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## Berrcom JXB-178

# Berrcom JXB-178 Infrared Forehead Thermometer User Manual

Model: JXB-178

Brand: Berrcom

## INTRODUCTION

This user manual provides essential information for the safe and effective operation of your Berrcom JXB-178 Infrared Forehead Thermometer. Please read this manual thoroughly before use and retain it for future reference.



The Berrcom JXB-178 Infrared Forehead Thermometer, shown alongside its retail packaging, highlights its non-contact design and digital display.

## PRODUCT FEATURES

- Non-contact Design:** Special designed to take human body temperature with a 3cm-5cm (1.2in-2in) distance from the forehead.
- Accurate and Reliable Measurement:** Utilizes advanced infrared technology to scan and measure temporal artery temperature on the forehead, providing quick, accurate, and reliable readings.
- Complete Features:** Practical and easy to use. Simply aim at the body's forehead and press the scan button. Temperature units can be displayed in either Celsius (°C) or Fahrenheit (°F).
- Memory Recall and Fever Alarm:** Stores the last 32 temperature measurements. The backlit display turns RED and an audible alarm sounds if body temperature exceeds 38°C (100.4°F).
- 100% Safe and Hygienic:** Safe for all ages and groups, ensuring complete hygiene as it does not require physical contact. It can measure body, surface, and room temperature. Equipped with automatic power-off

(30 seconds) to conserve energy.

## SETUP

### Battery Installation

The Berrcom JXB-178 thermometer requires 2 AA batteries for operation.

1. Locate the battery compartment cover on the handle of the thermometer.
2. Gently slide or open the cover.
3. Insert 2 AA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

*Note: Batteries are typically included with the product. Ensure they are inserted correctly to avoid malfunction.*





Side view of the Berrcom JXB-178 thermometer, illustrating its compact size (6 inches long, 3.25 inches wide) and the location of the battery compartment on the handle.

## OPERATING INSTRUCTIONS

### Taking a Body Temperature Reading

1. Ensure the thermometer is in "Body" mode. Press the "MODE" button to cycle through modes (Body, Surface Temp, Room) until "Body" is displayed.
2. Hold the thermometer 3cm-5cm (1.2in-2in) away from the center of the forehead.
3. Press the measurement trigger (scan button) located on the handle.
4. The temperature reading will appear on the digital display within 1 second.
5. If the temperature exceeds 38°C (100.4°F), the display backlight will turn RED, and an audible alarm will sound.

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

To switch between Celsius (°C) and Fahrenheit (°F):

1. With the thermometer powered on, press and hold the "MODE" button for a few seconds until the unit changes.
2. Release the button when your desired unit is displayed.

### Memory Recall

The thermometer can store up to 32 previous temperature measurements.

1. Press the "MEM" button to view the stored readings.
2. Each press will cycle through the stored measurements.

### Volume Control

To adjust the volume of the audible alerts:

1. Press the speaker icon button (between MODE and MEM) to toggle the sound on or off.

## MAINTENANCE

## Cleaning the Thermometer

To ensure accurate readings and hygiene, clean the thermometer regularly.

1. Use a soft cloth slightly dampened with alcohol (70% isopropyl) to wipe the surface of the thermometer.
2. Pay special attention to the probe tip (infrared sensor).
3. Do not immerse the thermometer in water or any other liquid.
4. Allow the thermometer to air dry completely before storage or next use.

## Storage

Store the thermometer in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.

Keep out of reach of children.

## Battery Replacement

Replace batteries when the low battery indicator appears on the display. Follow the battery installation steps.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
"Lo" or "Hi" displayed	Temperature is outside the measurable range (e.g., too low or too high for body temperature).	Ensure the thermometer is held at the correct distance (3-5cm) from the forehead. Check ambient room temperature. If measuring body temperature, ensure the subject is not in an extremely cold or hot environment.
Inaccurate readings	Dirty sensor, incorrect measurement distance, or environmental factors.	Clean the infrared sensor carefully. Ensure the thermometer is held at the specified distance. Avoid taking measurements immediately after strenuous activity or in drafts. Allow the thermometer to acclimate to room temperature for 15-20 minutes if moved from a different environment.
No display/Does not turn on	Dead or incorrectly installed batteries.	Check battery polarity. Replace with new AA batteries.
Audible alarm sounds frequently	Consistent high temperature readings.	This indicates a fever. Consult a medical professional if concerned.



The back of the Berrcom JXB-178 thermometer, showing regulatory markings, model number JXB-178, battery requirements

(DC 3V), and measuring distance (3cm-5cm).

## SPECIFICATIONS

Feature	Detail
Brand	Berrcom
Model Name	JXB-178
Special Feature	Non-Contact
Color	Red
Age Range (Description)	Adult
Included Components	Infrared Forehead Thermometer
Outer Material	Plastic
Display Type	Digital
Connectivity Technology	Infrared
Product Care Instructions	Wipe Clean
Unit Count	1.0 Count
Power Source	Battery Powered
Number of Batteries	2 AA batteries required. (included)
Item Length	6 Inches
Upper Temperature Rating	100.4 Degrees Fahrenheit
Response Time	1 seconds
Reusability	Reusable
Indoor/Outdoor Usage	Indoor
UPC	609147524075
Manufacturer	Berrcom.
Item Weight	5.9 ounces
ASIN	B08KGYJJGL
Date First Available	September 30, 2020
Item Package Dimensions L x W x H	7.24 x 4.76 x 2.24 inches
Size	1 Count (Pack of 1)
Number of Items	1



A close-up view of the infrared sensor located at the front of the Berrcom JXB-178 thermometer, which is crucial for non-contact temperature measurement.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Berrcom website or contact their customer service directly.

*Legal Disclaimer: Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition.*

### Related Documents - JXB-178

	<p><a href="#">JXB-178 Non-Contact Infrared Thermometer User Guide</a></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><a href="#">Berrcom JXB-178 Infrared Thermometer: User Guide and Specifications</a></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>

 <b>Instruction Manual</b>  <small>Non-contact Infrared Thermometer Applicable for Model: JXB-195</small>  <small>NOTE: This is a non-medical device. This instruction manual is not a medical device. The manufacturer reserves the right to alter the specifications of the product without prior notification.</small>	<p><b><a href="#">Berrcom JXB-195 Non-contact Infrared Thermometer Instruction Manual</a></b></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>
 <b>Instruction Manual</b>  <small>Non-contact Infrared Thermometer Applicable for Model: JXB-182</small>  <small>NOTE: This is a non-medical device. This instruction manual is not a medical device. The manufacturer reserves the right to alter the specifications of the product without prior notification.</small>	<p><b><a href="#">Berrcom JXB-182 Non-Contact Infrared Thermometer Instruction Manual</a></b></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>
   <small>THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION</small>  <small>Non-contact Infrared Thermometer (JXB-311)</small>	<p><b><a href="#">Berrcom JXB-311 Non-contact Infrared Thermometer User Manual</a></b></p> <p>Comprehensive user manual for the Berrcom JXB-311 non-contact infrared thermometer, covering setup, operation, troubleshooting, specifications, and warranty information.</p>
   <small>THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION</small>	<p><b><a href="#">Berrcom JXB-178 Non-contact Infrared Thermometer User Manual</a></b></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>