WIRELESS THERMOSTATION
INSTRUCTIONS FOR USE

View from the back of the base unit

Wall-mounting notch

°C/°F button

Reset button

Battery compartment
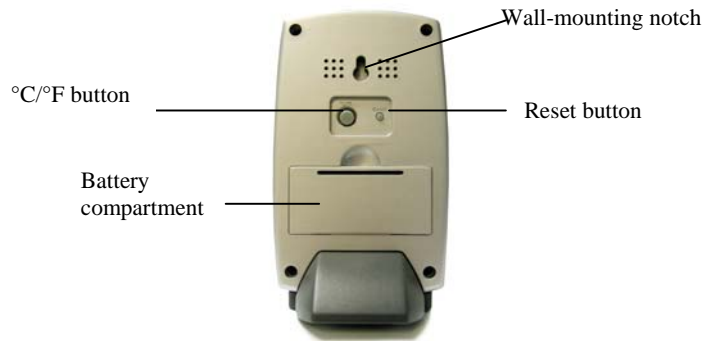
SAFETY INSTRUCTIONS

Warning
Batteries are extremely dangerous when swallowed.
Therefore keep batteries and devices out of the reach of small children. If a battery has been swallowed seek immediate medical advice. The cells supplied must not be recharged, reactivated by any other means, is-mantled, exposed to an open flame, or short-circuited.

-Although the thermometer sender is weather-proof, please be sure that it is not placed where it will be exposed to rainfall and direct sunlight.

-Do not use abrasive or caustic cleaning agents to clean the base station or sensors. Doing this may damage the surface or lead to corrosion of electronic parts.

-Furniture today is often coated with a wide range of varnishes and plastics and is treated with various substances. Therefore, it cannot be fully ruled out that some of these substances contain components that can damage or soften the rubber feet. If necessary, put the base station on something that will not slip.

- If a sensor is exposed to very low temperatures for an extended period of time, the batteries may lose power, which may cause the transmission range to be limited. Higher temperatures also reduce battery performance.

USING THE THERMOMETER FOR THE FIRST TIME

! **Set up the sensor for use first so that the base station can receive a signal immediately.**

Using the sensor for the first time
1.Remove the sensor from its holder by gently lifting the holder up and carefully pushing it back.

2.Unscrew the battery compartment screw and lift off the cover.

3.Insert two of the batteries included with purchase. Ensure correct polarity +/-as shown in the compartment.

4.Replace the cover and tighten the screw.

Using the base station for the first time
1.Open the battery compartment on the rear of the base station.

2.Insert two of the batteries included with purchase. Ensure correct polarity +/-as shown in the compartment.

3.Close the battery cover.

After inserting the batteries, the current room temperature is displayed.
The base station now tries to pick up signals from sensors for 3 minutes.

If no signal is detected, bars are shown on the display.

As soon as the base station has detected a sensor signal, one beep tone is emitted. The base station display then shows the temperature value received from the sensor.

If reception is lost before the time can be set, then place the base station, which has better reception, such as, near a window. Press the **R** button on the rear of the base station. This will restart the search for signals from sensors.

BASIC THERMOMETER SETTINGS
You can make the following settings on your thermometer:
~ Display temperature in Celsius (°C) or Fahrenheit (°F)
~ Setting the time
~ Date
~ Language for displaying day of the week:
    D=German
    E=English
    F=French
    I=Italian
    S= Spanish

Selecting Centigrade or Fahrenheit scales
To have the temperature displayed in Centigrade or Fahrenheit, press the °**C**/°**F** button on the rear of the base station.

