



**KATMR20DIGA**

# **USER MANUAL**



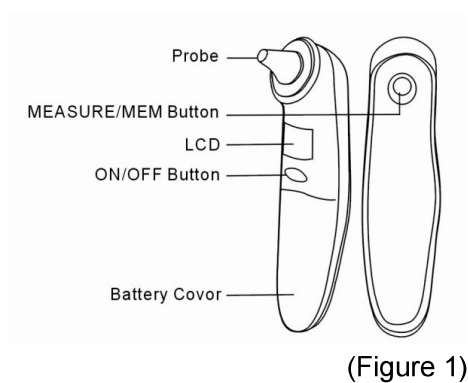
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# INFRARED EAR THERMOMETER INSTRUCTION MANUAL

Thank you for purchasing an Infrared Ear Thermometer. Please read the following instructions to achieve the most accurate temperatures and safe operation. Your Infrared Ear Thermometer is intended for monitoring human body temperature in the home and is appropriate for all ages. It is less invasive than a rectal thermometer, is easier and faster than standard oral measurements and can even be used while a child is sleeping.

## 1. Method of Use

### 1) Product Diagram



### 2) Power on and off

Press “ON/OFF” button on the thermometer, the display will show all of the icons momentarily (Figure 2). After the last reading appears on the display about 2 seconds (Figure 2), the “---” mark will be displayed, the thermometer will beep along with a flashing “°C” or “°F” to indicate the unit is ready for measurement. (Figure 2)

Thermometer will automatically shut off after approximately 1 minute of non-use. User also can press the “ON/OFF” button to turn off.



(Figure 2)

### 3) Taking a Reading

Gently insert the probe in the ear as far as it goes in the direction of the eardrum and press the “MEASURE” button. The unit will beep after 1 second; this indicates the measurement is finished.

When the temperature reaches or exceeds 37.5°C, the thermometer will sound a continuous beep.

To repeat measurements, wait until the “°C” mark flashes.

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#### 4) Changing Modes

Press and hold the “MEASURE” button approx. 4 seconds, “---°C” or “---°F” appears on LCD and remove your finger from the “MEASURE” button. Then press the “MEASURE” button and toggle between the modes. The unit will automatically enter desired mode after toggling has stopped for 5 seconds.

Note: Press and hold the “MEASURE” button, when “---°C” or “---°F” appears on LCD, user should release the button immediately. If LCD displays other symbols, please turn off and then try again.

#### 5) Recalling Measurements in Memory

① Press the “MEASURE” button while the unit is off, “---M” will display and flashes on LCD.

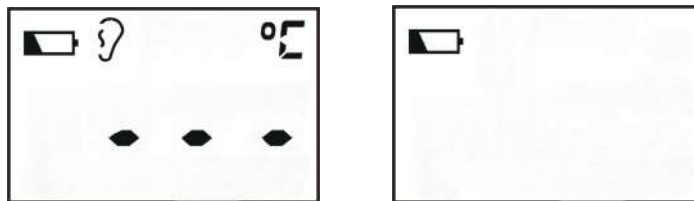
② Press the “MEASURE” button again, LCD will display the first temperature reading and symbol “---M” flashes simultaneously. Continue to press the “MEASURE” button to view the next previously stored measurements. The last 12 measurements taken are automatically stored into memory.

③ If no reading is stored, the display will read “---”, “°C”, “---M” and “---M” mark flashes.

Notes: To recall measurements, the unit must be turned off first, and then press “MEASURE” button to view measurements in memory.

#### 6) Low battery Warning

The battery needs to be replaced when the low battery warning symbol appears on the display, otherwise thermometer may experience measurement errors. When the battery power is below the minimum value, the display will show blank and the battery must be replaced before the thermometer can be used. (Figure 3)



(Figure 3)

#### 7) Beyond the measuring range

① If the temperature reading is above 43°C or 109.4°F, “H” symbol will be display and “°C” or “°F” mark will not blink. (Figure 4)

② If the temperature reading is below 32°C or 89.6°F, “L” symbol will be display and “°C” or “°F” mark will not blink. (Figure 4)

③ If the operating environment temperature is above 40.0°C or 104°F, “RHI” symbol will display and “°C” or “°F” mark will not blink. (Figure 5)

④ If the operating environment temperature is below 5.0°C or 41.0°F, “RL0” symbol will display and “°C” or “°F” mark will not blink. (Figure 5)



(Figure 5)

## 2. Handling, Storage, and Transport Environments

- 1) Operating temperature: 10.0°C-36.0°C
- 2) Measuring range: 32.0°C-43.0°C
- 3) Temperatures for storage and transport: -20.0°C- 60.0°C • <85%RH
- 4) For indoor use only

## 3. Battery Specifications and Life

Battery: 2xAAA batteries

Installation: Slide the battery cover off, insert the new battery with the positive (+) and negative (-) symbols facing the “+” and “-” symbols on the unit.

If you will not be using the thermometer for 15 days or longer, please remove the battery.

The battery can be used for more than 5,000 times' measurement, and can stand by for more than one year.

## 4. Gentle Care and Important information

### 1) To Clean and Store

- ⊙ Probe is waterproof design, user can clean the probe with wet cotton swab. Wipe off dirt on the main unit with a dry cloth; never put unit body into any liquid.
- ⊙ Avoid store the unit under bad environment temperature, such as store the unit in the car which under direct sunshine.
- ⊙ Protect the thermometer severe impact and shock. Do not touch the probe lens with fingers. Do not attempt to disassemble the unit, except to replace the battery.

### 2) Measuring Notes

- ⊙ This product is designed to avoid probe lens cover. No need to use probe lens cover.
- ⊙ Clean the probe tip before and after each use. Avoid the accumulation of sweat and cerumen (earwax) affecting the infrared measurements.
- ⊙ Do not measure temperature within 30 minutes after eating, exercise, or bathing.
- ⊙ It's better to wait at least 1 minute between successive readings. If user taking temperature continuous in a short time, temperature errors are normal. In this event, please take the average.
- ⊙ Body temperature is no absolute standard value. Please try to record personal body temperature measurement in daily life as a reference.
- ⊙ After turn on the unit or in the process of operation, if the screen displays unreadable code, please remove the batteries and re-insert them. Then switch on again to continue measurement.

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