### Non-contact Infrared Thermometer

#### Model: JXB-182

#### User Manual

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#### INTENDED USE

This device is an infrared thermometer that is intended to measure the forehead temperature and determine the clinical condition of objects, animals, or people. It is not intended for use in human medical diagnosis.

#### WARNINGS AND PRECAUTIONS

1. **Do not** expose the thermometer to electric shocks.
2. **Do not** drop this thermometer.
3. **Do not** open up this thermometer. It contains small parts which might be swallowed.
4. **Do not** use this thermometer if it is damaged.
5. **Do not** take an individual's temperature shortly after he or she participated in vigorous activity.
6. **Do not** take an individual's temperature before or during a fever.
7. **Do not** take the temperature of a baby-bottle or bath (by using the Surface Temp) if the water temperature is above 43.0°C (above 109.4°F), however, the infrared sensor might be damaged.
8. **Do not** move the thermometer before the final result is displayed.
9. **Do not** throw batteries into a fire.
10. **Do not** disassemble, split or crush the batteries.

#### PRODUCT DESCRIPTION

- **Buttons**
  - LCD display
  - Sound button
  - Memory symbol
  - Mode button
  - Buzzer symbol
  - Mode button

- **Functions**
  - LCD display
  - Sound button
  - Memory symbol
  - Mode button
  - Buzzer symbol

#### TECHNICAL SPECIFICATIONS

**Measure temperature.**

- **Display:** 18.5mm (0.7")
- **Power:** 1.5V (3 x AAA batteries)
- **Current Consumption:** less than 450mW
- **Sampling Rate:** 1 second
- **Temperature Range:**
  - IR Mode: 32.0°C - 43.0°C (89.6°F - 107.8°F)
  - Surface Temp Mode: 0°C - 60°C (32°F - 140°F)
- **Temperature Resolution:** 0.1°C (0.1°F)
- **Accuracy:**
  - IR Mode: ±0.3°C (±0.6°F) for 32.0°C - 34.9°C (89.6°F - 94.8°F)
  - ±0.2°C (±0.4°F) for 35.0°C - 42.0°C (95°F - 107.6°F)
  - ±0.3°C (±0.6°F) for 42.1°C - 43.0°C (107.8°F - 109.4°F)
- **Battery:** 3 x AAA batteries
- **Storage and shipping conditions:**
  - Temperature: 10°C - 40°C (50°F - 104°F)
  - Humidity: less than 85%
- **Ambient temperature:**
  - IR Mode: 18°C - 28°C (64°F - 82°F)
  - Surface Temp Mode: 4°C - 40°C (39°F - 104°F)
- **Resolution Range:** 0°C - 40°C (32°F - 104°F)

#### WARRANTY/SERVICE

- **Warranty Period:** 1 year from the date of purchase.
- **Service:** Contact your dealer for repairs.

#### BATTERIES

- **Type:** AAA batteries
- **Capacity:** 1.5V
- **Usage:** Replace batteries regularly to ensure accurate readings.

#### INSTRUCTIONS FOR RECALIBRATION

- **Instructions:**
  1. **Note:** For best performance, recalibrate the device at least once a year or before use.
  2. **Instructions:**
     - Press and hold the "MEM" button for 5 seconds to enter the calibration mode.
     - Use the "MODE" button to select the temperature unit (°C or °F).
     - Verify the display shows the correct temperature before use.

#### MEASUREMENT PRECAUTIONS

- **Instructions for recalibration:**
  1. **Instructions:**
     - When using the device, ensure the ambient temperature is between 18°C - 28°C (64°F - 82°F)
     - Do not use the device near any heat source.
     - Do not point the infrared sensor at a moving object.
     - Do not use the device near any light source.

#### FUNCTIONAL DESCRIPTION

- **Steps:**
  1. **Steps:**
     - Press and hold the "MEM" button for 5 seconds to enter the calibration mode.
     - Use the "MODE" button to select the temperature unit (°C or °F).
     - Verify the display shows the correct temperature before use.

#### BATTERIES

- **Type:** AAA batteries
- **Capacity:** 1.5V
- **Usage:** Replace batteries regularly to ensure accurate readings.
In this case, the temperature analyzed is above the limit specified by the manufacturer. The message "HI" can appear on the screen.

When using the JXB-182 Thermometer, the screen displays the message LO if the temperature is below the limit specified by the manufacturer. In this case, the temperature is below the limit specified by the manufacturer, and the message LO can appear on the screen.

If you have problems while using your thermometer, please refer to this guide to help resolve the problem. If the problem persists, please contact our customer service.

XII. TROUBLESHOOTING

1. Internally powered equipment;
2. Category I equipment: N/A;
3. Category II equipment: N/A;
4. Sterilization or disinfection: N/A;
5. Category AP / APG equipment: N/A;
6. Continuous operation;

If the temperature is too close to the body, the correct temperature may be affected.

The temperature is in Fahrenheit. Change the measurement to Celsius.

Never use aggressive cleaning agents, thinners, benzine or tough brushes. To clean the entire device, use a soft cloth slightly dampened with mild soapy water or tolerate the alcohol solution.

The measuring distance is too far.

Temperature readings are too close to the body.

Temperature hampered by an air current.

The temperature is too low.

Temperature is not stable.

Temperature readings are too close to the body.

Temperature readings are too far from the body.

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