



# Instruction Manual

**Non-contact Infrared Thermometer**

**Applicable for Model: JXB-183**

**NOTE:**

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

## I. INTENDED USE

The device is an infrared thermometer intended to measure the forehead temperature of infants and adults without contacting the human body. It can be used by consumers in a household environment and doctors in the clinic as a reference.

## II. WARNINGS AND PRECAUTIONS

- Only use this thermometer once you have read and understood the instruction for 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 personal home use.
- Using this thermometer is no substitute for consulting a doctor. Do not self-diagnose or self-medicate based on the measurements without consulting your doctor. In particular, do not start taking any new medication or change the type and/ or dosage of any existing medication without prior approval.
- In particular, 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.
- This thermometer must be operated by adults and be placed out of the reach of infants.
- Ensure that children do not use this device unsupervised; some parts are small enough to be a choking hazard or be swallowed.
- If this thermometer is stored in a cooler or warmer location than where it is being used, please put it in the operation place for at least 30 minutes before taking the measurement.
- After physical activity, a bath, or spending time outdoors, wait approximately 30 minutes before you measure the temperature on your forehead.
- To ensure an accurate measurement, you should only use this thermometer indoors when the ambient temperature range is between 10°C (50°F) and 40°C (104°F) .
- Before and after each use, the thermometer should be cleaned according to the requirement of this manual to avoid possible bacterial infections.
- 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 put this product in a place with direct sunlight, high temperature, high humidity, excessive dust, or the place where it may contact corrosive gas or liquid. Do not use this product in the above environment.
- 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.**
- 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.
- Never immerse the device in water or other cleaning liquids, and do not let any liquid enters the interior of this product.

- Remove the batteries if you do not wish to use the unit for an extended period of time; otherwise, there is a risk of battery leakage.
- Keep the thermometer away from electromagnetic fields produced by objects such as microwave ovens, arc welders or induction heaters.
- The device should no longer be reused when it reaches the expected service life (5 years, from the date of production) of the device. See chapter XV to dispose the device.
- Electrical components and batteries have heavy metal or chemicals which may do harm to environment, please follow the local law and regulation on its disposal.
- You contact Berrcom ( “manufacture” ) or your dealer on the following issues:

If an error occurs or if the thermometer is damaged. DO NOT attempt to repair the thermometer yourself, as this will void the warranty. Only have repairs carried out by authorized service partners. The MANUFACTURER will make available on request circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist SERVICE PERSONNEL to repair those parts of ME EQUIPMENT that are designated by the MANUFACTURER as repairable by SERVICE PERSONNEL.

If you need assistance in setting up, using, or maintaining the thermometer.

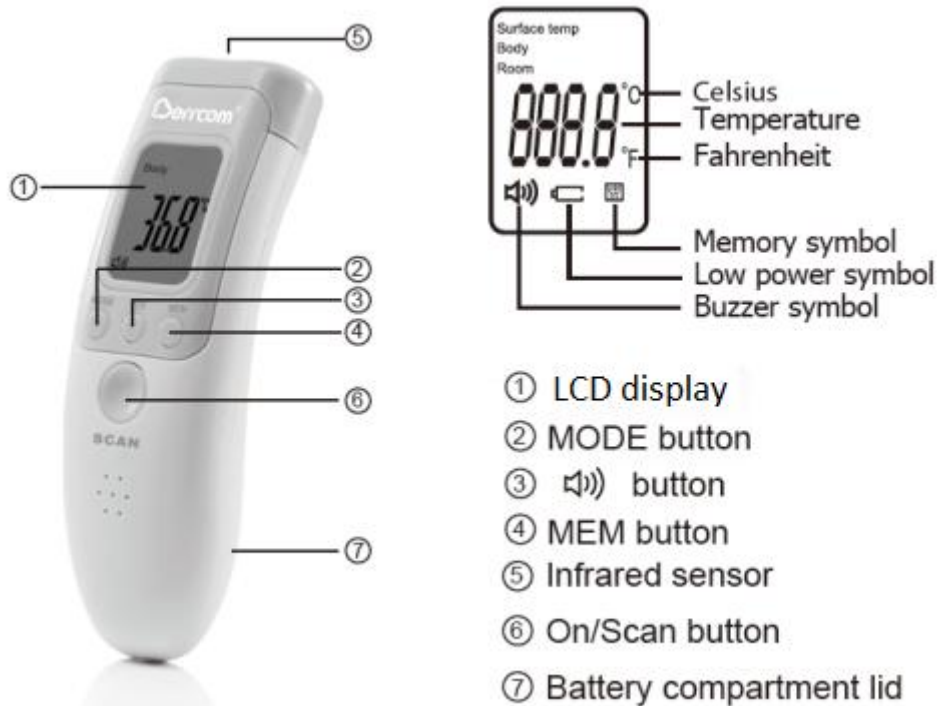
If you have unexpected operation or events to report.

