



7 in 1 Talking Infrared Thermometer

Model: TS42S



User's Manual

Please read this instruction manual carefully
before using your ear thermometer

For a voice recorded version of this manual please visit
www.snotty.com.au/products/thermometers/7in1-talking-thermometer

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Introduction

Thank you very much for choosing this product.

Utilizing infrared technology, this thermometer takes temperatures in seconds by measuring heat generated by the surface skin of the forehead or other objects. This product conforms to the provisions of the EC directive MDD(93/42/EEC). Its advantages include:

1. 7 in 1 thermometer

Ear/Forehead/Talking/Object/Fever light bar/Backlight Display/Date & Time Stamp

2. Green/Red light for normal/fever alert

This device has the LED light to alert their readings are over 38°C.

3. Illuminated Backlight Display

4. 30-memory Recall

30 sets memory function & easy-to-read LCD (Liquid Crystal Display) display give convenience all in one finger touch.

5. °C/°F Switchable

Temperature reading in Celsius (°C) or Fahrenheit (°F).

6. Probe Cover Free

The cover free probe can eliminate the problem of transmission deviation due to the cover's material, and is as much more accurate.

7. Waterproof Probe Design

Waterproof probe enables easy cleaning and usage.

8. One-second Reading

9. Power Saving-Auto Power Off

Auto power-off after 30 second idling to ensure longer battery life.

10. Low-battery Indicator

11. Warning indication

"low battery" symbol, and "Lo"/ "Hi" symbol indicating out of measuring range or low battery.

12. Large LCD Display

Easy to read large LCD display.

13. Large Button Design

For easier operation.

14. Economic design and convenience

This is a "Non-contact" medical thermometer that enables temperature readings in ear, object or subject forehead.

15. Accurate and Reliable

16. Compact

Small and light design is ideal for home-use and traveling.

17. User Friendly

Due to our unique design of the measuring software, users don't need to have special skill to operate this device.

18. Instant Measurement

By using our unique technology, users can get their precise body temperature accurately in 1 second.

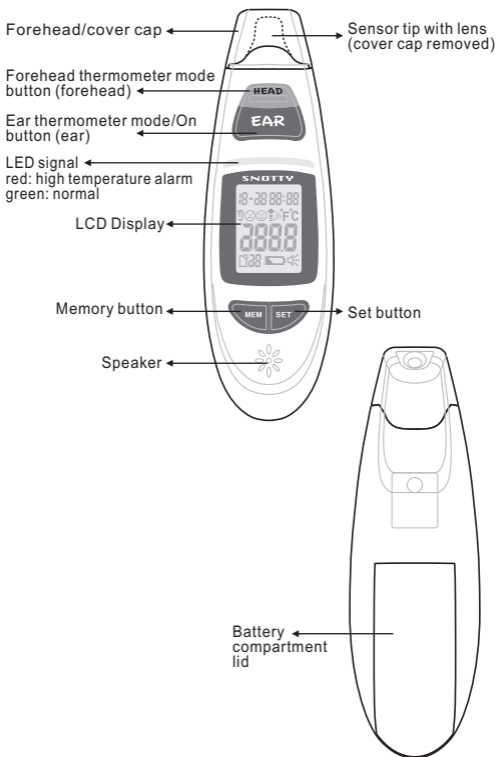
19. Conveniently powered by two (AAA) batteries.

Important Information Before Use

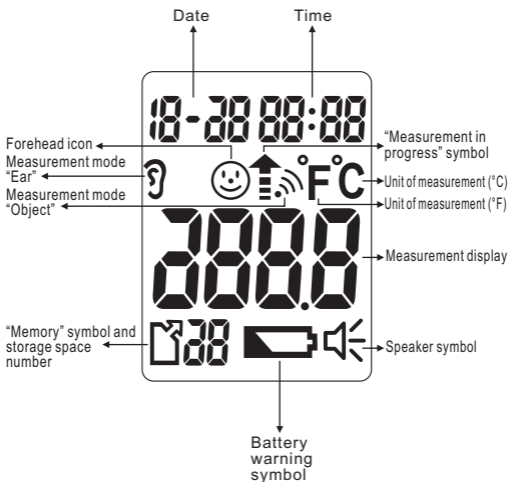
When using this product, please be sure to follow all instructions listed below. Failure to follow these instructions may affect the accuracy of the thermometer and cause injury.

