

## ELERA AOJ-20D

# ELERA Infrared LCD Thermometer User Manual

Model: AOJ-20D

## 1. PRODUCT OVERVIEW

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The ELERA Infrared LCD Thermometer is a versatile and accurate device designed for quick and easy temperature measurement. It features automatic switching between ear and forehead modes, a 1-second measurement time, a 4-color backlight display, and a smart fever indicator. This thermometer is suitable for use with infants, children, and adults, and can also measure the temperature of rooms or objects.



Image 1.1: The ELERA Infrared LCD Thermometer and its retail packaging, highlighting its compact design and clear display.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x ELERA Infrared LCD Thermometer (Model: AOJ-20D)
- 1 x Operating Manual (this document)
- 1 x Quick Start Guide
- 1 x Storage Pouch
- 2 x AAA Batteries

# Package Listing



- \* 1 Retail Box
- \* 1 Infrared Thermometer
- \* 1 Operating Manual
- \* 1 Quick Start Guide
- \* 1 Storage Pouch
- \* 2 AAA Batteries

Image 2.1: All components included in the ELERA Infrared LCD Thermometer package, neatly arranged.

## 3. SETUP

### 3.1 Battery Installation

1. Locate the battery compartment cover on the back of the thermometer.
2. Slide the cover open in the direction indicated by the arrow.
3. Insert the two AAA batteries, ensuring the correct polarity (+ and -) as marked inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

The thermometer is now ready for use. The display will briefly show all segments before entering standby mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Forehead Mode Measurement

For forehead temperature measurement, ensure the protective cap is attached to the probe. The thermometer will automatically switch to forehead mode when the cap is on.

1. Point the thermometer at the center of the forehead, maintaining a distance of 0.30 to 1.18 inches (approximately 1-3 cm).
2. Press the measurement button once.
3. The temperature reading will appear on the LCD screen within 1 second, accompanied by a short beep.



Image 4.1: Demonstrating non-contact forehead temperature measurement, showing the recommended distance from the forehead.

## 4.2 Ear Mode Measurement

For ear temperature measurement, remove the protective cap from the probe. The thermometer will automatically switch to ear mode when the cap is removed.

1. Gently insert the probe into the ear canal. For children, gently pull the earlobe backward to straighten the ear canal.
2. Press the measurement button once.
3. The temperature reading will appear on the LCD screen within 1 second, accompanied by a short beep.

## Ear Mode for children

Ear mode can reflect core temperature , fast and responsive in-ear measurement



Image 4.2: Illustrating ear mode measurement for a baby, emphasizing the fast and responsive in-ear reading.

### 4.3 Switching Between Celsius (°C) and Fahrenheit (°F)

The thermometer supports both Celsius and Fahrenheit units. To switch between them:

- With the thermometer powered off, press and hold the measurement button for approximately 5 seconds.
- The display will show the current unit (°C or °F). Release the button.
- Press the measurement button again briefly to toggle between Celsius and Fahrenheit.
- Once your desired unit is displayed, wait a few seconds for the thermometer to automatically save the setting and turn off.



Image 4.3: Visual guide for switching between Celsius and Fahrenheit temperature units.

#### 4.4 Backlight Display and Fever Indicator

The LCD screen features a 4-color backlight system to indicate temperature status:

- **Blue**: Power on & Steady (Normal operating state)
- **Green**: Normal temperature
- **Orange**: Slight fever (temperature higher than normal range)
- **Red**: High fever (temperature significantly elevated)

When a fever is detected (orange or red backlight), a short beep will sound to alert the user.

# 4-COLOR BACKLIGHT

4 colors display indicate body temperature status  
High temperature alarm



Image 4.4: The thermometer's display showing the four different backlight colors corresponding to temperature ranges.

## 4.5 Mute Mode

The thermometer includes a mute mode for silent operation, ideal for taking temperatures without disturbing a sleeping baby.

- To activate/deactivate mute mode, locate the mute button (often indicated by a speaker icon with a slash) on the side or front of the device.
- Press this button to toggle the sound on or off. A visual indicator on the LCD screen will confirm the mute status.

## Clear Reading In Dark

Mute mode and LED backlight display make nighttime use hassle-free



Image 4.5: Using the thermometer in mute mode to take a sleeping baby's temperature without disturbance.

### 4.6 Object/Room Temperature Measurement

This thermometer can also measure the temperature of objects or rooms. This mode is typically accessed by a dedicated button or by holding the measurement button for a specific duration when the cap is on. Refer to the Quick Start Guide for precise instructions on activating this mode.

### 4.7 Memory Recall

The thermometer stores previous temperature readings to help track changes over time. It can recall up to 40 sets of readings.

- To access memory mode, press the 'M' button (Memory button) on the device.
- Each subsequent press of the 'M' button will cycle through the stored readings, from most recent to oldest.

## 5. MAINTENANCE AND CARE

### 5.1 Cleaning the Thermometer

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

- Wipe the probe and the body of the thermometer with a soft cloth dampened with 75% alcohol or soap and water.
- Do not immerse the thermometer in water or any other liquid.
- Allow the thermometer to air dry completely before storing.

## 5.2 Storage

When not in use, store the thermometer in its provided storage pouch in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if the device will not be used for an extended period.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Thermometer won't turn on	Batteries are dead or incorrectly inserted.	Check battery polarity. Replace with new AAA batteries.
Inaccurate readings	Improper measurement technique; dirty probe; extreme ambient temperature.	Ensure correct distance/insertion. Clean the probe. Allow thermometer to acclimate to room temperature for 30 minutes.
"Lo" or "Hi" displayed	Temperature is outside the measurable range.	Ensure the thermometer is used within its specified operating temperature range.
No beep sound	Mute mode is activated.	Deactivate mute mode (refer to section 4.5).

## 7. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	AOJ-20D
Measurement Modes	Forehead, Ear, Object/Room
Measurement Time	1 second
Display Type	LCD with 4-color backlight
Temperature Units	Celsius (°C) / Fahrenheit (°F)
Memory Recall	Up to 40 readings
Power Source	2 x AAA Batteries (included)
Product Dimensions	6.69 x 1.77 x 1.77 inches
Product Weight	4.94 ounces
Material	Plastic
Recommended Age	0 months and up

## 8. WARRANTY AND CUSTOMER SUPPORT

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ELERA is committed to providing high-quality and easy-to-use professional home medical devices. Your ELERA Infrared LCD Thermometer comes with dedicated customer service to assist with any inquiries or issues.

For support, please refer to the contact information provided in the Quick Start Guide or on the product packaging. Please retain your purchase receipt for warranty purposes.

*Note: 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. This product is a medical device and should be used according to instructions.*