

Infrared Ear and Forehead Thermometer Instructions booklet ACT8000-F



Thank you for purchasing
Fore Health Infrared
Ear and Forehead
Thermometer ACT8000-F

Index

Introduction	4
Package Components	6
Identification Parts	7
LCD Display	8
Cleaning and Care	9
Enter the Ear or Forehead Mode Measurement	10
Switch Between °C & °F	11
Ear Measurement	13
Forehead Measurement	14
Recall the 10 Stored Measurements	15
Storage Methods	16
Normal Body Temperature Reference	16
Troubleshooting	17
Calibration	18
Replace/ Install the Battery	18
Dispose Battery	19
Specifications	20
Standards	21
Icon Identification	22

Introduction

Please read all of the information in this instruction manual before operating the thermometer. Be sure to have this instruction manual to hand during use.

Intended Use

Infrared ear and forehead thermometer ACT8000-F is intended for household and hospital use to measure the temperature of the human body in the ear or on the forehead.

Ear mode measurement: People of all age.

Forehead mode measurement: At least 5 years old.

Safety Precautions

Be sure to read the following instructions before using the thermometer.

Warning:

Indicates a potentially hazardous situation which it may result in death or serious injury.

- Keep the thermometer out of the reach of children and pets to avoid inhalation or swallowing of small parts.
- Do not left children unattended to take their own temperatures. Children could hurt themselves when using the thermometer.
- Do not use or store the thermometer near highly flammable substances, liquid, or gases. It could cause an explosion.

Caution:

Indicates a potentially hazardous situation which it may result in injury or property damage. The property damage refers to consequential damage to buildings, household, belongings, livestock, and pets.

- Do not use measurement results for self-diagnosis and self-treatment. Use of this thermometer is not intended to substitute professional consultation by your physician, always consult your physician.
- Do not touch and blow the Ear Probe.
- Do not disassemble, drop, twist, shake, or bend the thermometer. Do not change any parts of the unit except for replacing the battery.
- Do not use thermometer near a portable and mobile HF (high-frequency) communication equipment (e.g. mobile phones). This could cause malfunction
- Do not operate the thermometer under extreme temperatures or extreme humidity. Doing so may cause inaccurate measurement.
- Both the thermometer and the person whose body temperature is measured should be in the same environment for at least 30 min.
- Please wait for at least 1 min between two measurements. A temperature measurement taken in a row may affect the latter one result.
- Do not use the thermometer on mountains higher than 3,000 metres.
- Do not use the thermometer when the ears or the forehead are wet (e.g. after showering, swimming, or bathing). It may not be possible to obtain an accurate body temperature within 30 min after taking a bath or exercise.
- The manufacturer shall not be liable for any damage resulting from usage not specified in this instruction. Do not perform any repairs, modifications, adjustments, etc. without the authorized service center's approval.

