

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 [Δ] 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 2) The reading is out of low range (-50°C) | 1) Return the thermometer for repair 2) Keep the measurement above low Range |
| HHH | 1) Sensor short circuit 2) The reading is out of high range (70°C) | 1) Return the thermometer for repair 2) Keep the measurement below high range |