

TempIR



Non-contact Infrared Thermometer
www.temp-ir.com

CONTENTS

1.Features.....	1
2.Safety Precautions.....	1
3.How The Non-contact Infrared Thermometer Works.....	2
4.Normal Temperatures According To Age.....	3
5.How To Take A Temperature	3
6.Basic Instrument.....	4
7.Instructions.....	5
8.Setting And Function Of Menu.....	5
9.High Temperature Alarm.....	6
10.Battery Low Voltage Detection.....	6
11.Changing the Batteries.....	6
12.Technical Specifications.....	7
13. Non-contact Infrared Thermometer Precision.....	7
14.Longevity Of The Product.....	7
15.Maintenance Of The Product.....	7
16.Accessories.....	8
17.Troubleshooting.....	8

THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION

Features

- 1.Special design to take the Human Body Temperature from a distance.
- 2.Reliable and stable measurement, thanks to the advantage Infrared Detection System.
- 3.Audible alarm if temperature is too high.
- 4.Memorize the last 32 temperature measurements.
- 5.Backlights LCD digital display screen.
- 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).
- 9.Practical, easy to use.

Safety Precautions

- Follow the maintenance advice stipulated in this instruction manual.
- This device may be used for professional purposes or for personal home use.
- This device must only be used for the purposes described in this instruction manual.
- This device must only be used in an ambient temperature range of between 10°C and 40 °C.
- This device must always be kept in a clean, dry area.
- Do not expose this thermometer to electric shocks.
- Do not expose this thermometer to extreme temperature conditions of >55°C or <- 20°C.
- Do not use this device in relative humidity higher than 85%.
- The protective glass over the lens is the most fragile part of the thermometer.

Important Notice
How to calibrate the thermometer for Accuracy.....see
website www.temp-ir.com

- Do not touch the glass of the infrared lens with your fingers.
- Clean the glass with a cotton bud lightly moistened with 95° alcohol.
- Do not expose the thermometer to sunlight or to water.
- Never drop the device.
- Should a problem occur with your device, please contact your retailer. Do not attempt to repair this device yourself.

It is essential to use the Non-contact Infrared. You are therefore advised to read this instruction manual and the safety precautions carefully before use. The Non-contact Infrared Thermometer is pre-set at the factory.

It is not necessary to calibrate the device when starting it up. However, in order to obtain reliable results, you are advised to allow the thermometer to acclimate to ambient temperature for 15 to 20 minutes before using each time there is a significant change in environmental temperature.

It is also important to allow a one-minute interval between measurements.

How The Non-contact Infrared Thermometer Works

All objects, solid, liquid or gas, emit energy by radiation. The intensity of this energy depends on the temperature of the object. The Non-contact Infrared Thermometer is therefore able to measure the temperature of a person by the energy the person emits. This measurement can be taken thanks to an external temperature probe on the device which permanently analyses and registers the ambient temperature. Therefore, as soon as the operator holds the thermometer near the body and activates the radiation sensor, the measurement is taken instantly by detection of the infrared heat generated by the arterial blood flow. Body heat can therefore be measured without any interference from the heat of the surrounding environment.

Use the Non-contact Infrared Thermometer:

- When you have reason to believe you are sick.
- When you are recovering from surgery, illness or exhaustion.
- For monitoring body temperatures.
- When exercising, hiking, or doing strenuous physical activity.
- When traveling or when you are under abnormal stress.

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

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

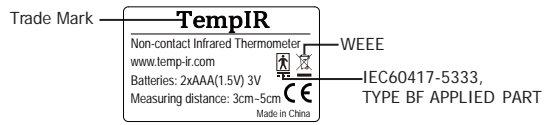
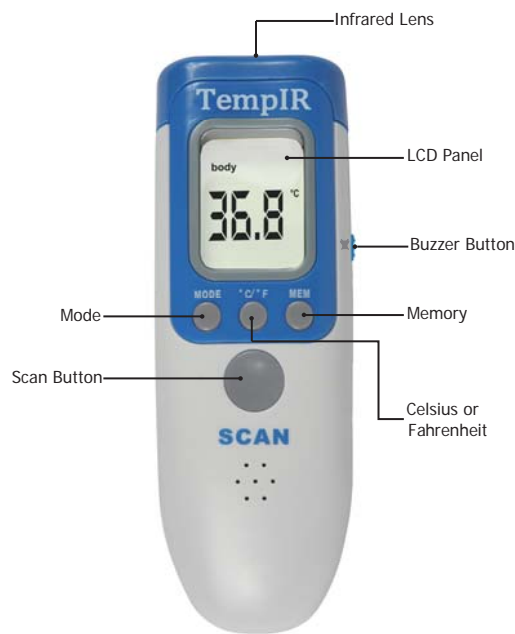
How To Take A Temperature

Aim at the FOREHEAD, over the right temporal region, from a distance of 3cm ~ 5cm, press the scan button to instantly display temperature.



The reliability of the measurement cannot be guaranteed if the temperature is measured over another part of the body (e.g. arm, torso...)

