

User Manual

Infrared Ear Thermometer

The user manual is for:

HTD8208A、HTD8208B、HTD8208C、
HTD8208D、HTD8208E、HTD8208F、
HTD8208H、HTD8208N、HTD8206C、
HTD8206D、HTD8206H

Contents

Thank you for purchase our Products. Please read this manual first before use it. It will tell you how to use it, Important safety information inside.

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1. Safety Information

- 1)、 This device must only be used for the purposes described in this instruction manual.
- 2)、 This device is not waterproof; keep the device away from water and other liquid.
- 3)、 Keep this device away from direct sunlight, keep it in clean and dry place where ambient temperature is 5-40℃(41-104° F) and the Relative Humidity is $\leq 85\%$.
- 4)、 Don't touch the Sensor by fingers, which is the most sensitive part of the device.
- 5)、 To make sure the correct measuring results, clean the earwax and other dirty things in the ear canal before measuring.
- 6)、 Some people can't use this device because of their oily ear canal or other factors.
- 7)、 Don't drop, open, repair and revise the device.
- 8)、 Keep this device away from large electromagnetic fields such as found with cordless or cell phones.
- 9)、 When problems occur with the device, please contact the retailer, don't repair it by yourself.
- 10)、 Dispose the battery according to local laws.
- 11)、 Take out of the battery to avoid battery leakage if don't use this device for a long time.
- 12)、 Don't mix the new battery and old battery to avoid damages

○ Safety Information

to this device.

Alarms:

- Keep this device out of the reach of young children.
- Don't throw battery into fire.
- Measurements made with this device can't replace a physical examination by a doctor.

2. Advantages

- Fast and Accurate: 2 seconds measuring time and the accuracy can be up to $\pm 0.2^{\circ}\text{C}$ (0.3°F).
- Easy to use: Operate with one button, very simple to use.
- Three-color backlight(color alarm): When the body temperature is normal, the backlight is Green, Yellow backlight for slight fever and Red backlight for high fever.
- Voice and sound alarm
- Without Ear cover.
- 10 memories.
- Voice function.
- Bluetooth function(Selectable)

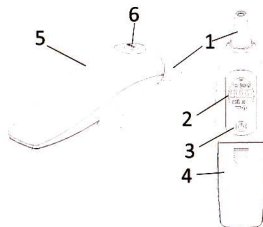
3. Usages of the thermometer

Measure the body temperature for monitoring young baby's fever, women ovulatory period and so on, can be used in hospital, community health service centers, kindergartens, family etc.

4. Description

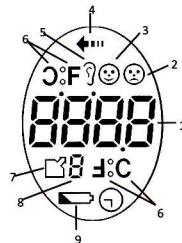
• Configuration :

- 1.Sensor
- 2.LCD display
- 3.On/Memory button
- 4.Battery Cover
- 5.ABS Shell
- 6.Measuring button



• LCD Indicator :

- 1.Digital Readout
- 2.Cry Indicator-Fever
- 3.Smile Indicator-Normal
- 4.Measuring Indicator
- 5.Ear temperature Indicator
- 6.Unit($^{\circ}\text{C}/^{\circ}\text{F}$)
- 7.Memories Indicator
- 8.Memories Number
- 9.Low battery Indicator



5. Specifications

- Operating conditions: 5-40°C (41°F-104°F), RH≤85%
- Power: DC 3V (AAA size batter x 2)
- Dimension: 160 X 36 X 45 mm (L X W X H)
- Weight: 60g (Without Battery)
- Measuring range: 34-42.9°C (93.2-109.2°F)
- Measuring Accuracy
 - 34-34.9°C:±0.3°C (93.2-94.8°F: ±0.5°F)
 - 35 -42°C:±0.2°C (95.0 -107.6°F: ±0.3°F)
 - 42.1-42.9°C:±0.3°C (107.8-109.2°F: ±0.5°F)
- Measuring time:<2seconds
- Three- color backlight (Color Alarm):
 - 34-37.3°C (93.2°F-99.1°F): Green backlight (Normal)
 - 37.4-38.0°C (99.3°F-100.4°F): Yellow backlight (Slight Fever)
 - 38.1-42.9°C (100.6°F-109.2°F): Red backlight (High Fever)
- Auto shut off: ≤30 seconds
- Storing conditions: -20-55°C (-4°F-131.0°F), Rh≤85%
- Voice function(Selectable)
- Bluetooth function(Selectable)

6. Operation

• Install battery :

Push the battery cover by the arrow, open the battery cover, insert two pieces AAA size batteries according to the "+" and "-", and close the battery cover.

⑤

○ Operation

Note:

Make sure the right positive and negative charges of the battery.

• Notes before measuring :

The correct measuring is very important, please kindly pay attention to the notes as following before measuring to avoid wrong measuring.

