

Berrcom JXB-178, JXB-311

Berrcom Non-Contact Infrared Forehead Thermometer JXB-178 & No Touch Thermometer JXB-311 User Manual

Models: JXB-178, JXB-311

1. INTRODUCTION

Welcome to the user manual for your Berrcom Non-Contact Infrared Forehead Thermometer (Model JXB-178) and Berrcom No Touch Thermometer (Model JXB-311) bundle. This manual provides essential information for the safe and effective use of both devices. Please read it thoroughly before operation and keep it for future reference. These thermometers are designed for accurate and convenient temperature measurement, suitable for family use, nurseries, and clinics.

2. IMPORTANT SAFETY INFORMATION

- Do not immerse the device in water or other liquids.
- Keep the device away from direct sunlight, dust, and extreme temperatures.
- Ensure the measurement area (forehead) is clean and free of sweat, perspiration, or grease for accurate readings.
- Do not drop or subject the device to strong impact.
- This device is intended for household and clinical use as a non-contact thermometer. Consult a medical professional for any health concerns.
- Keep out of reach of children.
- The Berrcom infrared thermometers meet medical grade accuracy standards.

3. PRODUCT OVERVIEW

3.1 Berrcom JXB-178 Non-Contact Infrared Forehead Thermometer

The JXB-178 is a versatile non-contact infrared thermometer designed for quick and accurate temperature readings of the human body, objects, and room environments.



Image: The Berrcom JXB-178 (left) and JXB-311 (right) thermometers, showcasing their distinct designs.



Image: The Berrcom JXB-178 thermometer displayed alongside its product packaging.

Key Features of JXB-178:

- **Non-Contact Instant Reading:** Measures temperature without physical contact.
- **Memory Recall:** Stores the latest 32 temperature readings.
- **Auto Shut-Off:** Automatically turns off after 30 seconds of inactivity to conserve power.
- **3-Color Backlight with Fever Alarm:** Display changes color (Green, Orange, Red) to indicate normal, elevated, or fever temperatures, accompanied by an audible alarm.
- **Mute and Buzzer Modes:** Allows switching between audible alerts and silent operation.
- **3-in-1 Mode:** Capable of measuring Forehead, Object, and Room temperatures.

3.2 Berrcom JXB-311 No Touch Thermometer

The JXB-311 is a compact and ergonomic no-touch thermometer, providing fast and accurate temperature readings with ease.



Image: The Berrcom JXB-311 No Touch Thermometer, shown in a vertical orientation.

Clear reading in the dark

LED



 Day
 Night

Image: A detailed diagram of the Berrcom JXB-311 thermometer, highlighting its key components such as the infrared sensor, LED panel, and various control buttons.

Key Features of JXB-311:

- **Non-Contact Measurement:** Allows for hygienic temperature taking.
- **Clear Reading in Dark:** Features an LED display for visibility in low-light conditions.
- **Fast & Accurate:** Provides rapid and precise temperature readings.
- **Optimal Measuring Distance:** Designed for effective measurement at 1.2-2 inches from the forehead.

4. SETUP AND INITIAL USE

4.1 Battery Installation

Both JXB-178 and JXB-311 thermometers are battery-powered. To install or replace batteries:

1. Locate the battery compartment cover, typically on the handle or back of the device.
2. Slide or open the cover according to the indicator.

3. Insert the required batteries (e.g., AAA or AA, refer to the device's battery compartment for specific type and polarity) ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image: A diagram of the JXB-311 thermometer, indicating the location of the battery compartment at the bottom of the device.

4.2 First Use

After installing batteries, the device should power on. Some models may require a brief calibration or self-test upon first activation. Ensure the display is clear and ready for measurement.

5. OPERATING INSTRUCTIONS

5.1 Berrcom JXB-178 Operation

Taking a Forehead Temperature:

1. Ensure the thermometer is in 'Body' mode. If not, press the 'MODE' button to switch.
2. Hold the thermometer approximately 1.2 to 2 inches (3-5 cm) from the center of the forehead.

3. Press the measurement button (trigger). The temperature will be displayed instantly.
4. Observe the backlight color and listen for the fever alarm if applicable.



Image: An adult using the Berrcom JXB-178 thermometer to take a child's forehead temperature while the child is resting.

Object and Room Temperature Measurement:

The JXB-178 can also measure the temperature of objects and rooms.

1. Press the 'MODE' button repeatedly until 'Object' or 'Room' mode is selected on the display.
2. Point the thermometer at the object or area you wish to measure.
3. Press the measurement button. The temperature will be displayed.



Image: Three scenarios demonstrating the JXB-178's versatility: measuring a baby's forehead, the temperature of a beverage, and the ambient room temperature.

Understanding the Backlight and Fever Alarm:

The JXB-178 features a smart backlight system to visually indicate temperature status:

- **Green Backlight:** Indicates a normal temperature.
- **Orange Backlight:** Indicates an elevated temperature, approaching fever range.
- **Red Backlight:** Indicates a fever, accompanied by an audible alarm.

FAST & ACCURATE

Infrared Precision Probe



Image: The JXB-178 thermometer's display showing examples of green, orange, and red backlights corresponding to different temperature readings.

Mute and Buzzer Modes:

To switch between mute and buzzer modes, press the sound icon button. This allows for silent temperature taking, especially useful when the subject is sleeping.

FOREHEAD & OBJECT & ROOM

easy to measure for
human, object & room temperature



Image: The JXB-178 thermometer's display showing the mute icon, indicating silent mode is active.

Memory Recall:

The JXB-178 can store up to 32 previous temperature readings. To access these, press the 'MEM' button. Each press will cycle through the stored readings.