Package Components

1 x Thermometer

1 x Adapter for forehead measurement

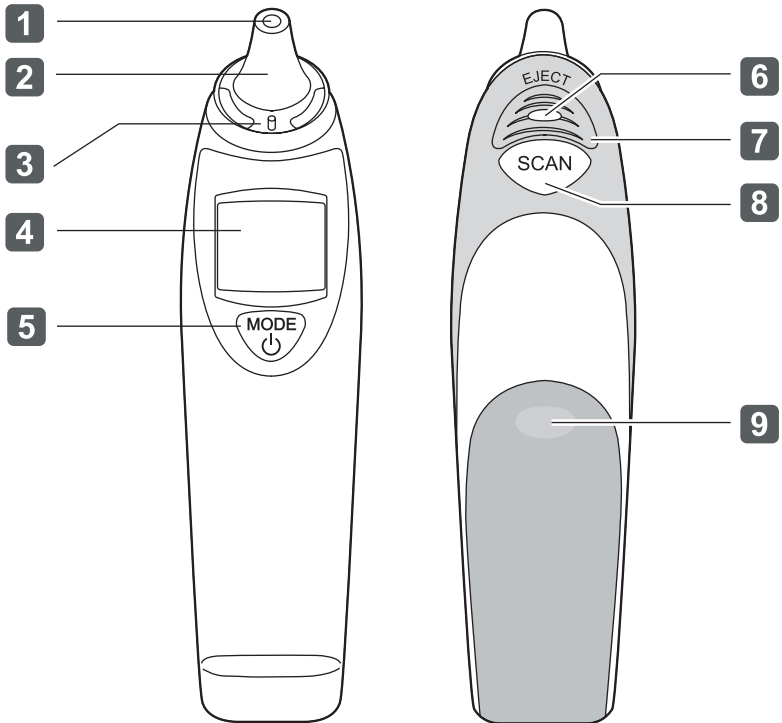
1 x Instruction manual

2 x 1.5V AAA Battery

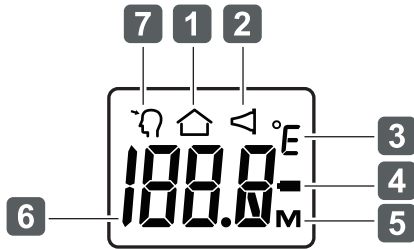
20 x Probe Cover

Identification Parts

- | | |
|-----------------------------------|-------------------------------------|
| 1 Ear Probe | 6 Measuring Indicator |
| 2 Probe Head(applied part) | 7 Probe Cover Ejector Button |
| 3 Probe Cover Sensor | 8 SCAN Button |
| 4 LCD Window | 9 Battery Cover |
| 5 MODE Button | |

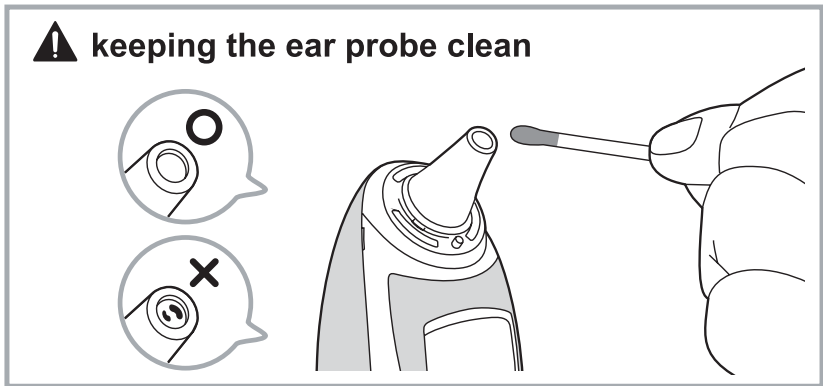


LCD Display



- 1** Ambient temperature indicator
- 2** No probe cover indicator
- 3** °C & °F display
- 4** Battery indicator
- 5** Memory mode
- 6** Temperature display
- 7** Forehead mode measurement indicator

Cleaning and Care



In order to achieve precise measurements, particularly protect the ear probe of the thermometer against moisture, dirt and damage. If you think you have contaminated the ear probe, please clean it.

Please clean the probe head, probe-head protector, LCD window, thermometer body, dispenser, and base with dry soft cloth or soft cloth slightly moistened with 70% alcohol.

- Do not clean the thermometer with corrosive liquid.
- Do not put the thermometer into water or other liquid. It is not waterproof.
- Please do not touch or wipe the ear probe of the thermometer with your bare hands.
- Keep the ear probe clean, intact, and neat to make sure the measurement is accurate.
- If the thermometer is used accidentally without probe cover, please hold the thermometer with the probe head facing down to avoid liquid entering the probe head.

Enter the Ear or Forehead Mode Measurement

1. Press and release the MODE button. The thermometer will beep and perform a brief self-test, during which all indicators on the display will be shown (See Fig. 1).
2. Start the thermometer, and hold down the MODE button for 3 sec until beeps are heard and LCD turns off. Then the thermometer is switched to the other mode (See Fig. 2).
3. The thermometer will automatically enter ear mode measurement if applied a probe cover.
4. No probe cover is detected, Please install a new and clean probe cover (See Fig. 3).

