

Lifelong DT-8861

Lifelong DT-8861 Non-Contact IR Thermometer User Manual

Model: DT-8861 | Brand: Lifelong

1. INTRODUCTION

The Lifelong DT-8861 Non-Contact IR Thermometer is designed for measuring human body temperature based on infrared radiation. This device provides a safe and accurate method for real-time temperature measurement for both children and adults without physical contact. Its advanced infrared technology ensures quick and reliable readings. The thermometer also features a memory function to store up to 32 readings, allowing for easy tracking of temperature changes.

2. SAFETY INFORMATION

- This thermometer is intended for household use. Consult a medical professional for interpretation of temperature readings.
- Do not immerse the thermometer in water or other liquids.
- Keep the device away from direct sunlight, dust, and extreme temperatures.
- Do not drop the thermometer or subject it to strong impact.
- Keep out of reach of children. Small parts may pose a choking hazard.
- Do not attempt to disassemble or repair the device yourself. Contact customer support if service is required.
- Ensure the measurement area (forehead) is clean and free from obstructions like hair or sweat for accurate readings.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Lifelong DT-8861 thermometer:



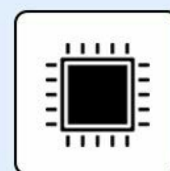
Figure 1: Main components of the Lifelong DT-8861 Non-Contact IR Thermometer, including the LCD display, measuring button, ergonomic handle, switch button, and mode button.

- **LCD Display:** Shows temperature readings, mode, and other indicators.
- **Measuring Button:** Press to initiate a temperature measurement.
- **Ergonomic Handle:** Designed for comfortable grip.
- **Switch Button:** Used to toggle between Celsius and Fahrenheit.
- **Mode Button:** Used to access memory or other settings.

Integrated Precision Probe



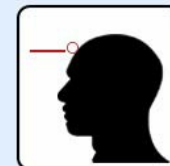
1s Fast reading



Smart chip



Beep Indicator



No contact infrared



Figure 2: Illustration of the integrated precision probe, highlighting features like 1-second fast reading, smart chip technology, beep indicator, and non-contact infrared measurement.

