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> Momcozy FC-IR300 Non-Contact Forehead and Ear Thermometer Instruction Manual

Momcozy FC-IR300

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Model: FC-IR300

1. INTRODUCTION

Thank you for choosing the Momcozy FC-IR300 Non-Contact Forehead and Ear Thermometer. This device is designed for safe, fast, and accurate temperature measurement for individuals of all ages, as well as objects and room environments. Please read this manual thoroughly before use to ensure proper operation and to maintain the accuracy and longevity of your thermometer.

2. SAFETY INFORMATION

- This thermometer is intended for household use only. Consult a medical professional for any health concerns.
- Do not attempt to disassemble or repair the device.
- Keep the device out of reach of children and pets.
- Avoid direct sunlight and extreme temperatures.
- Ensure the probe is clean before each use to prevent inaccurate readings.
- If the device is dropped or damaged, discontinue use.

3. PRODUCT OVERVIEW AND COMPONENTS

The Momcozy FC-IR300 thermometer is designed for ease of use with multiple measurement functions. The package includes the thermometer, 2 AAA batteries, a carrying bag, and this product manual.

Thermometer Self-introduction



Figure 1: Thermometer Parts Diagram. This image displays the Momcozy FC-IR300 thermometer with its key components labeled, including the probe, probe cover, LCD display screen, measure button, memory/baby button, mute/°C/°F button, and battery cover.

Key Features:

- **0-3 Years Old Child Mode:** Specifically calibrated for infants.
- **Multi-function Measurement:** Forehead, ear, object, and room temperature.
- **Quick and Accurate:** Provides readings in 1 second.

- **Silent Mode:** For undisturbed measurements, especially at night.
- **LCD Screen:** Backlit display for clear readings.
- **Memory Recall:** Stores up to 35 previous measurements.
- **Portable:** Compact design with included carrying bag.

4. SETUP

Battery Installation:

1. Locate the battery cover on the back of the thermometer.
2. Slide the battery cover open.
3. Insert the two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Short press the 'Measure' button (temperature icon). The device will perform a self-test and display the last reading.
- **To Power Off:** The device will automatically shut down after approximately 30 seconds of inactivity to conserve battery life.

5.2 Mode Selection (Forehead/Ear)

The thermometer automatically detects the measurement mode based on the presence of the probe cover:

- **Forehead Mode:** Keep the probe cover attached. An icon resembling a forehead will appear on the LCD.
- **Ear Mode:** Remove the probe cover. An icon resembling an ear will appear on the LCD.

5.3 Taking a Temperature

Forehead Measurement:

1. Ensure the probe cover is on.
2. Point the thermometer at the center of the forehead, approximately 1.2 inches (3 cm) away.
3. Press and release the 'Measure' button. The reading will appear on the display in 1 second.

Non-Contact, Safe and Hygienic

Measuring distance: $\cong 1.2$ IN from skin



Figure 2: Forehead Temperature Measurement. This image shows an adult using the Momcozy FC-IR300 thermometer to take a child's forehead temperature, demonstrating the non-contact method.

Ear Measurement:

1. Remove the probe cover.
2. Gently insert the probe into the ear canal. For children, gently pull the earlobe back to straighten the ear canal.
3. Press and release the 'Measure' button. The reading will appear on the display in 1 second.

PULLING ON THE EAR

For More Accurate Measurements



Figure 3: Ear Temperature Measurement. This image illustrates an adult taking a baby's ear temperature with the Momcozy FC-IR300 thermometer, showing the correct positioning.

5.4 Child Mode (0-3 Years Old)

The thermometer features a dedicated 'Child Mode' for infants aged 0-3 years. To activate this mode, press the 'Memory/Baby' button. An icon indicating child mode will appear on the display, ensuring appropriate temperature interpretation for this age group.

5.5 Object and Room Temperature Measurement

This thermometer can also measure the temperature of objects and the surrounding room:

- **Object Temperature:** Point the thermometer at the object (e.g., milk bottle) from a short distance and press the 'Measure' button.
- **Room Temperature:** Point the thermometer towards an open space in the room and press the 'Measure' button.