5.2 Berrcom JXB-311 Operation

Taking a Forehead Temperature:

1. Ensure the thermometer is powered on.
2. Hold the thermometer 1.2 to 2 inches (3-5 cm) from the center of the forehead.
3. Press the 'On/Scan' button. The temperature will be displayed on the LED screen.



Image: A hand holding the Berrcom JXB-311 thermometer, positioned to take a baby's temperature without direct contact.

Switching Temperature Units (°F/°C):

To switch between Fahrenheit (°F) and Celsius (°C) on the JXB-311:

1. With the device off, press and hold the 'On/Scan' button for 3-5 seconds.
2. The display will show 'F1'.
3. Press the 'MODE' button to toggle between °F and °C.
4. Confirm your selection by pressing the 'MEM' button.

6. MAINTENANCE AND CARE

- **Cleaning:** Wipe the thermometer body with a soft, dry cloth. For the probe, use an alcohol swab or a cotton swab moistened with alcohol (70% isopropyl alcohol is recommended). Do not use abrasive cleaners or immerse the device.
- **Storage:** Store the thermometer in a cool, dry place, away from direct sunlight, high temperatures, and humidity. Keep it in its original packaging when not in use for extended periods.

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Dispose of used batteries responsibly according to local regulations.
- **Calibration:** The thermometers are factory calibrated. If you suspect an issue with accuracy, contact customer support.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate or inconsistent readings	Improper measuring distance; sweat, hair, or cosmetics on forehead; rapid temperature changes in environment; dirty sensor.	Ensure correct measuring distance (1.2-2 inches). Clean forehead area. Allow thermometer to acclimate to room temperature for 15-20 minutes before use. Clean the sensor with an alcohol swab.
Device does not turn on	Dead or incorrectly installed batteries.	Replace batteries with new ones. Check battery polarity (+/-).
Display shows 'Lo' or 'Hi'	Temperature is outside the measurable range.	Ensure the thermometer is used within its specified operating temperature range. For body temperature, ensure the subject's temperature is within human physiological limits.
No response from buttons	Device frozen or malfunction.	Remove and reinsert batteries to reset the device. If the problem persists, contact customer support.

8. PRODUCT SPECIFICATIONS

8.1 Berrcom JXB-178 Non-Contact Infrared Forehead Thermometer

- **Special Feature:** Non-Contact
- **Display Type:** Digital
- **Power Source:** Battery Powered
- **Included Components:** JXB-178 Thermometer
- **Measurement Modes:** Body, Object, Room
- **Memory Capacity:** 32 readings
- **Auto Shut-off:** 30 seconds

8.2 Berrcom JXB-311 No Touch Thermometer

- **Special Feature:** Non-Contact
- **Display Type:** Digital (LED)
- **Power Source:** Battery Powered
- **Included Components:** JXB-311 Thermometer
- **Optimal Measuring Distance:** 1.2-2 inches

General Specifications for Both Models:

- **Brand:** Berrcom
- **Color:** White
- **Outer Material:** Plastic
- **Specification Met:** ISO 13485
- **Age Range (Description):** Adult (suitable for all ages with proper use)

9. WARRANTY AND SUPPORT




Berrcom is committed to providing high-quality healthcare products. While specific warranty details are not provided in this manual, Berrcom has over 20 years of development in infrared technology and holds numerous patents, reflecting a commitment to quality and innovation.


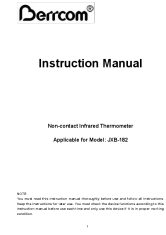

For product support, technical assistance, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Berrcom brand store on Amazon:

[Visit the Berrcom Store](#)

© 2024 Berrcom. All rights reserved.

Related Documents - JXB-178, JXB-311

	<p>Berrcom JXB-311 Non-contact Infrared Thermometer User Manual</p> <p>Comprehensive user manual for the Berrcom JXB-311 non-contact infrared thermometer, covering setup, operation, troubleshooting, specifications, and warranty information.</p>
	<p>JXB-178 Non-Contact Infrared Thermometer User Guide</p> <p>Comprehensive user guide for the Berrcom JXB-178 non-contact infrared thermometer, detailing its features, operating principles, measurement methods, technical specifications, and troubleshooting tips for accurate temperature readings.</p>
	<p>Berrcom JXB-195 Non-contact Infrared Thermometer Instruction Manual</p> <p>Comprehensive instruction manual for the Berrcom JXB-195 non-contact infrared thermometer. Learn about its intended use, safety precautions, operation modes, technical specifications, and maintenance for accurate forehead temperature readings in home and clinical settings.</p>

	<p>Berrcom JXB-178 Infrared Thermometer: User Guide and Specifications</p> <p>Learn how to use the Berrcom JXB-178 non-contact infrared thermometer for accurate body and surface temperature readings. This guide covers features, operation, specifications, and safety precautions.</p>
	<p>Berrcom JXB-182 Non-Contact Infrared Thermometer Instruction Manual</p> <p>Comprehensive instruction manual for the Berrcom JXB-182 non-contact infrared thermometer. Covers intended use, safety precautions, operating instructions, technical specifications, maintenance, and disposal for accurate forehead temperature measurement in household and clinical settings.</p>
	<p>Berrcom JXB-178 Non-contact Infrared Thermometer User Manual</p> <p>This document is the official user manual for the Berrcom JXB-178 Non-contact Infrared Thermometer. It provides detailed instructions on intended use, safety precautions, operation, technical specifications, and troubleshooting for accurate temperature measurement.</p>