

Berrcom ET003, JXB-178

Berrcom Thermometer Instruction Manual

Models: ET003 Forehead and Ear Thermometer & JXB-178 Forehead Thermometer

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Berrcom ET003 Forehead and Ear Thermometer and Berrcom JXB-178 Forehead Thermometer. Please read this manual thoroughly before using the devices and retain it for future reference. These thermometers are designed for accurate temperature measurement for individuals of all ages.



Image: The Berrcom ET003 thermometer in use, demonstrating its application for infants.

2. IMPORTANT SAFETY INFORMATION

- Do not attempt to disassemble or repair the thermometer.
- Keep the device out of reach of children. Small parts may pose a choking hazard.
- Avoid direct sunlight and keep the thermometer away from dust, dirt, and extreme temperatures.
- Do not immerse the thermometer in water or other liquids.
- Consult a physician if you have concerns about temperature readings or health conditions.
- The thermometer is not a substitute for medical consultation.

3. BERRCOM ET003 FOREHEAD AND EAR THERMOMETER

3.1. Product Features

- Dual mode: Forehead and Ear temperature measurement.
- Suitable for infants, children, and adults.
- Quick 1-second measurement.
- Celsius (°C) and Fahrenheit (°F) switchable.
- Automatic shut-off after 30 seconds to conserve battery.
- Fever warning system with short beep and red backlight for high temperatures.
- Memory function to recall previous readings.



Image: The Berrcom ET003 thermometer, illustrating its design for both forehead and ear measurements.

3.2. Battery Installation

1. Open the battery cover located at the bottom of the thermometer.
2. Insert two AAA batteries, ensuring correct polarity (+/-).
3. Close the battery cover securely.

3.3. Operating Instructions (ET003)

3.3.1. Forehead Measurement

1. Ensure the probe cover is attached for forehead mode.
2. Press the 'START' button to turn on the thermometer.
3. Position the thermometer probe at the center of the forehead, approximately 1-2 inches away.
4. Press the 'START' button again. The reading will appear on the display within 1 second.



Image: Proper technique for taking a forehead temperature reading with the ET003 thermometer.

3.3.2. Ear Measurement

1. Remove the probe cover to expose the ear probe.
2. Press the 'START' button to turn on the thermometer.
3. Gently insert the probe into the ear canal. For children under 1 year, gently pull the ear straight back. For children over 1 year and adults, gently pull the ear up and back.
4. Press the 'START' button again. The reading will appear on the display within 1 second.

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Image: Correct method for taking an ear temperature reading with the ET003 thermometer.

3.3.3. Temperature Unit Switching (°C/°F)

With the device turned off, press and hold the 'MOD' button for approximately 3 seconds. The display will show the current unit, then switch to the other unit. Release the button to select the desired unit.

Easy Switch °C/°F



Image: Visual representation of switching between Celsius and Fahrenheit temperature units on the ET003.

3.3.4. Fever Alarm

The ET003 thermometer features a fever alarm. If the measured temperature exceeds the normal range, the device will emit a short beep, and the screen backlight will turn red, indicating a potential fever.

4. BERRCOM JXB-178 FOREHEAD THERMOMETER

4.1. Product Features

- 3-in-1 functionality: Measures body, object (milk, food), and room temperature.
- Non-contact infrared measurement.
- Backlit LCD display for clear readings, even at night.
- Memory function stores the last 32 temperature measurements.
- Celsius (°C) and Fahrenheit (°F) switchable.
- Automatic shut-off after 30 seconds to conserve battery.

- Fever alarm with color-coded backlight (green, orange, red).



Image: The Berrcom JXB-178 thermometer and its retail packaging.

4.2. Battery Installation

1. Open the battery compartment cover on the handle.
2. Insert two AAA batteries, observing the correct polarity (+/-).
3. Close the battery compartment cover firmly.

4.3. Operating Instructions (JXB-178)

4.3.1. Body Temperature Measurement

1. Press the 'MODE' button to ensure the thermometer is in 'Body' mode.
2. Point the thermometer at the center of the forehead, approximately 0.3-1.5 inches (1-3 cm) away.
3. Press the measurement button (trigger). The temperature reading will display instantly.