- 1.) If the people come from a different ambient temperature, please wait more than 5 minutes before measuring.
- 2). The ambient temperature should be stable, don't measure the body temperature in front of fans, air outlets of the air-condition etc where the airflow is floating.
- 3). To obtain stable and reliable data, you should keep the device for 30 minutes to balance its own temperature before measuring when the ambient temperature change greatly.
- 4). Suggest measure the body temperature three times and be subject to the highest value.
- 5). Please wait at least 30 seconds after 5 continuous measuring.

• Measuring Operation :

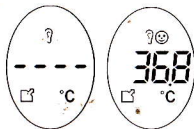
- 1). Press On/Memory button to turn on the thermometer, LCD screen will display all the digits and signals as the photos showing, and the thermometer will begin to self-check.



⑥

○Operation

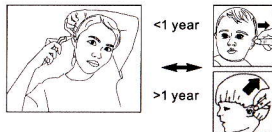
- 2).After self-checking, the LCD screen will display the last memory.



- 3).After display the last memory, the Unit begin to flash,the thermometer is ready for measuring.



- 4).If the baby is more than 1 year, please pull its ear up slightly; if the baby is less than 1 year,please pull its ear back slightly.



- 5).Gently apply the measurement probe to the ear, press the Measuring button, after a short beep sound, pull out of the thermometer and the measuring result will show on the LCD screen.

○Operation

NOTE:

- 1).If the temperature is 37.4-38.0°C (99.3°F-100.4°F), the backlight will be Yellow; if the temperature is higher than 38.0°C(100.4°F), the backlight will be Red. The Yellow and Red backlight alarm fevers, meanwhile, there will be five short beeps sound and the LCD screen will display the Cry Indicator when the people have fevers.
- 2).Make sure to get a correct measuring, please wait at least 30 seconds after 5 continuous measuring.

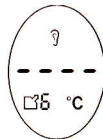
• Data memory

When the thermometer is ON, short press the On/Memory button to check the memorized data.



NOTE:

- 1).The bigger memories number, the more previous data is.
- 2).If there is not memory data, the LCD Screen will display "----".
- 3).The device can only story 10 memories, the previous data will be deleted automatically when the new data is memorized.



○Operation

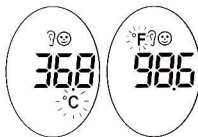
●Clear memory

When the thermometer is ON, keep pressing On/Memory button until the LCD screen display "CLR", and there will be a long beep sound, then all the memories be cleared.



●Change Units

When the thermometer is ON, keep pressing the On/Memory button and the Measuring button at the same time, the Unit will be changed.



7.Troubleshooting

Display	Possible reasons	Maintenance Suggestions
	The temperature is higher than 42.9°C(109.2°F)	Make sure the right measuring object
	The temperature is lower than 34°C(93.2°F)	Make sure the right measuring object
	Wrong operating ambient temperature	Make sure the device is in 5-40°C (41°F-104°F) operating conditions
	System Mistake	System mistake happens, the device will turn off after show all the digits and signals
	Low Battery	Please change new battery
	The operating ambient temperature is not stable	Keep the device in stable operating ambient temperature more than 30 minutes before measuring
	Blank display	Make sure the correct battery's installation and its positive and negative charges

8.Change Battery

When the battery is low, please change new batteries.

- 1).Please take out the batteries to avoid battery leaking if the device will not be used for a long time.
- 2). Please make sure the correct positioning, a mistake with this will cause damage to the device and compromise the guarantee of the device.
- 3). Never use rechargeable batteries, use only batteries for single usage.
- 4). Don't use the leaked battery and musty battery.
- 5). Keep the battery away from fire to avoid explosion.
- 6). Don't keep the battery together with the keys, coins and other metal items, which may cause short circuit.

9.Maintenance and Cleaning

1).The Sensor is the most important and fragile part of the device, please take great care of it. Make sure don't touch or press it by fingers or other items, which may affect its precision greatly.

2). Clean the thermometer with cotton swabs soaked with 70%-75% alcohol. Do not submerge the thermometer or any other liquid

3). Clean the sensor with cotton swabs soaked with a little of alcohol. Point the sensor down to prevent the alcohol from penetrating inside.

4). Protect the product from direct sunlight, humidity, dampness, dust and other contaminants

5). Do not clean the device with corrosive detergent, diluents, gas and so on. .

6). The LCD display is also sensitive part of the device, please take great care of it too.

Warranty Card

Model:

Serial No.:

Date of Purchase:

- 1.The device covers warranty for 1 year except damages by man-made factors.
2. Please read carefully the user manual before operation.
3. Free maintain wont be given under the following circumstances:
 - The damages caused by the manipulation that hasn't follow the instructions of the manual.
 - The breakdown caused by the dismantle movement of a non-authorized maintenance man.
 - The breakdown, row harm or damages because of the move or drop.
 - The damages caused by the customer inappropriate preservation, maintain or the usage.
 - The breakdown and damages caused by the force majeure.