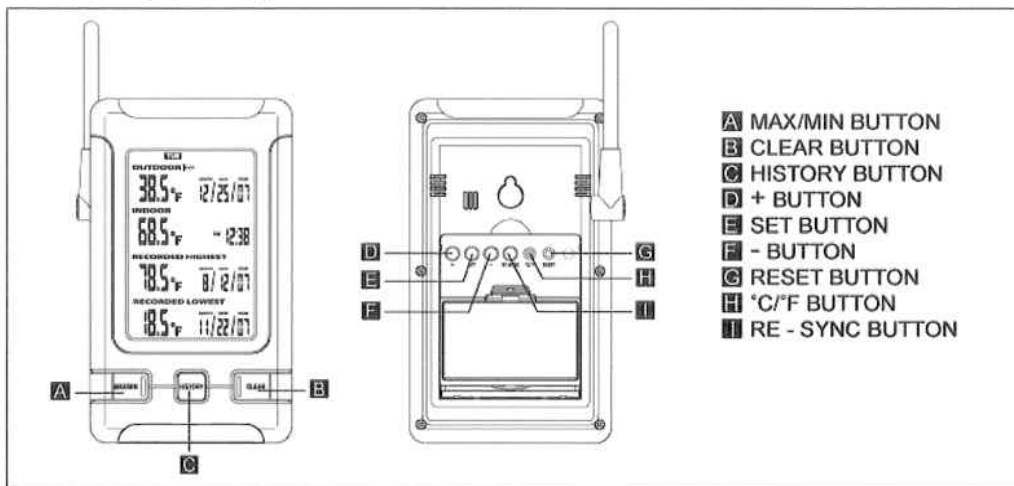


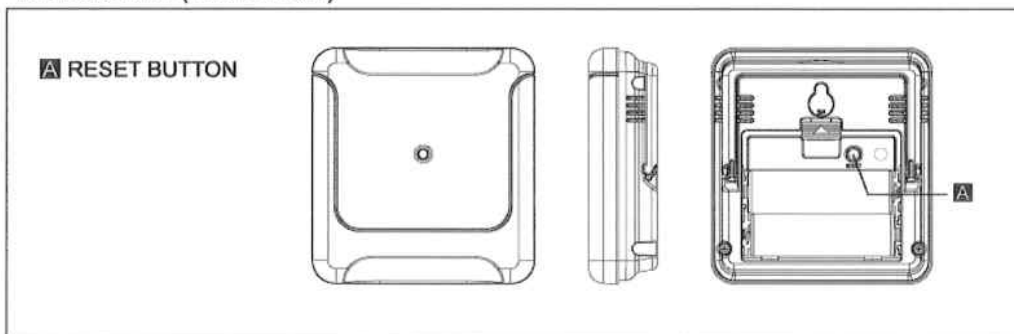
INSTRUCTION MANUAL

Locations of Control

Main Unit (Receiver)



Remote Unit (Transmitter)



- The configuration of your product may differ somewhat from that shown in the illustration.
- "AA" or "AAA" size battery. This product may use more than one piece of battery. Please refer to the engraved battery marks inside the battery compartment for the correct battery type.

Feature

- 5 years daily MAX/MIN record
- Recorded HIGHEST and Recorded LOWEST of outdoor temperature
- Calendar with day of the week display
- 12 or 24-hour format
- Indoor temperature and outdoor temperature
- Centigrade or Fahrenheit readout
- Indoor temperature measurement range from -4°F ~ 158°F (-20°C ~ +70°C)
- Outdoor temperature measurement range from -58°F ~ 158°F (-50°C ~ 70°C)
- Temperature resolution 0.2°F (0.1°C)
- Clock operation temperature from 32°F ~ 122°F (0°C ~ 50°C)

Before You Begin

To ensure proper functioning of the wireless thermometer, please follow this set up procedure.

- Insert batteries for the main unit (Refer to section of **Battery Installation**) and set the unit (Refer to section of **Set the Clock**) until the INDOOR temperature shown on display
- Place the main unit as close as possible next to the outdoor unit and insert batteries for the outdoor unit.
- Position the outdoor unit and main unit within effective transmission range, which in usual circumstances is 100 to 150 feet.

