



Non-contact Infrared Thermometer
Model: JXB-182

NOTE:
You must read this instruction manual completely before use and follow all instructions. Keep the instructions for later use. You must check the device functions according to this instruction manual prior to each use and only use this device if it is in proper working condition.

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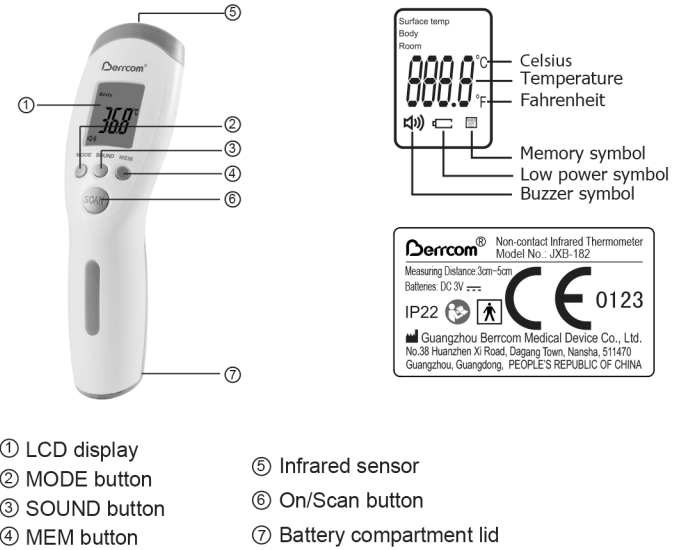
I. INTENDED USE

This device is an infrared thermometer that is intended to measure the forehead temperature of individuals of all ages without making contact with the individual whose temperature is being taken. It can be used by consumers in household environment and doctor in clinic as reference.

II. ⚠️ WARNINGS AND PRECAUTIONS

- Only use this thermometer once you have read and understood the instructiofor use.
- Only use this thermometer for the specific purpose described in the instruction manual. Any misuse will void the warranty.
- This thermometer may be used for professional purposes or for personal home use.
- Using this thermometer is not a substitute for consulting a doctor and seeking medical assistance as needed. Do not self-diagnose or self-medicate on the basis of a self-measurement without consulting your doctor and obtaining your doctor’s approval. Specially, do not take any new medication or change the type and/or dosage of any existing medication without consulting your doctor and obtaining your doctor’s approval.
- Children must not be allowed to use this thermometer. Medical device is not toy.
- If this thermometer is stored in a location that is cooler or warmer than where it is being used, let it sit in the patient’s room for at least 30 minutes before taking the measurement.
- After physical activity, a bath or spending time outdoors, wait approx. 30 minutes before you take a measurement on your forehead.
- To ensure an accurate measurement, this device must only be used indoors when the ambient temperature range is between 10°C (50°F) and 40°C (104°F).
- This thermometer must be kept in a clean, dry area.
- Do not expose this thermometer to electric shocks.
- Do not expose this thermometer to extreme temperature conditions of greater than 55°C (131°F) or less than -20°C (-4°F).
- Do not use this thermometer in relative humidity higher than 85%.
- Do not expose the thermometer to direct sunlight, extremely high or low temperatures, dirt or dust.
- Do not drop this thermometer.
- DO NOT TOUCH THE GLASS OF THE INFRARED SENSOR WITH YOUR FINGERS AS IT IS EXTREMELY FRAGILE AND COULD CAUSE INJURY.
- For cleaning, follow the instructions in section IX Cleaning and maintenance.
- Do not use this thermometer if it is damaged.
- Do not open up this thermometer. It contains small parts which might be swallowed by children.
- Do not expose the thermometer to water or other liquid, as it is not water resistant or waterproof.
- If an error occurs or if the device is damaged, DO NOT attempt to repair this device yourself, as this will void the warranty. Contact your dealer and only have repairs carried out by authorized service partners.
- Remove the batteries if you do not wish to use the unit for an extended period of time. Otherwise there is a danger that the batteries may leak.
- Keep the thermometer away from electromagnetic fields produced by objects such as microwave ovens, arc welders or induction heaters.
- A control measurement using a conventional thermometer is recommended in the following cases:
 1. If the reading is surprisingly low.
 2. For new-born infants up to 100 days old.
 3. For children under three years of age who have a weakened immune system or who react unusually in the presence or absence of fever.
 4. If you are using the thermometer for the first time or want to familiarise yourself with it.

