Please read carefully this manual before use.

Features

1. Specially designed to take the Human Body Temperature at a distance of 1.2 to 2in. (3cm to 5cm) from forehead. It can also be used to take object surface temperature and room temperature.

2. Reliable and stable measurement, thanks to the advanced Infrared Detection System.

3. Beep and LCD backlight blink alarm if temperature is more than 100.4°F (38°C).

4. Three-color backlit LCD digital display screen：Green <99.1°F (37.3°C); Orange 99.3°F~100.2°F (37.4°C~37.9°C); red >100.4°F (38°C).

5. Memorize the last 32 temperature measurements.

6. Temperature can be displayed in either Celsius or Fahrenheit.

7. Automatic power-off (30 secs) to conserve energy.

8. Longevity use (40,000 reading).

How To Take A Body Temperature

At 'Body' mode (default), aim at the FOREHEAD,

or at the right temporal region, from a distance of

1.2 ~ 2 in., press the scan button to get body

temperature in 1 second. Make sure to remove hair and

perspiration from the forehead before scanning.

Important: This thermometer is designed to measure internal body temperature from forehead. You'll not get the correct body temperature if attempting to measure over other part of the body (e.g. arm, torso...).

Normal Temperatures According To Age

Age	°C	°F
0-2 years	36.4-38.0	97.5-100.4
3-10 years	36.1-37.8	97.0-100.0
11 -65 years	35.9-37.6	96.6-99.7
> 65 years	35.8-37.5	96.4-99.5

NCT-301 does not take responsibility for the results or actions of non-medical personnel using the non-contact infrared thermometer.

LCD panel

Celsius or Fahrenheit

Mode

eafcy@TfG>me

Non-Contact   Infrared   Thermometer
Model   No.:NCT-301
Batteries:2xAAA   (1,5V)   3V
Measuring Distance:1.2 ~ 2in
Made   in Chi la .

Settings and Function of Menu

1 .Switch on **the** thermometer. Press the "SCAN" button, one second after the screen panel in full display, it will enter the standby mode with the sign "- - - - ᵒF". Then press the "SCAN" button again, you will get the measuring result in 1 second. But if there is no more operation, it will turn off in 30 seconds automatically.

2. Setting the buzzer. Under standby state, press to turn on or turn off the buzzer; the display shows "ON" or "OFF" respectively after setting.

3. Setting the Mode. There are three modes with this thermometer: Body, Surface and Room. Under standby state,

The screen displays: Boby...°F.

Press again, the screen will display: Surface Temp...°F.

Press again, the screen will display: Room...°F.

Note: The NCT-301 default is set to BODY mode

4. Setting the Temperature Unit. Under standby state, Press the ″˚c∕˚F″ button to switch between Celsius and Fahrenheit.

5. Viewing measurement history. Under standby state, Press "MEM" button, the last temperature will be displayed; you can view the last 32 measurements chronologically by going on pressing this button. At switch-on state, press "MEM" button and hold for 4 seconds, all data in memory will be deleted. Then press "MEM" button again, the display will show "CLr"

Important: The surface Temperature differs from the internal body temperature. To obtain correct internal body temperature, always use BODY mode.

6. Recalibration of the thermometer via the F4 MENU.

The F4 function will recalibrate the thermometer. The thermometer is set for reading from the forehead and is properly pre-set at the factory. Recalibration is needed if you would like to take temperature reading from one of the other reading areas (perennial area, or upper gum). Take your temperature using a conventional thermometer and if you see a difference in the reading, recalibrate this the thermometer following the steps as below.

Steps for recalibration:

 • Press the "MODE' and "°c/°F" buttons at the same time for 3 seconds. The screen will then displsy: "F4"

 • Press "Mode" to increase 0.1 °F (°C), press "°C/°F" to reduce 0.1 °F(°C). Press "MEM" button to save the setting.

High Temperature Alarm

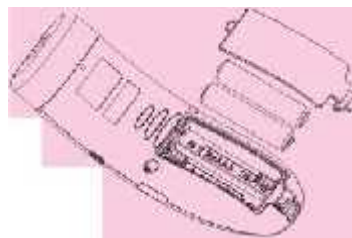The factory default alarm is set at 100.4°F (38°°C).