High Precision Infrared Receiver

Temperature measurement within **1s**,
error range within **0.2°C**

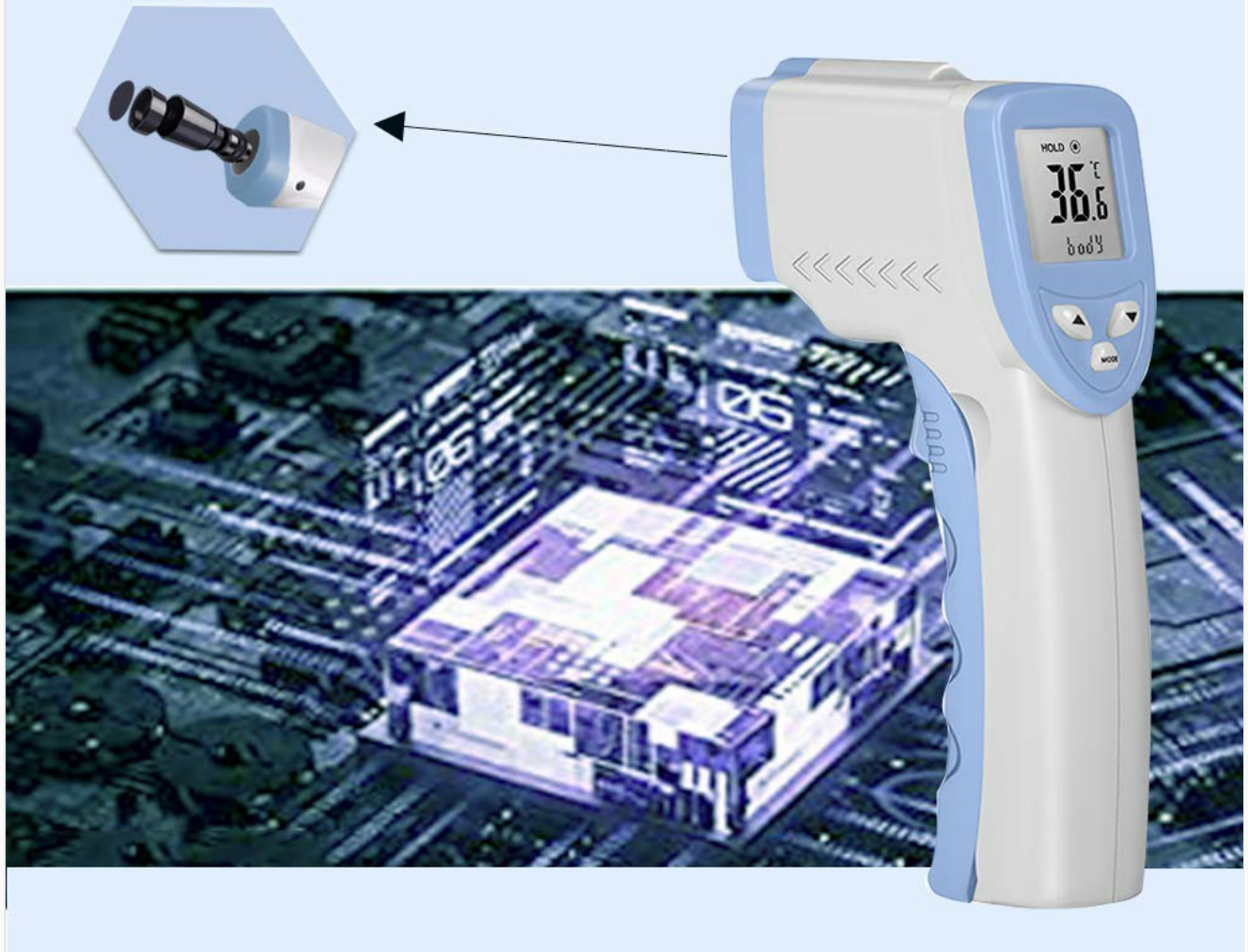


Figure 3: Detail of the high-precision infrared receiver, capable of measuring temperature within 1 second with an error range of 0.2°C.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment cover on the handle of the thermometer.
2. Slide or open the cover according to the indicator.
3. Insert two AAA batteries (not included) into the compartment, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2 Initial Power On

After installing batteries, press the Measuring Button to turn on the thermometer. The device will perform a self-test and display the last measurement or enter standby mode.

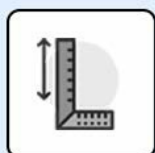
5. OPERATING INSTRUCTIONS

5.1 Taking a Measurement

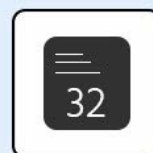
1. Ensure the thermometer is powered on.
2. Aim the probe towards the center of the forehead, maintaining a distance of 5-10 cm (2-4 inches).
3. Press the Measuring Button once.
4. The temperature reading will be displayed on the LCD screen within 1 second, accompanied by a beep.
5. The three-color backlight function will indicate the temperature range: green for normal, yellow for elevated, and red for high fever (specific thresholds may vary, refer to display indicators).



Accurate
measurements



Measuring distance
5-10cm



Record up to 32
memories



Figure 4: Proper usage of the thermometer, demonstrating the recommended measuring distance of 5-10 cm from the forehead, ensuring accurate readings and highlighting the 32-memory record feature.

5.2 Switching Temperature Units (Celsius/Fahrenheit)

With the thermometer powered on, press the 'Switch button' (often labeled with °C/°F or an arrow icon) to toggle between Celsius (°C) and Fahrenheit (°F) display modes.

5.3 Memory Function

The thermometer can store up to 32 temperature readings. To access stored readings:

1. Press the 'Mode button' (or a dedicated memory button, if present).
2. Repeatedly press the 'Mode button' to cycle through the stored readings.

5.4 Power Saving Mode

To conserve battery life, the thermometer will automatically shut off and the LCD will go out with a short beep if there is no operation for a certain period (typically 15-30 seconds).

6. MAINTENANCE AND CARE

6.1 Cleaning

- Wipe the thermometer body with a soft, dry cloth.
- For the probe, gently wipe with an alcohol swab or a cotton swab moistened with alcohol. Allow to air dry completely before use.
- Do not use abrasive cleaners or immerse the device in water.

6.2 Storage

- Store the thermometer in a cool, dry place, away from direct sunlight and extreme temperatures.
- If not in use for an extended period, remove the batteries to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Batteries are dead or incorrectly inserted.	Replace batteries or check polarity.
Inaccurate readings	Incorrect measuring distance; forehead obstruction (hair, sweat); environmental temperature fluctuations.	Ensure 5-10 cm distance. Clear forehead. Allow thermometer to acclimatize to room temperature for 15-20 minutes before use.
Display shows 'Lo' or 'Hi'	Temperature is outside the measurable range.	Ensure proper measurement technique. If problem persists, contact support.
Backlight not working	Low battery; device malfunction.	Replace batteries. If issue persists, contact support.

8. SPECIFICATIONS

- **Model Number:** DT-8861
- **Measurement Type:** Non-Contact Infrared
- **Response Time:** 1 second
- **Measuring Distance:** 5-10 cm
- **Memory Storage:** Up to 32 readings
- **Temperature Units:** Celsius (°C) / Fahrenheit (°F)

- **Special Features:** High Accuracy, Three-color Backlight, Power Saving Mode
- **Power Source:** Battery Powered (2x AAA, not included)
- **Product Dimensions:** 2.8 x 8.8 x 17 cm
- **Item Weight:** 200 g
- **Outer Material Type:** Plastic
- **Product Care Instructions:** Wipe Clean

9. WARRANTY INFORMATION

This Lifelong DT-8861 Non-Contact IR Thermometer comes with a **1-year warranty** provided by the manufacturer from the date of purchase. Please retain your purchase receipt for warranty claims.

10. CUSTOMER SUPPORT

For any queries, assistance, or troubleshooting not covered in this manual, please contact Lifelong customer support:

- **Phone:** 9711885577
- **Manufacturer:** Lifelong Online India