1. Do not disassemble, repair, or remodel the thermometer.
2. Be sure to clean the thermometer lens before and after each use.
3. Avoid direct finger contact with the lens.
4. No modification of this equipment is allowed.
5. It is recommended to take 3 temperature readings. If they are different, use the highest reading as indicated temperature.
6. Do not expose the thermometer to extreme temperature, very high humidity, or direct sunlight.
7. Avoid extreme shock or dropping the device.
8. Before taking a temperature measurement make sure that both the thermometer and the patient/object have been in the specific environment for at least 30 minutes.
9. Avoid measuring temperatures within 30 minutes after exercise, bath, or change of environment.
10. To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.
11. Do not disassemble the thermometer.
12. Please use the thermometer solely for its intended purpose.
13. Carefully hold the device when in use to avoid dropping the device.
14. Allow one minute between successive measurements as slight variations may occur if measurements are taken over a short period of time. Use average temperatures instead.
15. Keep reliable records of your personal temperature to serve as a reference for your health professional.
16. The temperature taking result is **ONLY** a reference. Before taking any medical action, please consult a health professional.










































Product Identification and Caution



Description of LCD Display



Setting Volume, °C/°F and Date/Time

		LCD Display
	 Press the SET button for 5 second	
1. Volume   Save the setting and Confirm the entry	  Change the setting	
2. °C/°F   Save the setting and Confirm the entry	  Change the setting	
3. Date/Time   Save the setting and Confirm the entry	  Change the Year	
Month   Save the setting and Confirm the entry	  Change the Month	
Date   Save the setting and Confirm the entry	  Change the Date	
Hour   Save the setting and Confirm the entry	  Change the Hour	
Min   Save the setting and Confirm the entry	  Change the Min	
4. End setting loop, turn off the unit   Save the setting		

Setting Volume, °C/°F and Date/Time

Setting Volume

The unit in which the temperature will be displayed, the date and the time.

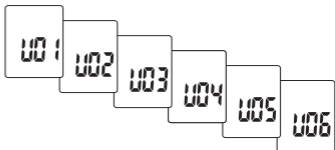
When the thermometer is used for the first time and each time the batteries are changed, the date and time are displayed in the format 1-1 00:00 during the basic set-up (after the self test). Set each of the following settings in turn: volume, unit in which the temperature will be displayed, date and time. To set the device, proceed in stages: **Volume** (U01 – lowest setting, U06 – highest setting), **Unit – year – month – day – hours – minutes** (there is no voice output when setting date and time).

1. Press the SET button for 5 second to switch the thermometer on. The device performs a brief self test: all elements of the display are shown for approx. 1 second. Following a successful self test, the device emits two short beeps. In Standby mode, the date and time are shown and "--" is displayed.



2. Turn the device on and the speaker symbol shows whether the **Volume function** is on or off. Press the "SET" button to turn the Volume function on and off. When you turn the voice function on, a short beep sounds (speaker symbol visible = voice function on; speaker symbol not visible = voice function off). Press the "SET" button to change the volume.

- VOL 01
- VOL 02
- VOL 03
- VOL 04
- VOL 05
- VOL 06



3. Press the "MEM" button to confirm entry.

Setting Volume, °C/°F and Date/Time

Changing from Fahrenheit to Celsius

1. Press the "SET" button to turn the °C/°F function on and off.

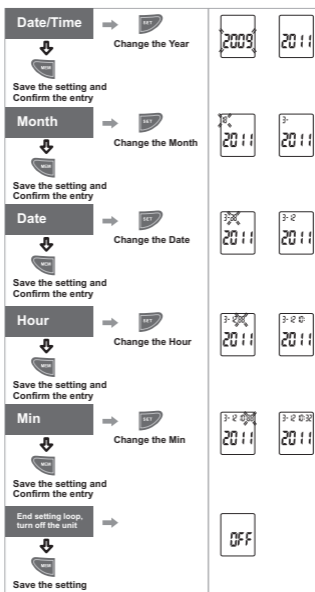


2. Press the "MEM" button to confirm entry.

Setting Volume, °C/°F and Date/Time

Date/Time Function

1. Press the “SET” button to change.
2. Press the “MEM” button to confirm entry.
3. The blinking Date, followed by Year, Hour and Minutes will display. Repeat steps 2 and 3 to adjust the date/time setting.
4. Your unit is now ready to take a reading, or press the “MEM” button to turn the unit off.
5. After this process, the thermometer shows the word “OFF” in the display and switches off automatically.