### **III. PRINCIPLE OF OPERATION OF NON-CONTACT INFRARED THERMOMETER**

All objects, solid, liquid, or gas, emit energy by radiation. The intensity of this energy depends on the temperature of the object. The infrared thermometer is, therefore, able to measure the temperature of a person by the energy the person emits. This measurement can be taken thanks to an external temperature probe on the device, which permanently analyses and registers the ambient temperature. Thus, as soon as the operator holds the thermometer near the body and activates the radiation sensor, the measurement is taken instantly by detecting the infrared heat generated by the arterial blood flow. Therefore, body heat can be measured without any interference from the heat of the surrounding environment.

*Note: The reference body temperature for the non-contact infrared thermometer is axillary temperature.*

### **IV. PRODUCT DESCRIPTION**



- ① LCD display
- ② MODE button
- ③ button
- ④ MEM button
- ⑤ Infrared sensor
- ⑥ On/Scan button
- ⑦ Battery compartment lid

## V. HOW TO USE YOUR NON-CONTACT INFRARED THERMOMETER

1. Install two batteries according to the manual provided in Section VIII.
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 the On/Scan button, place 3-5 cm (1.2-2in) away from the forehead (as Fig.1) , aim the infrared sensor toward the forehead. Make sure the measurement mode is body temperature mode “BODY” , press the thermometer’s On/Scan button, and the temperature will be displayed instantly.



Fig.1

4. Before taking an individual’s temperature, make sure that any hair, dirt, or dust is removed from the forehead and that the forehead is dry. Wait 10 minutes after such removal before 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 drank, 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 the significant change in the ambient temperature due to a change in environment for at least 30 minutes before taking the measurement.
- . Wait at least 3 to 5 seconds between measurements.
- . We recommend that you take three measurements on the forehead. If the results of the three measurements are different, use the one with the highest value.

## VI. TURNING ON AND SETTING THE THERMOMETER

### 1. Turning on the device

Press the On/Scan button. The display will illuminate, and enter the standby mode and will display "---°C" or "----°F". Next, place the device 3-5 cm (1.2-2in) 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, if the screen display: Body...°C, it is "Body temperature mode".
- b. Press "MODE" button again, if the screen display: Surface Temp...°C, it is "Surface temperature mode".
- c. Press "MODE" button again, if the screen display: Room...°C, it is "Room temperature mode".

Note: The thermometer default is set to BODY temperature mode.



### NOTE

#### **THE SURFACE TEMPERATURE AND ROOM TEMPERATURE ARE NOT MEDICAL USE.**

The surface temperature differs from the body temperature. To obtain the body temperature, you should use the "body temperature mode".

Use the Surface Temperature Mode to measure the temperature of a baby-bottle/bath water and the Room Temperature Mode to measure the room temperature.

### 3. Choosing the temperature unit

In the switch on state, press "MODE" button for 2 seconds, the screen will display "F1", then press "MODE" button to transfer between degree Celsius and Fahrenheit, by pressing "MEM" button to confirm..