Battery Low Voltage Detection

If the battery voltage drops to less than 2.7V, the Non-Contact Infrared Thermometer will beep four times and display the symbol "   " to remind you to replace the batteries.

Replace the Batteries

When the LCD screen displays
"Battery", the batteries should

be replaced. Open the chamber lid and change the batteries, taking care with the correct positive and negative direction. A mistake with this could cause damage to the unit and compromise the guarantee of your Non-Contace Infrared Thermometer.

The Thermometer operates on single-usage batteries only; do not use rechargeable batteries.

Technical Specifications

1. Normal use condition

Ambient temperature: 50°F ~ 104°F (10°C ~ 40°C)

Relative humidity: < 85%

2. Power: DC 3V (2 pcs AAA batteries)

3. Unit size: 5.1 x1.8x2.2in -130x45x55mm(L x W x H)

4. Unit weight: 75g (without batteries)

5. Temperature display resolution: 0.1 °F (0.1°C)

6. Measuring range:

Body mode: 89.6°F ~109.2°F (32°C ~ 42.9°C)

Under Body mode, there are three color backlits:

Green color backlit: <99.1°F (37.3°C), which indicates normal temperature;

Orange color backlit: 99.3°F~100.2°F (37.4°C~37.9°C), which indicates low fever;

Red color backlit: ﹥ 100.4°F (38°C), which indicates high fever.

In surface mode: 32°F~140°F (0°C~60°C)

Room mode: 50°F~104°F (10°C~40°C)

7. Precision:

89.6°F~96.6°F (32.0°C~35.9°C): ±0.6°F(±0.3°C)

96.8°F~102.2°F (36.0°C~39.0°C): ±0.4°F(±0.2°C)

102.4°F~109.2°F (3.rC~42.9°C) : ±0.6°F(±0.3°C)

8. Power Consumption: < 150mW

9. Measuring distance: 1.2in ~ 2in (3cm ~ 5cm)

10. Automatic power-off: 30 secs

Non-Contact Infrared Thermometer Precision

The Non-Contact Infrared Thermometer can take temperature readings below 89.6°F or above 109.2°F, but precision is not guaranteed in this situatoin.

Longevity of the Product

The Non-Contact Infrared Thermometer is conceived for an intense and professional use. Its longevity is guaranteed for 40,000 takings.

Maintenance of the Product

- The protective glass over the lens is the most important and fragile part of the thermometer. Take care when using, storing or cleaning.

- Clean the glass with cotton fabric dampened with a 95% alcohol solution.

- Do not use other batteries than AAA. Do not recharge non-rechargeable batteries, or throw batteries in fire. Please dispose of batteries properly.
- Remove the batteries when thermometer is not to be used for a long time.
- Do not expose the thermometer to water or direct sunlight.
- An impact may damage the product.

Accessories

User manual... 1 pc

AAA alkaline batteries...2pcs

Troubleshooting

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

THE SCREEN DISPLAYS TEMPERATURE LOWER THAN 89.6°F (32°C)

Check the Mode to see if it's in 'Surface' or 'Room' temperature mode.

THE SCREEN DISPLAYS THE MESSAGE **HI**

When using the Non-Contact Infrared Thermometer the message **HI** can show on the screen. In this case, the temperature is above the measurement range selected, either above 109.2°F (42.9°C) in Body Mode.or above 140 F in Surface mode.

THE SCREEN DISPLAYS THE MESSAGE **LO**

When using the Non-Contact Infrared Thermometer the message **LO** can show on the screen. In this case, the temperature analyzed is under the measuring range selected, either less than 89.6°F (32°C) in Body Mode.or due to other reasons as listed below.

This message displays for various reasons. Please find below a list of the main issues:

Reasons for LO message display	Advice
Temperature reading hampered by hair or perspiration.	Make sure there is no obstruction or dampness prior to taking temperature.
Temperature hampered by an air draft or dramatic change in ambient temperature.	Make sure there is no air blowing in the area of use; this could affect the infrared reading.
Temperature readings are too close together, and the thermometer did not have time to reboot.	Pause for 15 seconds minimum between readings; a one-minute pause is recommended.
The measuring distance is too far.	Take measurements at the recommended distance (app.1.2 ~ 2in; 3cm ~ 5cm).