Clear Reading

Turn On Silent Mode, Baby Sleeps Soundly



Mute/Unmute Mode



Large Lcd Screen



Non-Contact



Image: The JXB-178 thermometer being used for a non-contact forehead temperature reading on a sleeping child, highlighting its clear backlit display.

4.3.2. Object/Room Temperature Measurement

1. Press the 'MODE' button to switch to 'Object' or 'Room' mode.
2. Point the thermometer at the object or area you wish to measure.
3. Press the measurement button (trigger). The temperature reading will display.

4.3.3. Temperature Unit Switching (°C/°F)

With the thermometer turned on, press and hold the 'MODE' button for a few seconds until the unit changes on the display. Release the button to set the desired unit.

4.3.4. Memory Function

The JXB-178 automatically stores the last 32 temperature readings. To access memory, press the 'MEM' button. Repeated presses will cycle through stored readings.

4.3.5. Fever Alarm and Backlight

The JXB-178 uses a three-color backlight system to indicate temperature status:

- **Green:** Normal temperature.
- **Orange:** Slight fever.
- **Red:** High fever, accompanied by an audible alarm.

Three Colour Backlight



Image: The JXB-178's three-color backlight system indicating temperature status.

4.3.6. Mute/Unmute Mode

The JXB-178 may feature a mute function. Refer to the specific device's buttons for a speaker icon or a dedicated mute button to toggle sound on or off, useful for quiet environments like a sleeping child's room.

5. CARE AND MAINTENANCE

- **Cleaning the Probe:** Use a cotton swab or soft cloth moistened with alcohol (70% isopropyl) to gently clean the thermometer probe after each use. Allow it to air dry completely.
- **Cleaning the Body:** Wipe the thermometer body with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the thermometer in a cool, dry place, away from direct sunlight, dust, and extreme temperatures. If not

in use for an extended period, remove the batteries to prevent leakage.

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Dispose of used batteries according to local regulations.

6. TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
No power/Device won't turn on	Dead or incorrectly inserted batteries.	Replace batteries or check polarity.
Inaccurate readings	Dirty probe, incorrect measurement distance, or environmental factors.	Clean the probe. Ensure correct distance and stable environment. Wait 15-30 minutes after bathing or exercise before measuring.
Error message on display	Measurement outside operating range or device malfunction.	Refer to the specific error code in the full user manual (if available) or contact customer support.
Fever alarm sounds incorrectly	Temperature unit setting is incorrect or environmental factors.	Verify °C/°F setting. Ensure stable room temperature.

7. SPECIFICATIONS

7.1. Berrcom ET003

- Measurement Range: Body Mode: 32.0°C-42.9°C (89.6°F-109.2°F)
- Accuracy: ±0.2°C (±0.4°F)
- Display Resolution: 0.1°C (0.1°F)
- Operating Conditions: 10°C-40°C (50°F-104°F), Humidity ≤85% RH
- Power Supply: DC 3V (2 x AAA batteries)
- Automatic Shut-off: Approximately 30 seconds

7.2. Berrcom JXB-178

- Measurement Range: Body Mode: 32.0°C-42.9°C (89.6°F-109.2°F); Object Mode: 0°C-100°C (32°F-212°F)
- Accuracy: ±0.2°C (±0.4°F) for Body Mode; ±1.0°C (±1.8°F) for Object Mode
- Display Resolution: 0.1°C (0.1°F)
- Operating Conditions: 10°C-40°C (50°F-104°F), Humidity ≤85% RH
- Power Supply: DC 3V (2 x AAA batteries)
- Automatic Shut-off: Approximately 30 seconds

8. WARRANTY AND SUPPORT

Berrcom products are manufactured under strict quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Berrcom website. Please retain your purchase receipt as proof of purchase.

WHAT'S IN THE BOX?



- Thermometer x 1
- Instruction Manual x 1

- Quick Guide x 1
- AAA Batteries x 2



Image: Example of what is included in the product box, such as the thermometer, manual, and batteries.