

## Berrcom JXB311, ET005

# Berrcom JXB311 Non-Contact Infrared Thermometer & ET005 Forehead and Ear Thermometer User Manual

## 1. INTRODUCTION

---

This manual provides detailed instructions for the safe and effective use of your Berrcom JXB311 Non-Contact Infrared Thermometer and Berrcom ET005 Forehead and Ear Thermometer. Please read this manual thoroughly before using the devices and retain it for future reference. These thermometers are designed for measuring human body temperature and are suitable for use by adults and children.

## 2. SAFETY INFORMATION

---

- Do not use the thermometer for purposes other than measuring body temperature.
- Keep the device out of reach of children.
- Avoid dropping the thermometer or subjecting it to strong impacts.
- Do not expose the thermometer to direct sunlight, extreme temperatures, or high humidity.
- Clean the thermometer probe after each use as instructed in the Maintenance section.
- If the device is damaged, do not attempt to repair it yourself. Contact customer support.
- Ensure the measurement area is clean and dry. Sweat, perspiration, or grease can affect accuracy.

## 3. PRODUCT OVERVIEW

---

### 3.1 Berrcom JXB311 Non-Contact Infrared Thermometer



**Image:** Diagram illustrating the components of the Berrcom JXB311 Non-Contact Infrared Thermometer, including the LED panel, Infrared Sensor, Mem Button, Mode Button, On/Scan Button, and Battery Compartment.

The Berrcom JXB311 is a non-contact infrared thermometer designed for quick and accurate temperature readings. It features an ultra-sensitive sensor and smart chip technology.

- **Instant Measurement:** Provides readings in approximately 1 second.
- **Multiple Modes:** Includes Body, Surface, and Room temperature measurement modes.
- **Memory Function:** Stores up to 32 previous readings.
- **Fever Alarm:** Visual (orange/red backlight) and audible alerts for elevated temperatures.
- **Switchable Units:** Easily switch between Celsius (°C) and Fahrenheit (°F).
- **Automatic Shut-off:** Conserves battery power.

### 3.2 Berrcom ET005 Forehead and Ear Thermometer



**Image:** The Berrcom ET005 Forehead and Ear Thermometer, showing its sleek design and digital display.

The Berrcom ET005 is a versatile thermometer capable of measuring temperature via both forehead and ear. It is suitable for infants, children, and adults.

- **Dual Measurement Modes:** Forehead and Ear modes for flexible use.
- **High Precision Sensor:** Ensures accurate readings within 0.1 °C.
- **Quick Reading:** Provides temperature results in seconds.
- **Magnetic Dust Cover:** Protects the ear probe when not in use.
- **Quiet Mode:** Allows for measurements without disturbing a sleeping child.
- **Switchable Units:** Easily switch between Celsius (°C) and Fahrenheit (°F).
- **Automatic Shut-off:** Powers off after 30 seconds of inactivity to save energy.

## 4. SETUP

### 4.1 Battery Installation

Both JXB311 and ET005 thermometers require batteries for operation. Locate the battery compartment,

usually on the handle or back of the device. Insert the specified battery type (e.g., AAA batteries for JXB311) ensuring correct polarity. Close the battery compartment securely.

## 4.2 Switching Temperature Units (°C/°F)



**Image:** The Berrcom JXB311 thermometer displaying the process of switching between Celsius and Fahrenheit units.

To switch between Celsius (°C) and Fahrenheit (°F) on the JXB311, ensure the device is off. Press and hold the Start button for 3-5 seconds until the unit changes. For the ET005, the units are easily switchable, typically via a dedicated button or a combination of buttons as indicated in the device's specific instructions.

## 5. OPERATING INSTRUCTIONS

### 5.1 Berrcom JXB311 Non-Contact Infrared Thermometer

#### Taking a Body Temperature Measurement



**Image:** The Berrcom JXB311 thermometer being used in Body Mode to measure the temperature of a baby's forehead.

1. Ensure the thermometer is in Body Mode.
2. Hold the thermometer 3-5 cm (1.2-2 inches) from the center of the forehead.
3. Press the On/Scan button. The temperature will display on the screen within 1 second.
4. The LED display color indicates temperature status: Green for normal, Orange for slight fever, Red for high fever (above 38°C/100.4°F) with an audible alarm.



