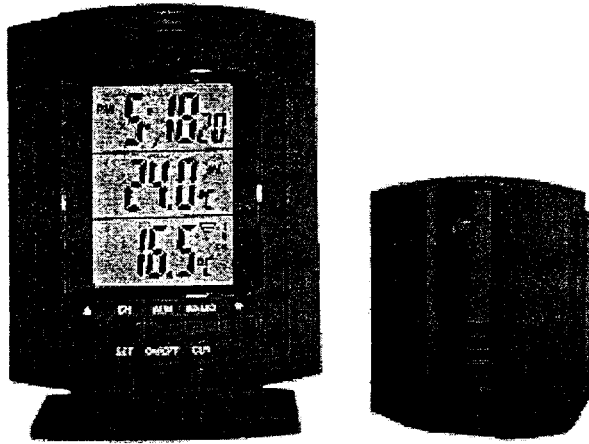


# Wireless Indoor / Outdoor Thermometer with Digital Alarm Clock



Instruction Manual

## Features:

- Wireless indoor and outdoor thermometer.
- Waterproof wireless outdoor sensors.
- Support up to 4 remote sensors.
- RF Transmission and Reception with 418MHz(USA)/433MHz(EUROPE).
- Remote sensor up to 30meter (100 feet) reception range.
- Temperature alert with user's selectable upper and lower limits for each sensor.
- C° Celsius or F° Fahrenheit temperature reading selectable
- Digital alarm clock with snooze function.
- 12/24 hours display mode selectable
- Low battery warning for main unit and remote sensors.
- Operated by 2 x AA alkaline batteries for main unit and 2 x AA alkaline for remote unit

## Batteries installation in the main unit and remote unit

### Main unit

1. Slide opens the battery compartment door
2. Insert two AA alkaline batteries in observing the correct polarity
3. Replace the battery compartment door

### Remote unit

1. Take off from the wall mounting holder
2. Use a Philips screwdriver to unscrew the battery door
3. Insert two AA alkaline batteries in observing the correct polarity
4. Screw back the battery door

**Note:** the remote unit is preset at channel 1. Should you have more than one remote unit, you have to set the channel to indicate location of your desired temperature reading from 1 to 4 respectively. Please make sure the unit is to hold upright and away from any metal object.

When the low battery indicator shows on the display, please remove the exhausted batteries and replace with the fresh batteries immediately for best operation.

Please make sure that the position of main unit and remote unit are located within the effective transmission range, which, in usual circumstance, is less than 75 to 100 feet.

## Setting up

1. Once batteries are in place for the main and remote units, they will start transmitting sampling roughly at 30-seconds intervals.
2. By pressing the **CHANNEL/SET** key to test the remote sensor reception.
3. The wave icon on the main unit will keep scrolling when the signal is being searched.
4. The main unit will immediately update its temperature reading at 30 seconds interval. The LED on the remote unit will be flashing to indicate the signal of temperature transmitting.

**Note:** The wave icon become steady if signal is good. However if no signal is received in 3 minutes, please relocate the remote sensor to another position. If the signal is missing for 3 minutes, the main unit will search for the sensor again. If the signal still cannot be found, the wave icon and reading will be disappeared.

## Indoor Temperature

The indoor temperature is shown on the middle line of the display

## Outdoor Temperature

The outdoor temperature is shown on the bottom line of the display from a remote sensor

## Maximum and Minimum Temperatures

The minimum and maximum recorded indoor/outdoor temperatures and those of each channel will be automatically stored in memory. To display them,

1. Press **MEM/CLR** (memory/clear) key once to show maximum (MAX) display, then press again to show minimum (MIN) temperature display respectively.
2. Press and hold for two seconds to clear the maximum and minimum records

## To Set Centigrade C° or Fahrenheit F°

This model has two types of temperature reading in centigrade or Fahrenheit. Remove the battery compartment door at the back of the main unit, and then just press the **C/F** button to change C or F at the back inside of the battery compartment.

## To Set Upper or Lower Temperature Limits

1. Press and hold the **'CHANNEL/SET'** key for two seconds to enter set mode
2. Press **'CHANNEL/SET'** key once to flash the temperature channel
3. Press **'▲ / ▼'** key several times to set the desired channel (IN 1,2,3,4), then the temperature and channel indicator will be flashing
4. Press **'CHANNEL/SET'** key several times until the 'HI' and temperature digit is flashing
5. Press **'▲ / ▼'** key to set the desired temperature
6. Press **'CHANNEL/SET'** key again to set the lower limit, then 'LO' and temperature digit will be flashing
7. Press **'▲ / ▼'** key to set the desired temperature
8. The **'HI/LO'** will show on the display to indicate the limit is set

**Note:** as soon as the temperature is set, press the **'MEM/CLR'** key to clear the limit when temperature is flashing. This will turn the corresponding alert off.

## To Set Temperature Alert Off

1. Once the **'▲ / ▼'** temperature limit is set to reach the limit, there will be alarm sound for two minutes.
2. The alarm sound is to turn off by pressing any key buttons.
3. Press the **'MEM/CLR'** key to clear the alert completely until new setting is established.

#### To Set Clock Function

1. Press and hold the 'CHANNEL/SET' key for two seconds to enter the set mode
2. The time digits will be flashing, then press '▲ / ▼' key to set the desired time
3. Press and hold down the '▲ / ▼' key for fast setting
4. Press 'CHANNEL/SET' key again to confirm time set

*Note: this model is 12/24-hour version selectable. Remove the battery compartment door at the back of the main unit, press 12/24 once to switch to 12 or 24 hour as you wish.*

#### To Set Alarm Function

1. Directly press '▲ / ▼' key to set the alarm, then press and hold the ▲ or ▼ key for fast alarm setting
2. Press the 'ALM & ON/OFF' key to turn on or off the alarm
3. The alarm will sound for two minutes if no key is pressed
4. The alarm can be stopped by pressing any keys
5. The alarm will activate again in next 24 hours
6. The 'SNOOZE' function is to allow you extra eight minutes sleep when you press the 'SNOOZE' button

#### Specification

##### Main Unit

Indoor Temperature Measurement

Display in temperature range : 0 to + 50° C (+32°F to + 122°F)

Proposed operating range : 0 to + 50°C

Temperature resolution : 0.1° C or 2° F

##### Remote Temperature Measurement

Display in temperature range : -20 to + 65° C (-4 to 149° F)

Proposed operating range : -20 to +60°C (-4 to 140° F)

Temperature resolution : 0.1° C or 2° F

RF Transmission Frequencies: TX/RX 418/433MHz

RF transmission range : 30 meters or 100 feet

Transmission cycle : 30 seconds interval

Number of remote unit : Supporting To Maximum of 4

Remote sensor with water resistance design structure

#### Power

Main unit : use 2 pcs UM-3 or AA 1.5V alkaline batteries

Remote unit : use 2 pcs UM-3 or AA 1.5V alkaline batteries

#### Unit size

Main unit : 100mm(W)x140mm(H)x30mm(D)

Remote unit : 65mm(W)x80mm(H)x35mm(D)

#### FCC Statement

It is possible, yet highly unlikely, that even your properly operating radio may cause interference to other radios or televisions. If the interference goes away after you turn off your radio, it is the cause. Here are some tips to help eliminate the interference:

- Rotate or relocate the radio.
- Increase the distance from the equipment being interfered with.
- Contact the manufacturer of your equipment for assistance.

If you cannot eliminate the interference to devices in other households, the FCC requires that you stop using your radio until the interference can be eliminated.