Clock Setting
- Hold "Snooze/Mode" key to go into Clock Setting Mode;
- Press "Hour" key to increment hour digit and "Min" key to increment min digit; Press "Remote/AM/PM" key to clear second digit
- Press "Year/Alarm" key at clock display mode, the second digit will toggle between second display and weekday language display;
- Press "Remote/AM/PM" key to clear second digit if showing second digit; or, to change the language display by pressing "Remote/PM/AM" key. The sequence is E – D – F – I – S (English, German, French, Italy, Spanish)
- Press "Snooze/Mode" key to cease the setting and back to clock display
- Press "Remote/AM/PM" at clock display mode to change between 12/24 hr display

Date setting
- Press "Snooze/Mode" key twice more after Clock mode can reach Date, Month and Year setting
- Display method is Date – Month – Year
- Press "Hour" key to increment Month digit and "Min" key to increment Date digit and "Year/Alarm" to increment Year digit.
- Weekday will change according to the setting of date, month and year

TIPS: Clock display modes HH:MM:SS or HH:MM + Weekday by pressing "Year/Alarm" key

INSTALLATION OR WALL-MOUNTING

The base station
Choose a location for placing the base station, which is not exposed to sunlight.
Before final mounting of the base station, check if the unit is picking up a signal which is not being impaired by parts of the building. If the signal is poor, choose a different place for mounting the base station.
The notch on the back of the station allows you to mount the unit on the wall.
Place the base station on the stand supplied with the unit.

Sensor
Select a location for placement of the sensor, which is not exposed to direct sunlight or rain.
You may mount the sensor on a wall-mount unit or place it on a tabletop holder.
To set up the sensor, fold out the stand on the back of the holder.

Range
- Place the sensor within a radius of up to 30 m of the base station.
The reception range depends on the physical properties of the building where the base station is used. Steel-reinforce walls, for example, reduce the reception range.

- Do not place it near the floor or ceiling, as this reduces the transmission range.

- At very low temperatures below freezing, the battery output may drop considerably and thus the transmitting range may be temporarily reduced.

- Please bear in mind that the actual range of the sensors depends on the materials used in constructing the building as well as where they are placed.

- Consider testing different locations.

MINIMUM AND MAXIMUM TEMPERATURES

The base station saves measured minimum and maximum temperatures from each sensor and also the room temperature reading since initial use or since the temperature was last erased.

Call-up data

Press the **HOUR/MAX** button once to display the saved maximum temperatures of the currently displayed sensor at the base station. **MAX** is displayed to the left of the temperature. To display the saved minimum temperature, press the **MINUTE/MIN** button. **MIN** is displayed to the left of the temperature.

To display the current temperatures again, press the **HOUR/MAX** button once more or press **MINUTE/MIN**.

Clear data

To clear the saved minimum and maximum temperatures, press and hold the **HOUR/MAX** button or the **MINUTE/MIN** button for approx.3 seconds. You will hear a beep tone and the values are deleted.

DISPLAYS

Each time you press the **SNOOZE/MODE** button, this switches from one display mode to the next in the order described.

Mode 1:
1. Outside temperature
2. Hours, minutes, weekday in selected language (local time) (By pressing **YEAR/ALARM** button
3. Room temperature

Mode 2:
1.Outside temperature
2.Alarm: hour, minute (based on local time)
3.Room temperature

Mode 3:
1.Outside temperature
2. Day, Month, Year
3. Room temperature

ALARM FUNCTIONS

Setting alarm times
1.To enter the Alarm mode press the **SNOOZE/MODE** button once from Clock mode, the symbol for Alarm is shown at the display.
2.Press the **HOUR/MAX** button to set hours.
3.Press the **MINUTE/MIN** button to set minutes.
4. Press the **REMOTE/AM/PM** button to toggle between AM and PM.
5.To activate the alarm, press the **YEAR/ALARM** button of the base station. You will hear a beep tone and **ON** is displayed on the display next to Alarm.
6.Press the **SNOOZE/MODE** button to save your setting, and a bell-shape icon will show at clock display to indicate the alarm is set.

Turning off the alarm signal
If Alarm have been activated the alarm signal will go off at the time set.

-Press any button to shut off the alarm signal. The alarm will go off again the next time the alarm

time is reached.

-Pressing the **SNOOZE/MODE** button will program the alarm to go off about 5 minute later.