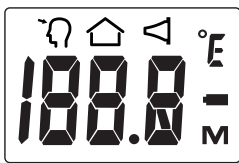


Fig.1

Ear Mode
↕
Forehead Mode



Fig.2

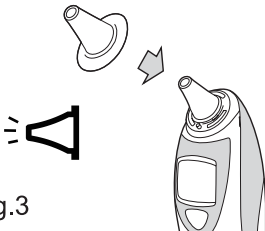
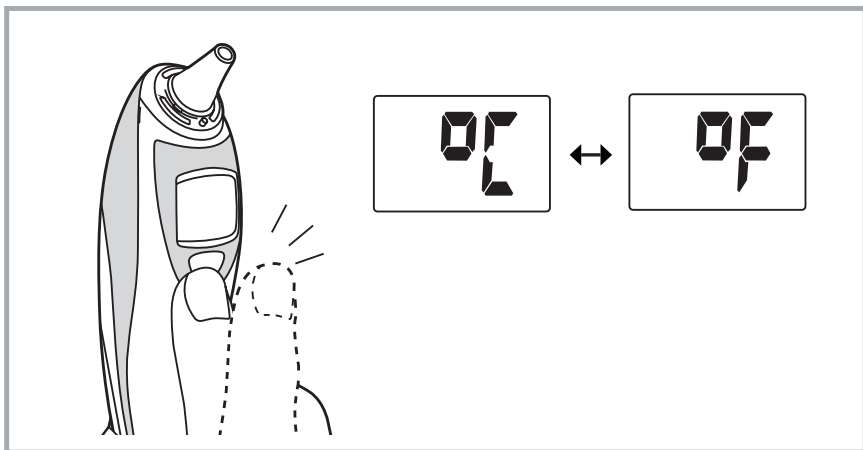


Fig.3

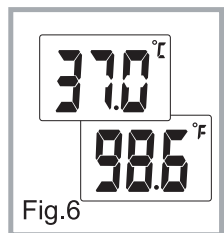
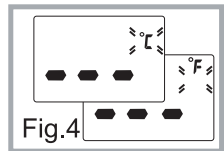
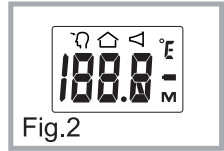
Switch Between °C & °F

- The Thermometer can display results in either degrees Celsius (°C) or degrees Fahrenheit (°F).
- When the thermometer shuts off, press the MODE button 2 times (one right after another) to switch between Celsius (°C) and Fahrenheit (°F). For the 2nd press, please press and hold before the full display disappears on the LCD window. Then release the MODE button.
- After the symbol °C or °F appears, the thermometer returns to measuring mode.



Ear Measurement

1. Apply a probe cover to the thermometer. The thermometer will not work without a probe cover (See Fig. 1).
2. Press and release the MODE button. The thermometer will beep and perform a brief self-test, during which all indicators on the LCD Window will be shown (See Fig. 2), followed by "OK" (See Fig. 3).
3. The thermometer display will show three short dashes with a flashing °C or °F, indicating that the thermometer is ready for measurement (See Fig. 4).
4. Gently insert the probe head into the ear canal, press SCAN button, and then keep the probe head in the place. (See Fig. 5). When the thermometer completes the measurement, the measured temperature will display on the LCD window with one long beep (approx. 1 sec).
5. At the same time, the measuring indicator also lights for approximately 1 sec.
6. The temperature reading will be shown on the LCD window (See Fig. 6).
7. When the measurement is finished with a beep, the backlight turns on for 6 sec.
8. The thermometer is automatically turned off after 1 min of inaction.