Note that the effective range is affected by the building materials and where the main and outdoor unit are positioned, try various setup for the best results.

Battery Installation

Battery Installation of the main unit

- Open the battery door
- Remove whole set of old batteries
- Load full set (2pcs AA size battery) of new batteries in polarity (+) and (-) as indicated
- Close the battery door
- Press RESET button once

Battery Installation of the Outdoor Unit

- Open the battery door
- Remove whole set of old batteries
- Load full set (2pcs AA size battery) of new batteries in polarity (+) and (-) as indicated
- Close the battery door
- Press RESET button once

Warning : Do not mix old and new batteries
Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel cadmium) batteries.

Do not touch any other button or setting on your main unit. It will automatically receive the outdoor temperature after batteries inserted.

Getting Started

Upon power up of the main unit (or pressing the RESET button), the calendar of the unit will flash, the calendar and time MUST be set before use.

After calendar and time is set, the main unit attempts to search the RF temperature signal for 5 minutes after power up (or pressing the RESET button), if the RF signal is received within the first 5 minutes after power up of the main unit, the temperature will shown on the outdoor temperature display, otherwise it will showing blank "--.-°F".

After the outdoor unit temperature is shown on the outdoor temperature display, the synchronization of main unit and outdoor unit is established, place the outdoor unit outside in a shaded, dry area to protect it as if under an umbrella.

If the RF temperature signal is not received within the first 5 minutes, press the RE-SYNC button on the main unit, the main unit will attempt outdoor temperature for another 6 minutes.

Set the Clock

To Set the Calendar

- Press and hold SET for couple of seconds to enter set mode.
- Press + or – button sequentially to set year
- Holding down either + or – button change the year at high speed
- Press SET button to confirm year set and goes to date set
- Press + or – button sequentially to set date
- Holding down either + or – button change the date at high speed

To Set the Time

- Press SET button after calendar set mode.
- Press + or – button sequentially to set minutes, when you press the + or – button once, the seconds count reset to 00.
- Holding down either + or – button change the time at high speed.
- Press SET button after desire time set and goes to time format set mode.
- Press + or – button to toggle between 12hr and 24 hr time display format.
- Press SET button to confirm and quit the set mode.

Check INDOOR / OUTDOOR Temperature

The indoor temperature is displayed on the INDOOR temperature field and the outdoor temperature will be shown on the OUTDOOR temperature field.

Maximum and Minimum of Temperature

The maximum temperature of indoor and outdoor will be shown on corresponding field when MAX/MIN button pressed, the MAX icon will be shown on INDOOR and OUTDOOR field.

Press again the button will make the unit show the minimum temperature of indoor and outdoor, the MIN icon will be shown on INDOOR and OUTDOOR field.

To clear the memory, press CLEAR button when the maximum or minimum temperature records are shown.

5 Years History

The unit will store the daily MAX/MIN records of outdoor temperature for up to 5 years.

- Press HISTORY button for couple of seconds until the calendar flashing
- Press + or – to set the desire YEAR and then press HISTORY
- Press + or – to set the desire MONTH and then press HISTORY
- Press + or – to set the desire DATE and then press HISTORY
- The MAX/MIN record of the OUTDOOR at the specific date will be shown on display for 5 seconds.
- If there is no record for the desire date, --.-°C or --.-°F will be shown.
- The 5 years data will be retained even battery removed or RESET pressed.

Last Year Today History

- Press of the HISTORY button will show the daily MAX/MIN record of the same date last year.
- Press again will shown the MAX/MIN record of outdoor temperature of two year ago.
- Maximum of 5 year before today record can be shown.
- The 5 years data will be retained even battery removed or RESET pressed.

Recorded HIGHEST and Recorded LOWEST

- The recorded highest and recorded lowest of the outdoor temperature will be always shown on LCD
- If the received temperature is higher than or lower than the recorded highest and recorded lowest, the record will immediately update.
- The data will be retained even battery removed or RESET pressed.




