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### Braun IRT4520MNLA

# Braun ThermoScan Tympanic Ear Thermometer

MODEL: IRT4520MNLA

User Manual

## Introduction

The Braun ThermoScan Tympanic Ear Thermometer, Model IRT4520MNLA, is designed to provide accurate and reliable temperature readings. Utilizing Braun's patented pre-warmed tip and ExacTemp technology, this device is a trusted choice among health professionals for its precision and ease of use. It is suitable for infants, children, and adults, offering readings in both Fahrenheit and Celsius.



Image: Braun ThermoScan Tympanic Ear Thermometer with its protective case.

### Key Features:

- Professional technology ensures accuracy every time.
- Fast, gentle, and easy to use.
- Recommended for infants, children, and adults.
- Displays readings in Fahrenheit or Celsius.
- Includes thermometer, protective case, 21 disposable lens filters, and 2 AA batteries.

### Setup

1. **Install Batteries:** Open the battery compartment (usually located at the bottom or back of the device). Insert the 2 AA batteries provided, ensuring correct polarity (+/-). Close the compartment securely.
2. **Attach a New Lens Filter:** The thermometer requires a new, clean disposable lens filter for each measurement to ensure hygiene and accuracy.
  - Remove the thermometer from its protective case.
  - Gently push a new disposable lens filter onto the thermometer tip until it clicks into place. Ensure it is seated firmly.

3. **Initial Power On:** Press the power button ( ) to turn on the thermometer. The display will show a brief self-test, followed by the last temperature reading, and then three dashes (---) indicating it is ready for use.

Image: Illustration showing how to insert batteries into the thermometer.

Image: Illustration demonstrating how to attach a new disposable lens filter to the thermometer tip.

## Operating Instructions

1. **Prepare for Measurement:** Ensure a new, clean disposable lens filter is securely attached to the thermometer tip.
2. **Position the Thermometer:** Gently insert the thermometer tip into the ear canal. For accurate readings, ensure the probe is aimed towards the opposite temple. 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.
3. **Take Temperature:** Press and release the temperature button (usually indicated by a thermometer icon). A long beep will signal the completion of the measurement.
4. **Read the Display:** The temperature reading will be displayed on the screen. The ExacTemp technology confirms secure position and accurate reading with a light and a beep.
5. **Remove and Discard Lens Filter:** Press the eject button (usually located near the probe) to remove and discard the used lens filter. Avoid touching the used filter.
6. **Power Off:** The thermometer will automatically turn off after 60 seconds of inactivity to conserve battery life, or you can manually press and hold the power button ( ) until the display turns off.

Image: Diagram illustrating correct thermometer positioning in an adult's ear.

Image: Diagram illustrating correct thermometer positioning in a child's ear.

## Maintenance

- **Cleaning the Thermometer:** After each use, and after discarding the lens filter, wipe the probe and the main body of the thermometer with an alcohol swab or a soft cloth dampened with alcohol. Do not immerse the thermometer in water or any cleaning solution.
- **Replacing Lens Filters:** Always use genuine Braun disposable lens filters to ensure accuracy and hygiene. Replace the lens filter after each use.
- **Battery Replacement:** When the low battery indicator appears on the display, replace the 2 AA batteries. Ensure the battery compartment is closed securely after replacement.
- **Storage:** Store the thermometer in its protective case in a dry, clean location away from direct sunlight and extreme temperatures.

Image: A hand cleaning the thermometer probe with an alcohol wipe.

## Troubleshooting

Problem	Possible Cause	Solution
Inaccurate readings	Used or improperly attached lens filter; incorrect probe positioning; earwax obstruction.	Ensure a new, clean lens filter is attached correctly. Verify proper probe positioning. Consult a healthcare professional if earwax is suspected.

Problem	Possible Cause	Solution
"POS" or "ERR" displayed	Incorrect probe positioning or movement during measurement.	Re-position the thermometer correctly in the ear canal and remain still during measurement.
Low battery indicator	Batteries are running low.	Replace the 2 AA batteries with new ones.
Thermometer does not turn on	Dead batteries; incorrect battery installation.	Check battery installation and replace batteries if necessary.

## Specifications

- **Model Number:** IRT4520MNLA
- **Product Dimensions:** 9.21 x 6.38 x 2.28 inches
- **Weight:** 3.53 ounces
- **Power Source:** 2 AA batteries (included)
- **Display Type:** Digital
- **Measurement Method:** Tympanic (Ear)
- **Special Feature:** High Accuracy, ExacTemp Technology, Pre-warmed Tip
- **Included Components:** Thermometer, protective case, 21 disposable lens filters, 2 batteries
- **Product Care:** Wipe Clean

## Warranty and Support

Braun products are manufactured to meet the highest quality standards. In the unlikely event of a defect in materials or workmanship, your Braun ThermoScan Tympanic Ear Thermometer is covered by a limited warranty from the date of purchase. Please refer to the warranty card included in your product packaging for specific terms and conditions.

For technical support, troubleshooting assistance, or to inquire about replacement parts (such as disposable lens filters), please visit the official Braun website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.