-If no button is pressed to shut the alarm off, the alarm will continue to sound for about two minutes.

Turn off the alarm feature

1.To turn off Alarm setting, press the **SNOOZE/MODE** button twice from Clock mode until the symbol for Alarm is shown at the bottom of the display.

2.Press the **YEAR/ALARM** button. The **ON** displayed next to Alarm goes out.

Manually registering a senor

If contact with the sensor and base station is not established automatically, register the sensor with the base station manually

- Press the **REMOTE** button and hold for 3 seconds. The "symbol" starts to flash and the base station confirms your setting by sounding an audible tone.

- As soon as the base station has detected a sensor signal, one beep tone is emitted. The base station display then shows the temperature value received from the sensor.

- There are 3 synchronization stages: Receiving, Synchronized and Lost signal stage. Different symbols represent different stages as follows:

Stages	Symbols
Receiving	
Synchronized	
Lost signals	No symbol shown, and the temperature data of remote channel will be flashing

- It is recommended to place the transmitter and receiver together during synchronization process. If the red indicator of transmitter flashes and the data is shown onto the receiver, this process is considered to be successful; otherwise, it is recommended to repeat this process.

CHANGING THE BATTERIES

If the battery symbol is displayed next to the Clock display, then the base station batteries have run dry.

If the battery symbol is displayed next to the temperature display for a sensor, then the sensor batteries have run dry.

We recommend using alkaline batteries. You will need two AAA batteries (LR03) for the base station.

Batteries must be properly disposed of. For this purpose all shops selling batteries provide battery collection boxes on their premises. Used batteries can also be disposed of at public waste collection facilities.

Changing the batteries in the base station will cause all settings to be erased.

After changing the batteries on the base station, it will find existing sensors automatically.

After changing the batteries in a sensor, you must register sensor at the base station again as described in chapter "Manually registering a senor ".

CARE AND MAINTENANCE
Protect the base station and sensor from dust, impacts, extreme temperatures and direct sunlight. If needed, wipe it with a dry cloth.
Do not expose the base station to any moisture.
The sensor is protected against humidity. If you want to mount it outdoors, look for a protected place that is not directly exposed to sunlight or rain.

TROUBLESHOOTING
5The sensor signal is not being received
-Are the station and sensor batteries working properly?
If the sensor is exposed to temperatures below freezing for longer periods of time, this may affect battery performance and the range of reception. At higher temperatures, the original battery output is retrieved.

-Has the sensor been set up within the 30 m perimeter for reception?
Note that the actual range of the sensors depends on the materials used for the building as well as the relevant position. Consider testing different locations.

-Is the station too close to a television set or computer monitor?
Try changing the location of the station.

-Other devices employing radio transmission such as garage door openers, alarm systems or wireless headphones may temporarily cause reception to be poor. However, reception of the temperature signals is resumed once the disturbance is over.

-Have you changed the batteries in the sensor?
You have to register the sensor with the base station again.

5The temperature shown by the base station does not match the sensor temperature
There is a different radio transmitter nearby. Perhaps your neighbour owns a similar device. Change the house code setting to ensure that only the signals from those sensors you have set up are displayed.
1. Open the battery compartment of the sensor.

2. Press the **House Code** button in order to change the transmitter house code, and it can distinguish with other transmitter. It is highly recommended if interference is experienced.

3. Select a house code from 1 to 15 by pressing the **House Code** button from 1 to 15 times respectively, and LED will flash according to indicate number you press and your selection. Then the signals based on the new house code will send and the LED indicator flashes after 20 seconds later without further modification made.

TECHNICAL SPECIFICATIONS

Power supply for base station:	2 x 1.5 V batteries AAA
Base station measurement range:	-9.9 °C to +55 °C
Measures to:	0.1 °C
Transmission frequency:	433.92 MHz
Range:	maximum of 30 m

Time display format:	24 hr
Weekday display:	5 languages (German, English, French, Italian, Spanish)

We reserve the right to make technical and design changes when improving the product.