Note : Because of the RECORDED HIGHEST and the RECORDED LOWEST is stored with date, so the calendar MUST be set correctly before use of the unit.

Display Unit

The default unit for temperature is °F, press °C/°F button will toggle the display unit of temperature between °C and °F.

Receiver Stage Indicator

The RF signal indicator in the base unit outdoor temperature window will show the following:

	NO SIGNAL DETECTION
	SIGNAL DETECTION
	SUCCESSFUL RECEPTION

Losing Synchronization of the Wireless Thermometer

If the base unit displayed a proper outdoor temperature in the past but now displays blank "--", the outdoor unit and the main unit may have lost synchronization. If this occurs, press the RE-SYNC button of the main unit. The main unit will attempt outdoor temperature reception for another 6 minutes and reinitiate synchronization with the outdoor unit. If the outdoor temperature cannot be received, check:

1. The distance of the main unit or outdoor unit should be at least 3-4 feet away from any interfering sources such as computer monitors or TV sets.
2. Avoid placing the main unit onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speaker operating on the same signal frequency (433MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operation on the 433MHz signal frequency can also cause interference.

Note: When the 433MHz signals is received correctly, do not re-open the battery cover of either the outdoor unit or the main unit, as the batteries may spring free from the contacts and force a false reset. Should this happen accidentally then reset both unit otherwise transmission problems may occur.

The maximum transmission range is 150 feet from the outdoor unit to the main unit (in open space). However, this depends on the surrounding environment and interference levels. The temperature signal travels in a straight line from the outdoor unit to the clock. The signal will not curve around blocking object. If no reception is possible despite the observation of these factors, all unit have to be reset.

Interference

Signals from other household devices, such as entry controls, door bells and home security systems, may temporarily interfere with the units and cause reception failure. This is normal and does not affect the general performance of the product. The transmission and reception of temperature reading will resume once the interference has stopped.

Trouble Shooting / FAQ (Frequent Ask Question)

There is no outdoor temperature shown on the unit?

A : Press the RE-SYNC button on the main unit and the outdoor temperature will shown within minutes. If no temperature is shown after 6 minutes of RE-SYNC button pressed, the outdoor unit is either too far away of there is some interference between the outdoor and main unit. Bring the outdoor unit to the main unit and re-synchronizes. Then move the outdoor unit to a new location closer and in direct line with the main unit.

The outdoor temperature is reading 105°F when the temperature is in the 60°F

A : The outdoor unit is in direct sunlight. Move it to a shaded protected area.

Care of Your Clock

- Avoid exposing your clock to extreme temperatures, water or severe shock.
- Avoid contact with any corrosive materials such as perfume, alcohol or cleaning agents.
- Do not subject the clock to excessive force, shock, dust, temperature or humidity. Any of these conditions may shorten the life of the clock.
- Do not tamper with any of the internal components of this clock. This will invalidate the warranty and may cause damage.

Correct Usage of the Batteries

- Use 4 new AA batteries
- Do not mix standard and rechargeable batteries
- Do not mix new and old batteries
- When the low battery mark "⌘" appears on the display, replace all batteries with new ones, when the low battery mark "⌘" appears on the OUTDOOR temperature field, replace all batteries of outdoor unit with new ones.

Specification**Temperature Operation Range**

Receiver : 0°C to +50°C
32°F to 122°F

Transmitter : -20°C to +60°C
-4°F to 140°F

Receiver : every 32 seconds

Transmitter : every 16 seconds

Temperature Checking Interval

Receiver : every 32 seconds

Transmitter : every 16 seconds

Transmission Distance: maximum 150 feet in open field, depending upon surrounding structures, mounting location and possible interfering sources.

Power Source (Alkaline batteries recommended)

Receiver : 2 "AA" batteries, 1.5V batteries

Transmitter : 2 "AA" batteries, 1.5V batteries

Battery life : about 12 months

Dimension (L x W x H)

Receiver : 83 x 31.9 x 145 mm

Transmitter : 75 x 22.5 x 82 mm

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 the 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.



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