### 4. View previous measurement results

In the switch on state, press "MEM" button, which will then display the last temperature and allow for a view of the last 32 measurements.

In the switch on state, press "MEM" button and hold for 5 seconds, and all data in memory

will be deleted. Then press "MEM" button again, the display will show "CLr".

#### 5. High-temperature prompt function

Under the body temperature mode, if the measured body temperature is higher than or equal to 38°C, the product will beep continuously.

#### 6. 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 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)**

7. When the device is on, press "🔔" to turn the buzzer on or off.

When the screen shows "ON", the buzzer opened.

When the screen shows "OFF", the buzzer closed.


### VII. TECHNICAL SPECIFICATIONS

| Items                                | Specifications  |
|--------------------------------------|---|
| Battery                              | DC 3V 2 pcs AAA dry batteries   |
| Temperature sensor                   | Infrared Sensor   |
| Measuring distance                   | 3cm - 5cm(1.2in - 2in)  |
| Measurement range                    | Body temperature mode:<br>32.0°C ~ 43.0°C (89.6°F ~ 109.4°F)<br>Under body mode, there is three color backlits:<br>Green color backlit: less than 37.3°C (99.1°F), means normal temperature.<br>Orange color backlit: 37.4°C - 37.9°C (99.3°F - 100.2°F), means may be low fever.<br>Red color backlit: more than 38°C (100.4°F), means may be high fever.<br>Surface temperature mode:<br>0°C ~ 60°C (32°F ~ 140°F)<br>Room temperature mode:<br>0°C ~ 40°C (32°F ~ 104°F) |
| Measuring accuracy                   | Body temperature mode:<br>32.0°C ~ 34.9°C (89.6°F ~ 94.8°F) : ±0.3°C (±0.6°F)<br>35.0°C ~ 42.0°C (95°F ~ 107.6°F) : ±0.2°C (±0.4°F)<br>42.1°C ~ 43.0°C (107.8°F ~ 109.4°F) : ±0.3°C (±0.6°F)  |
| Clinical repeatability               | ≤0.2°C (0.4°F)  |
| Display resolution                   | 0.1°C (0.1°F)   |
| Measurement Time                     | 1 second  |
| Memory                               | 32 sets   |
| Operation Environment                | Ambient temperature: 10°C ~ 40°C (50°F ~ 104°F)<br>Relative humidity: ≤85%RH<br>Atmospheric Pressure: 700 hPa to 1060 hPa   |
| Storage and transportation condition | Ambient temperature: -20°C ~ 55°C (-4°F ~ 131°F)<br>Relative humidity: ≤ 95%RH<br>Atmospheric Pressure: 700 hPa to 1060 hPa   |
| Weight                               | Approx.67g (Battery excluded)   |
| Product Size                         | Approx. 130 x 45 x 55 mm (L x W x H)  |

|                       |                   |
|-----------------------|-------------------|
| Consumption           | ≤300mW            |
| Expected Service Life | 5 years           |
| Automatic power-off   | less than 30 secs |
| Measuring site        | Forehead          |
| Reference body site   | Axillary          |
| Mode of operation     | Adjusted mode     |

## VIII. BATTERIES

### 1. CHANGING THE BATTERIES

When the battery symbol "  " flashes on the display screen, the batteries need to be changed.

To change the batteries, open the lid on the back of the device (as fig.2) and ensure the batteries are correctly positioned. Improperly installing the batteries could cause damage to the device. Do NOT use rechargeable batteries. Use single-use batteries only.

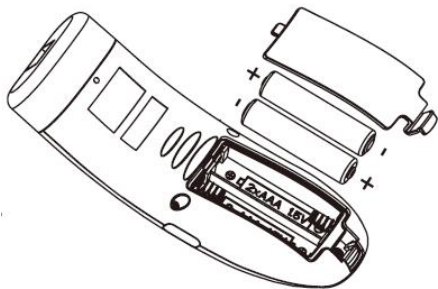


fig.2

### 2. DISPOSING OF BATTERIES

To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations. The disposal method is defined in Chapter XV.

