User Manual
Infrared Ear Thermometer
Model: HTD8208C

Please read this manual before operating this device.
Important safety information inside.
Please contact us via support@agptek.com, when anything comes to your mind.

Contents

Thank you for purchase our products. Please read this manual before you use it.

1. Safety Information

1) This device is only used for monitoring human body's temperature Such as baby's fever, women ovulatory period and so on. It is limit to use in hospital, community health service centers, kindergartens, family etc.

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 the temperature is 5-40℃(41-104℉) and the humidity less than 85%.

4) Don't touch the Sensor by fingers, which is the most sensitive part of the device.

5) In order to make sure the correct measuring results, please clean the earwax and other things in the ear canal before measuring.

6) Some people can't measure correctly for 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 you don't use this device for a long time.

12) Don't mix the new battery and old battery to avoid damages to this device.

Alarms:
- Keep this device out of the reach of 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 ±0.2℃ (0.3℉).
- Easy to use: Operate with one button.
- Three-color backlight(color alarm):

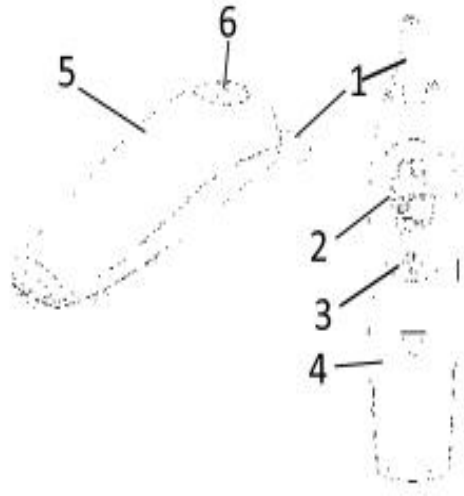| Green backlight	Normal	34-37.3℃ (93.2-99.1℉)
Yellow backlight	Slight Fever	37.4-38℃(99.3-100.4℉)
Red backlight	High Fever	38.1-42.9℃ (100.6-109.2℉)

- Sound alarm.
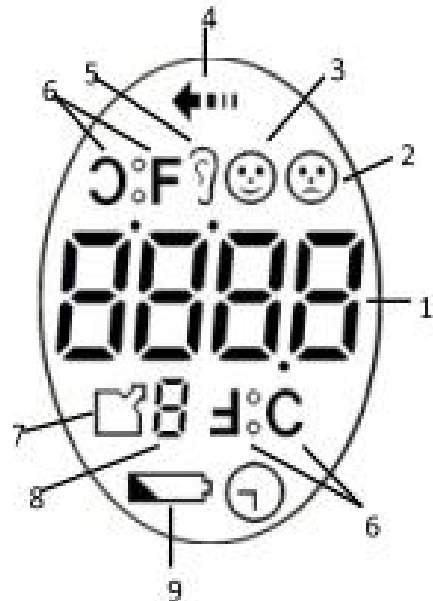- Without Ear cover.
- 10 memories.

3. 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 (℃/℉)
7. Memories Indicator
8. Memories Number
9. Low battery Indicator

4. Specifications

Weight	60g (Without Battery)
Power	DC 3V
Install battery	AAA size battery*2
Dimension	160*36*45mm(L*W*H)
Measuring Accuracy	34.0-34.9℃: ±0.3℃(93.2-94.8℉: ±0.5℉) 35.0-42.0℃: ±0.2℃(95-107.6℉: ±0.3℉) 42.1-42.9℃: ±0.3℃(107.8-109.2℉: ±0.5℉)
Auto shut off	≤ 30 seconds

5. Measuring

● **Notes before measuring:**

The correct measuring is very important, please kindly pay attention to the notes bellow 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-conditioner 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 changes 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. And the thermometer will begin to self-check.

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

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

4) If the baby is more than 1 year old, please pull its ear up slightly; if no, 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.

NOTE:

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

2) The bigger memorized number, the more previous data you have saved.

3) If there is not memory data, the LCD screen will display"----".

4) The device can only story 10 memories; the previous data will be deleted automatically when the new data is memorized.

● 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 measuring button at the same time, the Unit will be changed.
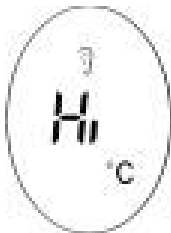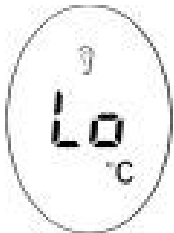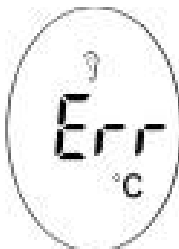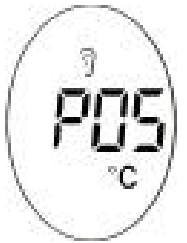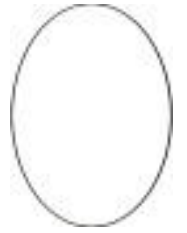
6. Change Battery

When the battery is low, please change new batteries.

1) Please make sure the correct positioning, a mistake with this will cause damage to the device and compromise the guarantee of the device.

2) Never use rechargeable batteries use only batteries for single usage.

3) Don't use the leaked battery and musty battery.

4) Don't keep the battery together with the keys, coins and other metal items, which may cause short circuit.

7. Troubleshooting

Display	Possible reasons	Maintenance Suggestions
Hi ℃	The temperature is higher than42.9℃ (109.2℉).	Make sure the right measuring object.
Lo ℃	The temperature is lower than34.0℃(93.2 ℉).	Make sure the right measuring object.
Err ℃	Wrong operating ambient temperature.	Make sure the device is under 5-40℃(41.0-104.0℉)op erating 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. Maintenance and Cleaning

1) The Sensor is the most important and fragile part of the device, please take great care of it.

2) Clean the thermometer with cotton swabs soaked with 70%-75% alcohol. Don't 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) Don't 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.