OPTIONS

Min-max alarm thermometer with External Sensor (RT8103MAE)

FEATURES

- Tri-display for current, minimum and maximum temperature
- Programmable low and high alarm limit
- External temperature display
- °C /°F Exchange
- Low battery indication
- Waterproof external sensor
- Foldaway stand
- Magnet attachment and velcro magic tape fixing

SPECIFICATION

Measurement range	0~50°C / 32~122°F (internal)
	-50~70°C / -58~158°F (external)
Display accuracy	±1°C / ±1.8 °F over full range
Display Resolution	0.1°
Battery	3 volt size CR2032 x 1 piece (included)
Battery life	About 8000 hours
Display reading update	10 seconds
External sensor	3 meters
Display Size	46(W) x 22(H) mm
Product size	80(W) x 52(H) x 17(D) mm
Accessories	1) External sensor cord x 1 piece. 2) Sensor holder x1 piece.
	3) Suction cup x 1 piece. 4) Velcro magic tape x 1 piece
	5) CR2032 battery x 1 piece

INSTALLATION

1. Use sensor holder to fix external sensor at desired outdoor space.
2. Plug external sensor into unit.
3. Open the battery cover and insert the battery.
4. The thermometer unit will perform a self-test and display readings normally after 5 seconds.
5. Place the unit at the place away from direct sunlight, rain or extreme heat.
6. Peel off display protective sheet.

OPERATION

LOW AND HIGH ALARM LIMIT SETTING

1. Press [MODE] to enable alarm setting.
2. Press [LO↑] to set low alarm limit*.
3. Press [HI↑] to set high alarm limit*.
4. Press [MODE] to return to normal display.
5. When the current reading is lower or higher than the alarm limit the alarm will sound.
6. To stop the alarm sound press any button once. The "LO" or "HI" icon will still be flashing until the current reading is within the alarm limit.
7. Press [🔔] to disable or enable the alarm function.
* Holding down the button will increase the value automatically.

RESET MINIMUM (MIN) AND MAXIMUM (MAX) READING MEMORY

1. In MIN-MAX display mode, press [MIN-RESET] to reset minimum reading.
2. Press [MAX-RESET] to reset maximum reading memory to current reading.
3. Reset the memory once before taking new minimum or maximum reading.

INTERNAL/EXTERNAL TEMPERATURE DISPLAY

Press [INT/EXT] button to select external temperature display.

SELECT THE TEMPERATURE UNIT

Press [°C/°F] to change temperature unit.

NOTE

1. If the low battery symbol "⊟" appears, please replace the battery with the same type.
2. If the thermometer is not in use for a long period of time, please remove the battery from battery compartment to avoid battery leakage.
3. **ERROR SYMBOLS**

Symbol	Description	Action required
⊟	Low battery voltage	Replace the batteries with the same type
LLL	1) Sensor open circuit	1) Return the thermometer for repair
	2) The reading is out of low range (-50°C)	2) Keep the measurement above low Range
HHH	1) Sensor short circuit	1) Return the thermometer for repair
	2) The reading is out of high range (70°C)	2) Keep the measurement below high range