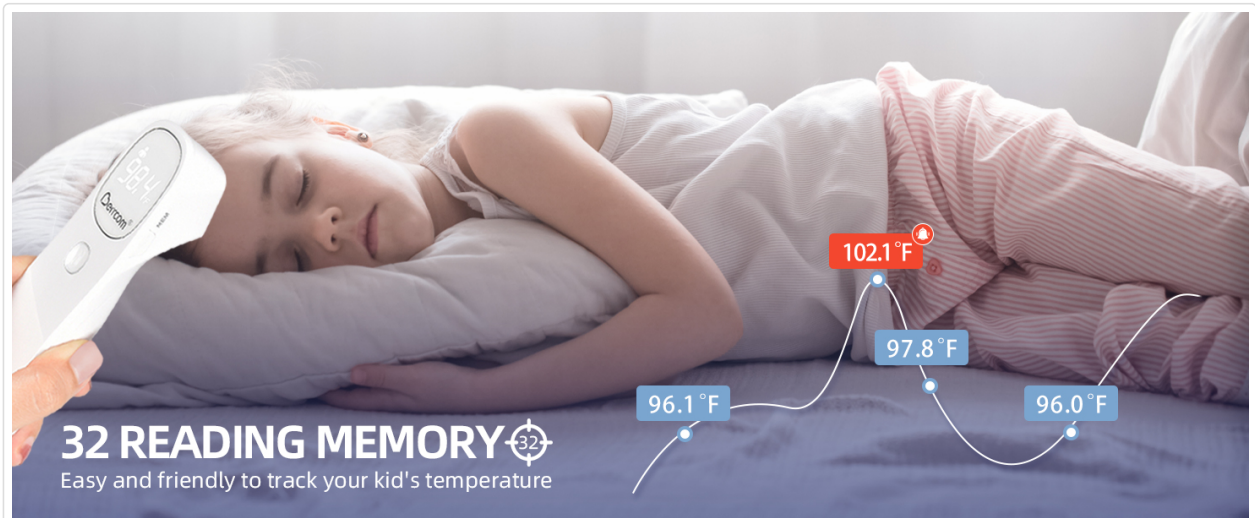
## Taking Surface Temperature Measurement

Switch the thermometer to Surface Mode. Point the thermometer at the object whose surface temperature you wish to measure. Press the On/Scan button. The temperature will be displayed. The normal temperature range for Object Mode is 0°C to 60°C (32°F to 140°F).

## Taking Room Temperature Measurement

Switch the thermometer to Room Mode. Point the thermometer towards an open area in the room. Press the On/Scan button. The ambient room temperature will be displayed. The normal temperature range for Room Mode is 0°C to 40°C (32°F to 104°F).

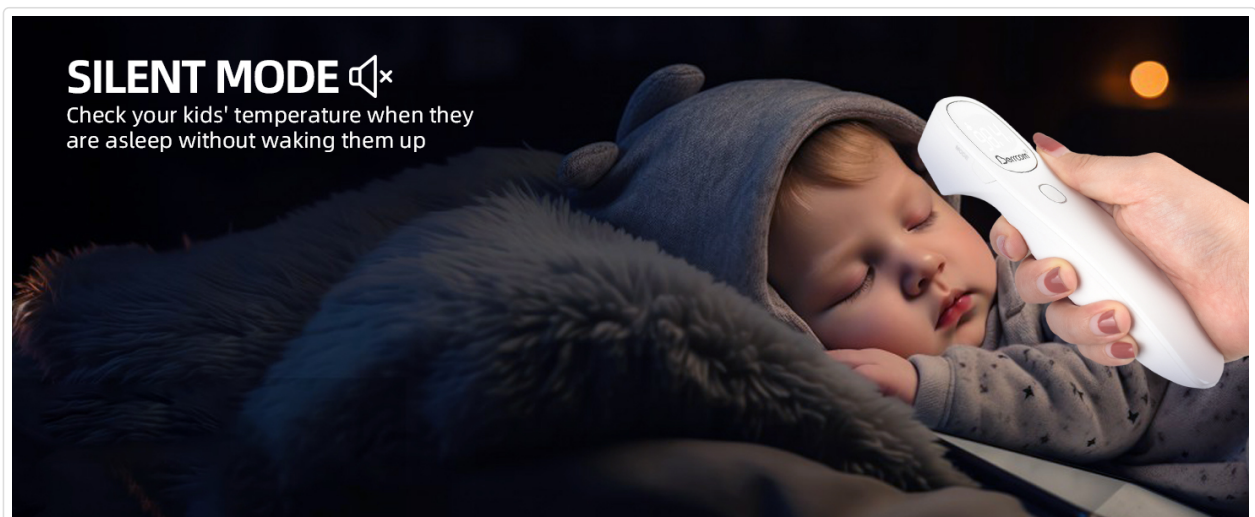
## Memory Recall



**Image:** The Berrcom JXB311 thermometer illustrating its 32-reading memory function, useful for tracking temperature trends.

