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> iProven NCT-978 Infrared Forehead Thermometer User Manual

## iProven NCT-978

# iProven NCT-978 Infrared Forehead Thermometer User Manual

Brand: iProven | Model: NCT-978

## 1. INTRODUCTION

Thank you for choosing the iProven NCT-978 Infrared Forehead Thermometer. This device is designed for accurate, non-contact temperature measurement for adults, infants, and objects. Please read this manual carefully before use to ensure proper operation and to maintain the device's longevity.

## 2. PRODUCT OVERVIEW

### 2.1 Components and Features



Figure 1: Key components of the iProven NCT-978 Infrared Forehead Thermometer.

- **LCD Display:** Shows temperature readings, mode indicators, and battery status.
- **Menu Buttons:** For setting modes, accessing memory, and switching units.
- **Infrared Sensor:** Detects infrared energy emitted by the forehead or object.
- **On-Button / Start Measurement:** Powers on the device and initiates a temperature reading.
- **Battery Cover:** Protects the battery compartment.

## 2.2 Key Features

- **Touchless Infrared Measurement:** Measures body, object, and room temperature from a safe distance of 0.4 to 2 inches.
- **Accurate and Fast Result:** Provides 0.1 °C accurate readings within 1 second using advanced infrared technology.
- **Colored Fever Indication:** The display changes color to indicate temperature ranges (green for normal, orange for elevated, red for fever).
- **Audible Fever Alarm:** An alarm sounds when a fever is detected.

- **Silent Mode:** Allows for temperature checks without disturbing sound, ideal for sleeping infants.
- **Memory Mode:** Stores up to 50 previous temperature readings for tracking.
- **Automatic Shutdown:** Conserves battery life by automatically turning off after a period of inactivity.
- **Backlit Screen:** Ensures readability in low-light conditions.

## 3. SETUP

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### 3.1 Battery Installation

The thermometer requires 2 AAA batteries, which are included with the product.

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

### 3.2 Power On and Unit Selection

1. Press the On-Button to power on the thermometer. The display will show a self-test sequence.
2. To switch between Celsius (°C) and Fahrenheit (°F), press the 'SET' button while the device is on. The current unit will be displayed. Continue pressing 'SET' until your desired unit is shown.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Taking a Body Temperature Measurement



Figure 2: Proper technique for 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 0.4 to 2 inches (1-5 cm) from the center of the forehead.
3. Press the On-Button / Start Measurement button once.
4. The temperature reading will appear on the display within 1 second.
5. Observe the display color: Green indicates normal temperature, Orange indicates elevated temperature, and Red indicates fever.

#### 4.2 Taking Object or Room Temperature Measurement

1. Press the 'MODE' button to switch to 'Object' or 'Room' mode. The icon on the display will change accordingly.
2. Point the thermometer at the object or in the direction of the room you wish to measure.
3. Press the On-Button / Start Measurement button.
4. The temperature reading will be displayed.

## 5. MODES AND SETTINGS

### 5.1 Silent Mode

To activate or deactivate Silent Mode, press and hold the 'MODE' button for a few seconds until the sound icon appears or disappears on the display. In Silent Mode, the thermometer will not emit beeping sounds, which is useful for measuring temperature while a baby is sleeping.

### 5.2 Memory Mode

The thermometer automatically stores the last 50 temperature readings. To access these readings:

1. With the thermometer powered on, press the 'MEM' button.
2. Each press of the 'MEM' button will cycle through the stored readings, from most recent to oldest.

## 6. CARE AND MAINTENANCE

- **Cleaning:** Wipe the thermometer's surface and the infrared sensor with a soft cloth slightly dampened with alcohol or a mild disinfectant. Do not immerse the thermometer in water or any other liquid.
- **Storage:** Store the thermometer in a cool, dry place, away from direct sunlight, dust, and extreme temperatures.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Dispose of used batteries according to local regulations.
- **Avoid Drops:** Protect the device from strong impacts or drops.

## 7. TROUBLESHOOTING

| Problem                             | Possible Cause                                                                                 | Solution                                                                                                                                                                                           |
|-------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No display after pressing On-Button | Batteries are dead or incorrectly inserted.                                                    | Check battery polarity or replace with new AAA batteries.                                                                                                                                          |
| Inaccurate readings                 | Incorrect measurement distance; dirty sensor; environmental factors (drafts, direct sunlight). | Ensure proper distance (0.4-2 inches); clean the sensor; measure in a stable environment. Allow thermometer to acclimate to room temperature for 30 minutes if moved from a different environment. |
| Display shows 'Lo' or 'Hi'          | Temperature is outside the measurable range.                                                   | Ensure you are measuring within the specified temperature range for body or object mode.                                                                                                           |
| Thermometer beeps continuously      | Fever alarm activated.                                                                         | This indicates a detected fever. To silence, activate Silent Mode (see Section 5.1).                                                                                                               |

## 8. SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature                 | Detail                                               |
|-------------------------|------------------------------------------------------|
| Model Number            | NCT-978                                              |
| Product Dimensions      | 2 x 0.01 x 0.01 inches; 5.61 ounces                  |
| Batteries               | 2 AAA batteries (included)                           |
| Measurement Type        | Non-Contact Infrared                                 |
| Measurement Distance    | 0.4 to 2 inches (1-5 cm)                             |
| Accuracy                | 0.1 °C / 0.2 °F                                      |
| Measurement Time        | 1 second                                             |
| Memory Storage          | 50 readings                                          |
| Display Type            | Digital with Backlight                               |
| Special Features        | Fever Alarm, Silent Mode, Memory Mode, Auto-Shutdown |
| Age Range (Description) | Infant (suitable for all ages)                       |
| Outer Material          | Plastic                                              |
| Specification Met       | FDA                                                  |
| Manufacturer            | iProven                                              |

## 9. WARRANTY AND SUPPORT

The iProven NCT-978 Infrared Forehead Thermometer comes with a one-year warranty. iProven is committed to providing long-term friendly customer service. For any questions, concerns, or support needs regarding your thermometer, please contact iProven customer service through their official website or the contact information provided with your purchase.

Please retain your proof of purchase for warranty claims.

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Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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