III. PRODUCT DESCRIPTION



Buttons	Functions
MODE	Set the measurement mode.
SOUND	Turn on or off the sound.
MEM	Display of the saved measurements.
On/Scan	Switch on the device. Measure temperature.

IV. HOW TO USE YOUR NON-CONTACT INFRARED THERMOMETER

- 1.Install 2 AA batteries according to instructions provided in Section VII.
- 2.For the first time use after installing batteries, wait 10-15 minutes for the device to warm up and adjust to the room temperature.
- 3.Press On/Scan button, place 3-5 cm (1.2-2 in) away from forehead, aim lens toward forehead. Make sure the measurement mode is “BODY”, press the thermometer’s On/Scan button, and the temperature will be displayed instantly.
- 4.Before taking an individual’s temperature, make sure any hair, dirt or dust is removed from forehead and forehead is dry. Wait 10 minutes after such removal prior to measuring temperature.

⚠️ For reliable results:

- Do NOT attempt to take an individual’s temperature by aiming the device at a body part other than the forehead (i.e. arms, legs, torso, etc.).
- Do NOT move the thermometer before the final result is displayed.
- Do NOT take an individual’s temperature near any drafts (i.e. wind, air conditioner, fans).
- Do NOT take an individual’s temperature shortly after he or she participated in vigorous physical activity, bathed, took medicine, ate or drink, or had a cold or warm compress on his or her forehead.
- Do NOT take an individual’s temperature when there has been a significant change in ambient conditions. Allow the device to adjust to a significant change in the ambient temperature due to a change in environment for 30 minutes before using the device.
- Wait at least 3 to 5 seconds between measurements.
- We recommend that you take three measurements on the forehead, and if the results of three measurements are different, use the one with the highest value.”

V. TURNING ON AND SETTING THE THERMOMETER

1. Turning on the device.
Press the “On/Scan” button. The display will illuminate, will enter the “Standby Mode” and will display “---°C” or “----°F”. Next, place the device 3-5 cm (1.2-2 in) away from the individual’s forehead, aim the sensor of the device toward the forehead, and press the “On/Scan” button again, which will then take the individual’s temperature. The device will automatically shut off after 30 seconds of non-use.
2. Setting the MODE when the device is on
 - a. Press “MODE” button, and the screen will display: Body...°C
 - b. Press again “MODE” button and the screen will display: Room...°C
 - c. Press again “MODE” button and the screen will display: SurfaceTemp...°C**Note: The thermometer default is set to BODY mode.**

⚠️ IMPORTANT

The surface temperature differs from the body temperature. To obtain the body temperature must use the “BODY” mode.
When measure the temperature of a baby-bottle or bath (by using the Surface Temp Mode), or room temperature (by using the Room Mode).

3. Choosing the temperature unit
When the device is on, Press “MODE” button for 2 seconds, the screen will display “F1”, then press “MODE” button to transfer between degree Celsius and Fahrenheit, Confirm by pressing “MEM” button.
4. Alarm setup
When the device is on, Press “MODE” button for 2 seconds, the screen will display “F1”, then press “MEM” button once, the screen will display “F2”, press “MODE” button to choose the alarming temperature from 37.3°C to 39.1°C (99.1°F to 102.4°F), Confirm by pressing “MEM” button.
Note: The alarm threshold default value is 38°C (100.4°F)
5. When the device is on, Press “MEM” (Memory) button, which will then display the last temperature, and allows for a view of the last 32 measurements.
In the switch on state, Press “MEM” button and hold for 5 seconds, all data in memory will be deleted. Then press “MEM” button again, the display will show “CLR”
6. In the switch on state, press the “SOUND” button will display a choice of three languages (English, French and Spanish) , and an “OFF” setting, which will be silence the talking feature of the