The JXB311 can store up to 32 temperature readings. To access these, press the 'Mem' button. Each press will cycle through the stored readings.

## Silent Mode



**Image:** The Berrcom JXB311 thermometer being used in silent mode to measure the temperature of a sleeping child without disturbance.

The JXB311 features a mute/unmute function. Refer to the device's specific instructions for activating or deactivating the silent mode, which allows temperature checks without audible beeps.

## 5.2 Berrcom ET005 Forehead and Ear Thermometer

## Forehead Mode Measurement



**Image:** The Berrcom ET005 thermometer demonstrating how to switch between ear and forehead modes by removing or covering the lid.

1. Ensure the magnetic dust cover is on the probe for Forehead Mode.
2. Place the thermometer on the forehead, typically between the eyebrows.
3. Press the measurement button. The temperature will be displayed quickly.

## Ear Mode Measurement

1. Remove the magnetic dust cover to expose the ear probe.
2. Gently insert the probe into the ear canal.
3. Press the measurement button. The temperature will be displayed quickly.

## 6. MAINTENANCE AND CARE

### 6.1 Cleaning

- Use a soft cloth slightly dampened with alcohol (70% isopropyl) to clean the thermometer casing and probe.

- Do not immerse the thermometer in water or any other liquid.
- Ensure the probe is clean and free of debris before each use, especially for the ET005 ear mode.

## 6.2 Storage

- Store the thermometer in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the magnetic dust cover on the ET005 when not in use to protect the ear probe.
- If not using the thermometer for an extended period, remove the batteries to prevent leakage.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead batteries; Incorrect battery installation	Replace batteries; Check battery polarity
Inaccurate readings	Dirty probe; Incorrect measurement distance (JXB311); Sweat/grease on skin; Device not acclimatized to room temperature	Clean probe; Ensure correct distance (3-5cm for JXB311); Wipe skin clean; Allow thermometer to sit in room for 30 minutes before use
Error message on display	Measurement out of range; Device malfunction	Ensure measurement is within operating range; Restart device; If problem persists, contact support
Fever alarm sounds frequently (JXB311)	Temperature is consistently above 38°C/100.4°F	This indicates an elevated temperature. Consult a medical professional if concerned.

## 8. SPECIFICATIONS

### 8.1 Berrcom JXB311 Non-Contact Infrared Thermometer

- **Measurement Method:** Non-Contact Infrared
- **Display Type:** Digital LED
- **Measurement Distance:** 3-5 cm
- **Body Temperature Range:** 32°C to 43°C (89.6°F to 109.4°F)
- **Object Temperature Range:** 0°C to 60°C (32°F to 140°F)
- **Room Temperature Range:** 0°C to 40°C (32°F to 104°F)
- **Accuracy:** ±0.1°C / 0.2°F
- **Memory:** 32 readings
- **Power Source:** Battery Powered (e.g., AAA batteries)
- **Outer Material:** Plastic
- **Special Feature:** Non-Contact, Fever Alarm, °C/°F Switchable, Silent Mode

## 8.2 Berrcom ET005 Forehead and Ear Thermometer

- **Measurement Method:** Forehead and Ear Infrared
- **Display Type:** Digital
- **Accuracy:** Within 0.1 °C
- **Power Source:** Battery Powered
- **Outer Material:** Plastic
- **Special Feature:** Dual Mode, Quick Reading, Magnetic Dust Cover, Quiet Mode, Automatic Shut-off

## 9. PACKAGE CONTENTS



**Image:** The Berrcom JXB311 package contents, showing the thermometer, instruction manual, and AAA batteries.

The Berrcom JXB311 and ET005 bundle typically includes:

- Berrcom JXB311 Non-Contact Infrared Thermometer x 1
- Berrcom ET005 Forehead and Ear Thermometer x 1
- Instruction Manual x 1
- AAA Batteries (quantity as specified by manufacturer)

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the specific warranty card included with your product or visit the official Berrcom website. If you encounter any issues not covered in this manual, please contact Berrcom customer service for assistance.