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/ TV technician for help.