Multiple Uses



Forehead



Ear



Object



Room

Figure 4: Multiple Measurement Uses. This composite image demonstrates the versatility of the Momcozy FC-IR300 thermometer, showing its use for forehead, ear, object (milk), and room temperature measurements.

5.6 Switching Between °C and °F

To switch between Celsius (°C) and Fahrenheit (°F), press the 'Mute/°C/°F' button. The display will change accordingly.

5.7 Mute/Unmute Function

To mute or unmute the thermometer's sound, long press the 'Mute/°C/°F' button. This is useful for taking temperatures without disturbing a sleeping child.

Silent and Clear Readings in the Dark



Mute/Unmute
function



LCD backlit
screen



Intelligent
light indicator



Non-contact



Figure 5: Silent and Clear Readings. This image shows the thermometer being used in a dark room on a sleeping child, highlighting its silent mode and backlit LCD for clear readings.

5.8 Memory Function

The thermometer stores up to 35 previous temperature readings. To access the memory, short press the 'Memory/Baby' button when the device is off. Each subsequent short press will cycle through the stored readings.

6. INTELLIGENT FEVER INDICATOR

The Momcozy FC-IR300 features a color-coded backlight display to indicate temperature status:

- **Green:** Normal temperature ($89.6^{\circ}\text{F} \leq T \leq 99.2^{\circ}\text{F}$ / $32.0^{\circ}\text{C} \leq T \leq 37.3^{\circ}\text{C}$)
- **Orange:** Low fever ($99.3^{\circ}\text{F} \leq T \leq 100.3^{\circ}\text{F}$ / $37.4^{\circ}\text{C} \leq T \leq 37.9^{\circ}\text{C}$)
- **Red:** High fever ($100.4^{\circ}\text{F} \leq T \leq 109.2^{\circ}\text{F}$ / $38.0^{\circ}\text{C} \leq T \leq 42.9^{\circ}\text{C}$)

Intelligent Fever Indicator



Figure 6: Fever Indicator. This image shows the thermometer's display changing colors (green, orange, red) to visually indicate different temperature ranges, from normal to high fever.

7. MAINTENANCE

Cleaning:

- Wipe the thermometer body with a soft, dry cloth.
- For the probe, use an alcohol swab or a cotton swab moistened with alcohol (70% isopropyl) to gently clean the surface. Allow it to air dry completely before use.
- Do not immerse the thermometer in water or any other liquid.

Storage:

- Store the thermometer in its included carrying bag when not in use.
- Keep 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.

8. TROUBLESHOOTING

- **Inaccurate Readings:** Ensure the probe is clean and positioned correctly. Check for environmental factors like drafts or direct sunlight. Allow the thermometer to acclimate to room temperature for 30 minutes if moved from a different environment.
- **Display Not Working:** Check battery installation and replace batteries if necessary.
- **'Lo' or 'Hi' Error:** Indicates a temperature outside the measurable range. Ensure proper contact or distance for measurement.
- **No Sound:** Check if the mute function is activated. Refer to section 5.7 to unmute.

9. SPECIFICATIONS

Specification	Detail
Brand	Momcozy
Model Name	FC-IR300
Special Feature	Child Mode, Non-Contact
Color	White
Age Range (Description)	Kid & Adult
Included Components	1* Momcozy Thermometer, 2* Battery, 1* Carrying Bag, 1* Product Manual
Outer Material	Plastic
Display Type	Digital
Power Source	Battery Powered (1 Nonstandard Battery included)
Response Time	1 seconds
Reusability	Reusable
Item Weight	0.704 ounces
UPC	810184056881

10. OFFICIAL PRODUCT VIDEOS

Watch these official videos from Momcozy for visual demonstrations of the thermometer's features and usage.

Your browser does not support the video tag.

Video 1: Momcozy Baby Thermometer Overview. This video provides a general overview of the Momcozy Baby Thermometer, demonstrating its design and basic functions.

11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact Momcozy customer service directly. Keep your purchase receipt for warranty claims.