#### **Notes on handling batteries**

- If your skin or eyes come into contact with battery fluid, rinse the affected area with water and seek medical assistance.

#### **Choking 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 from excessive heat.

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

- Use identical 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.

## IX. INCLUDED IN DELIVERY

## **X. CLEANING AND DISINFECTION**

The thermometer is a multi-patient reusable device, and the cleaning and disinfection instructions were validated. Please follow the instructions to clean/disinfect your thermometer prior to use.

### **Cleaning:**

- 1) Use a cotton swab moistened with hot water or neutral detergent to throughout clean the casing of thermometer and measuring probe to remove stain or oil.
- 2) Inspect the thermometer visually after the cleaning process, ensure there is no soil or stain is seen. If the device is determined not to be visually clean at the end of the cleaning step, you should either repeat the relevant previous cleaning steps or safely dispose of the device so that a visibly soiled device is not used again.

### **Disinfection:**

- 1) Disinfect the thermometer casing and the probe for 30 seconds with a cotton swab or non-dust cloth dipped in 75% ethanol.
- 2) Repeat the above steps at least 3 times, then wipe surface and probe dry with a clean cloth, and wait about 1 minute for drying after disinfection process.

### **Note:**

- Ensure that no liquid enters the interior of the thermometer.
- Never use abrasive cleaning agents, thinners, or benzene for cleaning, and never immerse the thermometer in water or other cleaning liquids.
- Take care not to scratch the surface of the probe lens and the display.
- If the visual inspection identifies unacceptable deterioration such as corrosion, discoloration, pitting, cracked, the device should not be further used and should be discarded.
- If the thermometer has been used in patients, please visually inspect the thermometer to determine if there is stain or oil on the casing or probe after each use, and follow the instruction of cleaning and disinfection to cleaning your thermometer.

### **Care and Maintenance:**

- Please clean the thermometer regularly, usually once a month.
- If the probe tip is damaged, please contact the maintenance center.
- If necessary, you can clean it properly according to the actual dirt of the product; if you do not use this product for a long time (more than 2 months), replace all the batteries take out.
- Store the thermometer in a dry location free from dust and contamination and away from direct sunlight.
- Do not use other batteries than mentioned batteries, do not use rechargeable batteries, do not throw in fire.

- Do not expose the thermometer to sunlight or water.
- Do not use the thermometer rudely. Dropping, crashing and severe shock will damage the product

**Calibration:**

This thermometer is calibrated at the time of manufactured, If the thermometer is used according to the instruction, periodic recalibration is not required. If at any time you question the accuracy of the measurement, please contact the retailer immediately.

Don't attempt to modify or reassemble the thermometer.

The calibration operation of this product must have corresponding calibration equipment, otherwise it cannot calibrate by itself.

**XI. TROUBLESHOOTING**

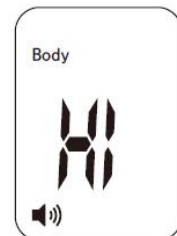
If you have any problem while using your thermometer, please refer to this guide to help resolve the problem. If the problem cannot be resolved, please contact our customer service.

**THE SCREEN DISPLAYS THE MESSAGE HI**

In Body Temperature Mode, the thermometer will display “HI” if the measured object temperature is higher than 43°C (109.4°F).

In Surface Temperature Mode, the thermometer will display “HI” if the measured object temperature is higher than 60°C (140°F).

In Room Temperature Mode, the thermometer will display “HI” if the measured ambient temperature is higher than 40°C (104°F).

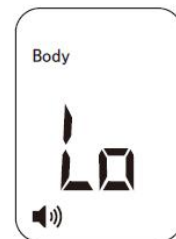


**THE SCREEN DISPLAYS THE MESSAGE LO**

In Body Temperature Mode, the thermometer will display “Lo” if the measured object temperature is lower than 32°C (89.6°F).

