

FT013T Wireless 8 Channel Thermo-hygrometer with Min/Max Display User Manual

1 Introduction

Thank you for your purchase of FT013T Wireless 8 Channel Thermo-hygrometer with Min/Max Display. The following user guide provides step by step instructions for installation and operation.

2 Getting Started

 **Note:** The power up sequence must be performed in the order shown in this section (remote transmitter(s) first, Display Console second).

The FT013T weather station consists of a display console (receiver), and a thermometer (remote transmitter).

2.1 Parts List

QTY	Item
1	Thermometer transmitter (FT013T) Dimensions (LxHxW): 50 x 68 x 20mm

2.2 Recommend Tools

Hammer and nail for hanging remote thermometer transmitter.

2.3 Thermometer Sensor Set Up

1. Remove the battery door on the back of the sensor, as shown in **Figure 1** .

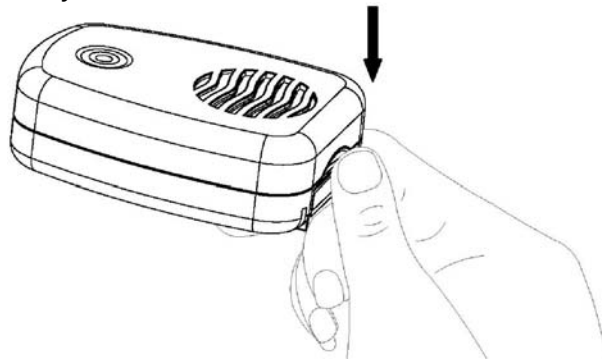


Figure 1

2. Insert two AAA batteries as shown in Figure 2.

 **Note:** To avoid permanent damage, please take note of the battery polarity before inserting the batteries.

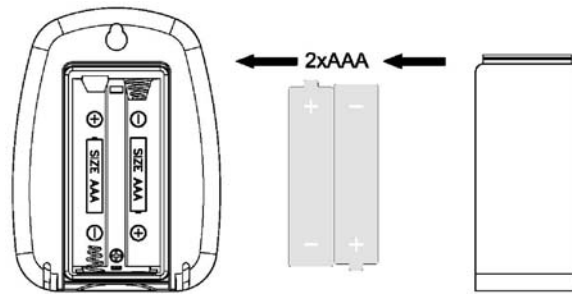


Figure 2

3. Close the battery door as shown in **Figure 3**. Make sure the gasket (around the battery compartment) is properly seated in its trace prior to closing the door.

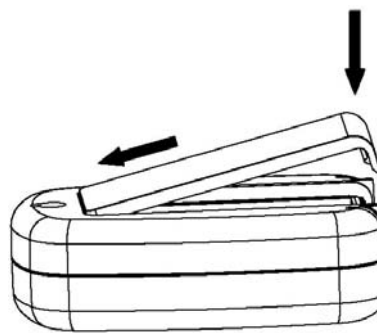


Figure 3

4. After inserting the batteries, the remote sensor LED indicator will light for 4 seconds, and then flash once per 60 seconds thereafter, as shown in Figure 4 (note that the LED is underneath the plastic).

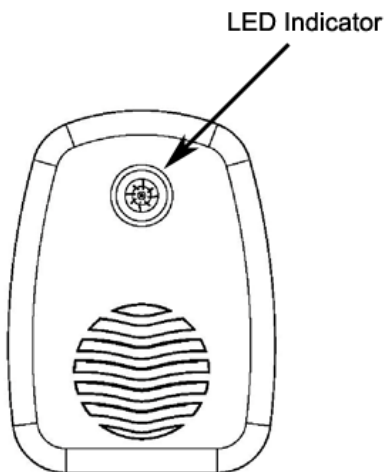


Figure 4

3 Specifications

5.1 Wireless Specifications

- Line of sight wireless transmission (in open air): 100 meters, 30 meters under most

conditions.

- Frequency: 433.94 MHz
- Update Rate: 60 seconds

5.2 Measurement Specifications

The following table provides specifications for the measured parameters.

Measurement	Range	Accuracy	Resolution
Outdoor Temperature	-40 to 60°C	$\pm 1^{\circ}\text{C}$	0.1°C

5.3 Power Consumption

- Remote sensor : 2 x AAA 1.5V Alkaline or Lithium batteries
- Battery life:
Minimum 12 months for thermometer sensor

6 FCC Statement

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.

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

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.