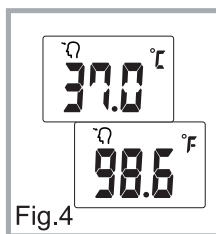
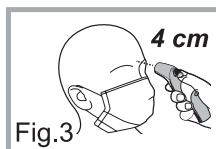
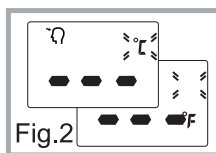


Caution of Ear Measurement

- The thermometer is used only with Fore Health Probe Cover (Model IR20).The thermometer will not work without a probe cover. Make sure to check the probe cover before using it. If there is any damage on the probe cover, please replace a new one. The use of other probe covers or damaged probe covers may cause inaccurate readings.
- The temperature taken in right ear might be different from the temperature taken in left ear. It is recommended that the ear's temperatures should be taken in the same ear and make sure the sensor faces eardrum every time, otherwise it may vary in the measurement results.
- Do not use the thermometer on people suffering from inflammatory diseases, ear injuries (e.g. eardrum injury), or during the healing phase after a surgical procedure. It could cause the infection to other people and an aggravation of the patient's symptoms.
- Clean the probe head and ear probe with dry soft cloth or soft cloth slightly moistened with 70% alcohol. After cleaning, allow at least 20 min of drying time before taking temperatures.
- Do not use the thermometer if the probe head or other parts have been damaged. The continuous use of a damaged thermometer may cause injury, inaccurate results, or serious danger.
- The probe cover is for single use only. Please use a new probe cover for each measurement. The reuse of probe covers may result in inaccurate measurements or cross-infection caused by contaminated probe covers.

Forehead Measurement

1. Put on forehead adapter before using thermometer in forehead mode measurement (See Fig. 1).
2. The thermometer display will show three short dashes with a flashing °C or °F, indicating that the thermometer unit is ready for measurement (See Fig. 2).
3. When measuring forehead temperature, move the forehead probe to within 4 cm(1.5 inch) away from the center of the eyebrows and press the SCAN button(See Fig. 3).
4. The temperature reading will be shown on the LCD windows (See Fig. 4).
5. When the measurement is finished with a beep, the backlight turns on for 6 sec.
6. The thermometer is automatically turned off after 1 min of inaction.



Caution of Forehead Measurement

- In forehead mode measurement, an accurate temperature measurement may not be obtained in an environment where the temperature is lower than 20°C. It is recommended to take a measurement by ear mode measurement or measure at a place where the temperature is above 20°C.
- Before take forehead temperature, please gently clean the surface of forehead probe with cotton swab or soft cloth moistened with 70% alcohol. Then use the thermometer after alcohol totally volatilizes.

Recall the 10 Stored Measurements

- The thermometer can store the 10 latest measurement results.
- When the thermometer shuts off, press and hold down the MODE button approximately 2 sec.
- A flashing “01” will appear with a small M at the lower right of the display (See Fig. 1).
- Then the memory is shown on the display for about 2 sec, (See Fig. 2-1/2-2). Before its disappearance, press the MODE button one time within 2 sec for the next memory, and do so one after one to display the rest of stored measurements. Otherwise, the thermometer returns to measuring mode.



Fig.1



Ear
Measurement
Fig.2-1



Forehead
Measurement
Fig.2-2

Storage Methods

- Please avoid mechanical shock, otherwise the thermometer will be damaged.
- Store the thermometer and batteries in a location inaccessible to children.
- Do not store the thermometer at extremely high or low ambient temperatures or in extremely dry or damp environments, since this could result in inaccurate measurement results.
- Please store the thermometer in a dry and clean place. Do not leave the thermometer exposed to any chemical solvent, lint, dust,direct sunshine, or high temperatures.
- Do not store the thermometer in a location near open fire or locations ons that are exposed to vibration or impact (this includes during transportation).
- Keep the thermometer away from any liquids while in use, and above all, never immerse it in liquids.

Normal Body Temperature Reference

Measuring Site	Temperature range in celsius	Temperature range in Fahrenheit
armpit :	35.0 °C ~ 37.0 °C	95.0 °F ~ 98.6 °F
forehead :	35.0 °C ~ 37.0 °C	95.0 °F ~ 98.6 °F
mouth :	35.5 °C ~ 37.4 °C	95.9 °F ~ 99.3 °F
rectum :	36.2 °C ~ 37.9 °C	97.2 °F ~ 100.2 °F
ear :	35.7 °C ~ 37.9 °C	96.3 °F ~ 100.2 °F