In Surface Temperature Mode, the thermometer will display “Lo” if the measured object temperature is lower than 0°C (32°F).

In Room Temperature Mode, the thermometer will display “Lo” if the measured ambient temperature is lower than 0°C (32°F).












This message displays for various reasons. Please refer to the list of main issues below:

| Reasons for LO message display  | Advice   |
|---|--|
| Temperature reading hampered by hair or perspiration.   | Make sure there is no obstruction or dampness before taking temperature.                       |
| Temperature hampered by an air draft or dramatic change in ambient temperature.               | Make sure there is no air blowing in the area of use, which could affect the infrared reading. |
| Temperature readings are too close together, and the thermometer did not have time to reboot. | Pause for at least 3-5 seconds between readings; a 15 seconds pause is recommended.            |
| The measuring distance is too far.  | Take measurements at the recommended distance (app. 3-5 cm) .                                  |

**XII. SIGNS AND SYMBOLS**

| Symbol | Description of symbol |
|--------|-----------------------|
|--------|-----------------------|



|   |   |
|---|---|
|    | Trade mark  |
|    | Indicates the need for the user to consult the instructions for use for crucial cautionary information such as warnings and precautions that can not, for a variety of reasons, be presented on the medical device itself.                        |
|    | Please read the instructions carefully.   |
|    | Application part, Type BF   |
|    | Direct current  |
| <b>IP22</b>   | Degree of protection against harmful ingress of water and particulate matter<br>2 Protected and against solid foreign objects of 12.5mm $\Phi$ and greater<br>2 Protection against vertically falling water drops when ENCLOSURE tilted up to 15° |
|    | DISPOSAL: Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.   |
|   | Manufacturer  |
| <b>SN</b>   | Serial number   |
|  | Date of manufacture   |
| <b>#</b>  | Model number  |
|  | Made in China   |
| <b>MD</b>   | Medical device  |
| <b>CH REP</b>   | Authorized representative of Switzerland  |

### XIII. EMC DECLARATION

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare and clinic environments.

**Warning:** Do not use it near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

**Warning:** Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

**Warning:** Use of accessories, transducers, and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.”

**Warning:** Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the equipment JXB-183, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

- 1, All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the expected service life.

Portable and mobile RF communication equipment may affect the performance of the JXB-183, avoiding strong electromagnetic interference when used, such as near mobile phones, microwave ovens, etc.

- 2, Guidance and manufacturer's declaration -electromagnetic emissions and immunity

**Guidance and manufacturer's declaration -electromagnetic emissions and immunity**

Table 1

| <b>Guidance and manufacturer's declaration - electromagnetic emissions</b> |                   |
|--|-------------------|
| <b>Emissions test</b>  | <b>Compliance</b> |
| RF emissions<br>CISPR 11   | Group 1           |
| RF emissions<br>CISPR 11   | Class B           |
| Harmonic emissions<br>IEC 61000-3-2  | No aplicación     |
| Voltage fluctuations/<br>flicker emissions<br>IEC 61000-3-3                | No aplicación     |

Table 2

| <b>Guidance and manufacturer's declaration - electromagnetic immunity</b> |   |   |
|---|---|---|
| <b>Immunity Test</b>  | <b>IEC 60601-1-2<br/>Test level</b>                 | <b>Compliance level</b>                             |
| Electrostatic<br>discharge (ESD)<br>IEC 61000-4-2                         | ±8 kV contact<br>±2 kV, ±4 kV, ±8 kV,<br>±15 kV air | ±8 kV contact<br>±2 kV, ±4 kV, ±8 kV, ±15<br>kV air |
| Electrical fast<br>transient/burst  | No application                                      | No application                                      |