- unit.
7. Recalibrating the device using the F4 MENU
Instructions for recalibration:
When the device is on, Press “MODE” button for 2 seconds, the screenwill display “F1”, then press “MEM” button twice ,the screen will display “F4”, press “MODE” button to choose the Offset value from -3°C to 3°C (-5.4°F to 5.4°F), Confirm by pressing “MEM” button.
Recalibrate the device after any seasonal or environmental changes, when you are using the device on people of different skin tones, or when you believe the device is not measuring the same temperature as a mercury thermometer.

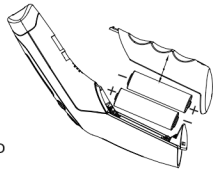
VI. TECHNICAL SPECIFICATIONS

- 1.Normal using condition
Ambient temperature: 10°C – 40°C (50°F – 104°F)
Relative humidity: less than 85%
Pressure altitude: 700 hPa to 1060 hPa
- 2.Storage and shipping condition
Ambient temperature: -20°C – 55°C (-4°F – 131°F)
Relative humidity: less than 95%
Pressure altitude: 700 hPa to 1060 hPa
- 3.Batteries: DC 3V (2 pcs AA batteries)
- 4.Unit size: approx. 175 x 50 x 52 mm (L x W x H)
- 5.Unit weight (without battery): approx. 80g
- 6.Temperature display resolution: 0.1°C (0.1°F)
- 7.Measuring range:
In body mode: 32.0°C – 43.0°C (89.6°F – 109.4°F)
Under body mode, there is three color backlits:
Green color backlit: less than 37.3°C (99.1°F), means normal temperature.
Orange color backlit: 37.4°C - 37.9°C (99.3°F - 100.2°F), means may be low fever.
Red color backlit: more than 38°C (100.4°F), means may be high fever.
In surface temp mode: 0°C – 60°C (32°F – 140°F)
In room mode: 0°C – 40°C (32°F – 104°F)
- 8.Accuracy:
32.0°C – 34.9°C (89.6°F – 94.8°F) ±0.3°C(±0.6°F)
35.0°C – 42.0°C (95°F – 107.6°F) ±0.2°C(±0.4°F)
42.1°C – 43.0°C (107.8°F – 109.4°F) ±0.3°C(±0.6°F)
- 9.Consumption: less than 450mW
- 10.Measuring distance: 3cm – 5cm (1.2in – 2in)
- 11.Automatic power-off: less than 30 secs
- 12.Memory capacity: 32 readings
- 13.Expiration date: The JXB-182 may last, but is not guaranteed, for up to 5 years from the date of the manufacturing

⚠️ **Note:** In the BODY mode, the JXB-182 can take temperature readings below 32°C or above 43.0°C (below 89.6°F or above 109.4°F), however, the temperature reading may be unreliable.

VII. BATTERIES

1. CHANGING THE BATTERIES
When the battery symbol “ ” flashes on the LCD display screen, the batteries need to be changed.
To change the batteries, open the lid on the back of the device and ensure the batteries are positioned in the correct manner.
Improperly installing the batteries could cause damage to the device. Do NOT use rechargeable batteries.
Only use single-use batteries.



2. DISPOSING OF BATTERIES

To protect environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.

⚠️

Notes on halding batteries

- If your skin or eyes come into contact with battery fluid, rinse the affected area with water and seek medical assistance.
- ⚠️ **Chocking hazard!** Small children may swallow and choke on batteries. Store batteries out of the reach of small children.
If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- Protect batteries form excessive heat.

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Risk of explosion! Do not throw batteries into a fire.

- Use idetical or equivalent battery types only.
- Always replace all batteries at the same time.
- Do not use rechargeable batteries.
- Do not disassemble, split or crush the batteries.

VIII. INCLUDED IN DELIVERY

Non-Contact Infrared Thermometer 1 pc