Basic Instrument



Instructions

1. Install battery
2. For the first use or when inserting new batteries, wait from 10~15 minutes for the warm-up of the unit. This will allow the unit to become acclimated to the temperature of the room.
3. Aim towards the desired location, keeping the unit at a distance of 3~5cm (1.2~2 in) from forehead, and press the Scan Button. Results will be displayed and/or spoken in 1 second.
4. Before taking the temperature, make sure to remove hair and perspiration from the forehead. You can also take the temperature behind the ear lobe.

Setting And Function Of Menu

1. Switch on the device
Press the "Scan Button", one second after the screen panel in full display, it will enter the standby model with the sign "---°C" or "---°F"
When then press the "Scan Button" again and get the measuring result in 1 second. But if there is no key to press, it will turn off in 30 seconds automatically.
2. **PRESS BLUE BUTTON** ✖

ON THE SIDE THIS WILL TURN SOUND ON OR OFF
3. Under standby state, setting the mode
Press mode button, and the screen will display: Body...°C.
Press again and the screen will display: Surface Temp...°C.
Press again and the screen will display: Room...°C.
Note: The TempIR default is set to BODY mode
4. Under standby state, Press the " °C/°F " button to transfer between Celsius and Fahrenheit.
5. Under standby state, Press "MEM" button, which will then display the last temperature, and allows for a view of the last 32 measurements taken.

Important: The area temperature differs from the internal body temperature. To obtain the internal temperature always use the BODY mode.
Please make sure to select the BODY mode for an internal temperature reading and the SURFACE TEMP mode for an external area reading.

6. Recalibration of device via the F4 MENU

The F4 function will recalibrate the unit. The unit is set for reading from the forehead. Recalibration is necessary if you desire to take the temperature reading from one of the other reading areas (perennial area, or upper gum). You must take your temperature using a conventional thermometer and if you see a difference in the reading, you must recalibrate the unit.

Instructions for recalibration:

Press the "MODE" and "°C/°F" buttons at the same time for 3 seconds.

The screen will then display: "F4"


Press "Mode" to increase 0.1°C(°F), press " °C/°F " to reduce 0.1°C(°F).

Press "MEM" button to save the setting.

High Temperature Alarm

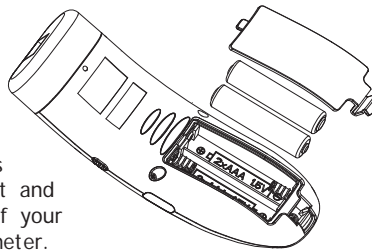
The factory default alarm is set at 38°C(100.4°F)

Battery Low Voltage Detection

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

Changing the Batteries

When the LCD screen displays "Battery," the batteries should be replaced. Open the lid and change the batteries, taking great care with the correct positioning. A mistake with this could cause damage to the unit and compromise the guarantee of your Non-contact Infrared Thermometer.



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

Technical Specifications

1. Normal using condition

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

Relative humidity: = or < 85%

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

3. Unit size: 130x 45 x 55 mm - 5.1 x 1.8 x 2.2 in (L x W x H)

4. Unit weight: 75g (without batteries)

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

6. Measuring range:

In Body Mode 32°C to 42.9°C (89.6°F to 109.2°F)

In Surface Temp Mode 0°C to 60°C (32°F to 140°F)

7. Precision: From 36°C to 39°C (96.8°F to 102.2°F) =±0.2°C (±0.4°F)

8. Consumption: = or < 150mW

9. Accuracy: - or + 0.3°C (0.6 °F)

10. Measuring distance: 3 cm -5 cm (1.2 in - 2.0in)

11. Automatic power-off:30 secs.

Non-contact Infrared Thermometer Precision

The Non-contact Infrared Thermometer can take temperature readings below 32°C or above 42.9°C (89.6°F to 109.2°F) but precision is not guaranteed outside of this range.

Longevity of the Product

The Non-contact Infrared Thermometer was 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 used for an extended period of time.
- Do not expose the thermometer to water or excessive sunlight.
- An impact may damage the product.

Accessories

User manual...1 pc AAA alkaline batteries...2 pcs Carry bag...1 pc

Troubleshooting

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.

THE SCREEN DISPLAYS TEMPERATURE LOWER THAN 32°C (89.6°F):
To take the surface temperature, press the "Mode" button and set to the reading called "Body." If the device is in Surface Temp Mode, the 32°C (89.6°F) temperature displayed is showing the external temperature of your body, rather than the internal.

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 42.9°C (109.2°F) in Body 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 32°C (89.6°F) in Body Mode.

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 1-minute pause is recommended.
The measuring distance is too far.	Take measurements at the recommended distance (between 3 and 5 cm; 1.2in and 2.0in).

TempIR

Pour Manuel en français Für

Handbuch in Deutsch Per IL

Manuale in Italiano

Para Manual en español

CUSTOMER SERVICE

WEBSITE www.temp-ir.com



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