|  |   |   |
|--|---|---|
| IEC 61000-4-4  |   |   |
| Surge<br>IEC 61000-4-5   | No application                                  | No application                                  |
| Voltage dips, short interruptions and voltage variations on power supply input lines<br>IEC 61000-4-11 | No application                                  | No application                                  |
| Power frequency magnetic field<br>IEC 61000-4-8  | 30 A/m<br>50Hz/60Hz                             | 30 A/m<br>50Hz/60Hz                             |
| Conducted RF<br>IEC61000-4-6   | No application                                  | No application                                  |
| Radiated RF<br>IEC61000-4-3  | 10 V/m<br>80 MHz – 2, 7 GHz<br>80 % AM at 1 kHz | 10 V/m<br>80 MHz – 2, 7 GHz<br>80 % AM at 1 kHz |
| NOTE U <sub>T</sub> is the a.c. mains voltage before application of the test level.                    |   |   |

Table 3

| <b>Guidance and manufacturer's declaration - electromagnetic immunity</b>  |                      |            |  |                                   |            |              |                          |
|--|----------------------|------------|--|-----------------------------------|------------|--------------|--------------------------|
| Radiated RF<br>IEC61000-4-3<br>(Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment) | Test Frequency (MHz) | Band (MHz) | Service  | Modulation                        | Modulation | Distance (m) | IMMUNITY TESTLEVEL (V/M) |
|  | 385                  | 380-390    | TETRA 400  | Pulse modulation 18 Hz            | 1.8        | 0.3          | 27                       |
|  | 450                  | 430-470    | GMRS 460<br>FRS 460  | FM ±5 kHz deviation<br>1 kHz sine | 2          | 0.3          | 28                       |
|  | 710                  | 704-787    | LTE Band 13, 17  | Pulse modulation 217 Hz           | 0.2        | 0.3          | 9                        |
|  | 745                  |            |  |                                   |            |              |                          |
|  | 780                  |            |  |                                   |            |              |                          |
|  | 810<br>870           | 800-960    | GSM800/900,<br>TETRA800,<br>CDMA850,<br>LTE Band 5           | Pulse modulation 18 Hz            | 2          | 0.3          | 28                       |
|  | 930                  |            |  |                                   |            |              |                          |
|  | 1720<br>1845         | 1700-1990  | GSM 1800;<br>CDMA 1900;<br>GSM 1900;<br>DECT;<br>LTE Band 1, | Pulse modulation 217 Hz           | 2          | 0.3          | 28                       |
|  | 1970                 |            |  |                                   |            |              |                          |

|  |      |           |   |                               |     |     |    |
|--|------|-----------|---|-------------------------------|-----|-----|----|
|  |      |           | 3, 4,<br>25;UMTS  |                               |     |     |    |
|  | 2450 | 2400-2570 | Bluetooth,<br>WLAN,<br>802.11 b/g/n,<br>RFID2450,<br>LTE Band 7 | Pulse<br>modulation<br>217 Hz | 2   | 0.3 | 28 |
|  | 5240 | 5100-5800 | WLAN<br>802.11 a/n  | Pulse<br>modulation<br>217 Hz | 0.2 | 0.3 | 9  |
|  | 5500 |           |   |                               |     |     |    |
|  | 5785 |           |   |                               |     |     |    |

#### **XIV. WARRANTY/SERVICE**

**In accordance with our policy of continual product improvement, we reserve the right to make technical and optical changes without notice.**

##### **Warranty and repair terms**

Warranty: 18 months.

Please contact your dealer or the service center in case of a claim under warranty. If you have to return the unit, please enclose a copy of your receipt and state what the defect is.

The following warranty terms apply:


1. The warranty period for BERRCOM products is 18 months from the date of purchase. In the case of a warranty claim, the date of purchase has to be proven using the sales receipt or invoice.
2. Defects in material or workmanship will be removed free of charge within the warranty period.
3. Repairs under warranty do not extend the warranty period either for the unit or for the replacement parts.
4. The following is excluded under warranty:
  - a. All damage that has arisen due to improper treatment, e.g. nonobservance of the user instructions.
  - b. All damage due to repairs or tampering by the customer or unauthorized third parties.
  - c. Damage that has arisen during transport from the manufacturer to the consumer or during transport to the service center.
  - d. Accessories which are subject to normal wear and tear.
5. The liabilities for direct or indirect consequential losses caused by the unit are excluded even if the damage to the unit is accepted as a warranty claim.

• GUANGZHOU BERRCOM MEDICAL DEVICE CO., LTD EXPRESSLY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

• UNDER NO CIRCUMSTANCES SHALL BERRCOM HAVE ANY OBLIGATION OR LIABILITY FOR ANY LOSS OF PROFIT OR ANY CONSEQUENTIAL, INCIDENTAL INDIRECT, SPECIAL, PUNITIVE, OR CONTINGENT DAMAGES WHATSOEVER CONCERNING THE CLAIMS MADE BY ANY CUSTOMER, CONSUMER, OR OTHER USER OF BERRCOM PRODUCTS.

• IN THE EVENT THAT ANY APPLICABLE LAWS IMPOSE WARRANTIES, CONDITIONS, OR OBLIGATIONS THAT CANNOT BE EXCLUDED OR MODIFIED, THIS PARAGRAPH SHALL APPLY TO THE GREATEST EXTENT ALLOWED BY SUCH LAWS.

#### **XV. DISPOSAL**

 It is required that you should not dispose of WEEE as unsorted municipal waste and collect such WEEE separately.

In accordance with Directive 2012/19/EU and national disposal regulations regarding old electrical and electronic devices, please be advised that such items must be disposed of in a special way within the European Union (EU). These regulations require the environmentally friendly recycling/disposal of old electrical and electronic devices. Such items must not be disposed of as domestic refuse. This has been expressed using the icon of the “crossed out trash can”.



The Non-contact Infrared Thermometer (Model: JXB-183) contains batteries and recyclable electronic waste. To protect the environment, do not dispose of it in household waste as unsorted municipal waste, but collect separately and take it to an appropriate local collection center.

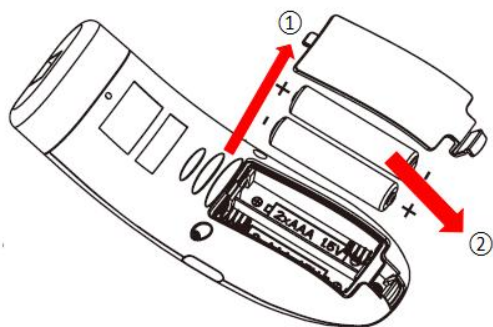
The Non-contact Infrared Thermometer (Model: JXB-183) is classified as small equipment (5<sup>th</sup> category) according to ANNEX IV of Directive 2012/19/EU.

Before disposing of your Non-contact Infrared Thermometer (Model: JXB-183), please take away the batteries from Non-contact Infrared Thermometer (Model: JXB-183) and dispose of the batteries and Non-contact Infrared Thermometer (Model: JXB-183) separately.

You can take away the batteries as follows:

>>Battery remove diagram

- ① Open the lid on the back of the device
- ② Remove the batteries.



Batteries represent a hazard to health and the environment! Never open, damage, or swallow batteries or allow them to pollute the environment. They may contain toxic,

ecologically hazardous heavy metals. The removed batteries shall be disposed of at the point of sale or in the corresponding containers provided at collection points by local public waste authorities and treated according to 2006/66/EC.

The batteries and recyclable electronic waste shall be disposed of in a separate waste container.

Packaging materials must be disposed of according to local regulations. Consult the authorized collection points for more information.

### **In Germany**

For the recyclable electronic waste disposal, you can search the authorized collection points at the following website:

<https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen>

For batteries, you can search the authorized collection points at the following website:

<https://www.ear-system.de/ear-verzeichnis/battgHersteller#no-back>

Search method: using your postcode or the name of the city and state where you live to find collection points near you.

### **Other countries**

For country-specific information on disposal, contact your local dealers or importer.



Guangzhou Berrcom Medical Device Co., Ltd.

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