Using the Thermometer

Before each use, please check that the lens is intact, cleaned, if damaged, please contact your retailer or the service address. Bear in mind that the thermometer needs to have been in the room in which the measurement is taken for at least 30 minutes before use.

Measuring body temperature in the ear

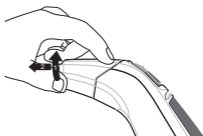
- i** • Some people produce different readings in their left and right ear. In order to record temperature changes, always measure a person's temperature in both ears and use the higher reading.
- The ear thermometer may be used by children only under adult supervision. Measurement is usually possible over the age of 6 months. In infants under 6 months, the ear canal is still very narrow so the temperature of the eardrum often cannot be recorded and the result displayed is often too low.
- The measurement must not be taken in an ear affected by inflammatory diseases (e.g. discharging pus or secretion), after possible ear injuries (e.g. eardrum damage) or in the healing period after operative procedures. In all of these cases, please consult your health professional.
- Use of the thermometer on different persons can be inappropriate in the event of certain acute infectious diseases because of the possible spread of germs despite cleaning and disinfection. If you have any doubts, please consult your health professional.
- This thermometer should be used without a disposable protective cover.
- If you have been lying on one ear for some time, the temperature will be slightly higher in that ear.
- As ear wax can affect the measurement, you should clean the ear before measuring if required.

Using the Thermometer

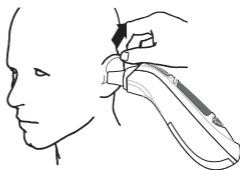
Measuring body temperature in the ear

1. Press the EAR button for 1 second to switch the thermometer on. Following a successful self test, the device emits two short beeps.

2. Remove the cap by gently lifting the front of cap upwards (1) while simultaneously pulling it off forward (2).

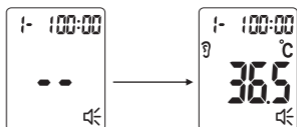


3. Make sure that the sensor tip and also the ear canal are clean. As the ear canal is slightly curved, you have to pull the ear slightly up and backwards before inserting the sensor tip. This is important so that the sensor tip can be pointed directly at the eardrum.



4. Insert the sensor tip carefully and press the EAR button for 1 second.

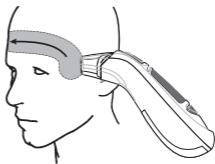
5. Release the EAR button. The end of the measuring time is signaled with a short beep and the measured value appears on the display and is spoken.



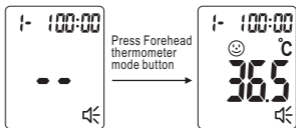
Using the Thermometer

Measuring body temperature on the forehead

1. Please note that the forehead/temples must be free from sweat and cosmetics and that taking medication and skin irritations can distort the result when measuring temperature on the forehead.
2. Press the HEAD button for 1 second to switch the thermometer on. Following a successful self test, the device emits two short beeps.
3. Place the measuring head with the forehead/cover cap fitted on the temples, hold down the HEAD button and move the thermometer smoothly over the forehead to the other temple.





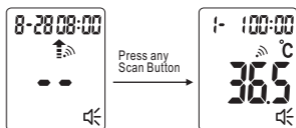
4. Then release the HEAD button. The end of the measuring time is signaled with a short beep and the measured value appears on the display and will be spoken.



Using the Thermometer

Measuring surface temperature

1. Press the EAR button for 1 second to switch the thermometer on. Following a successful self test, the device emits two short beeps.
2. Then press the “MEM” and EAR buttons simultaneously for 3 seconds to switch to the Object temperature mode. The symbol  appears in the display.
3. Press and hold the EAR button or the HEAD button and point the sensor tip towards the object or liquid to be measured (never immerse in liquids), maintaining a distance of 3 cm.
4. Release the EAR button or the HEAD button. The end of the measuring time is signaled with a short beep and the measured value appears on the display and is spoken.
5. Please note that the displayed temperature is the measured and not the adapted surface temperature. It is not the same as the forehead/ear temperature.
6. To switch back to the Ear/Forehead thermometer mode, press the “MEM” and EAR buttons simultaneously for 3 seconds until the  symbol disappears and there is a short beep. By switching the thermometer off and on again, it automatically exits the Object temperature mode.

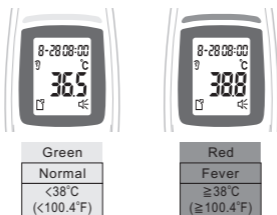


Using the Thermometer

The Readings:

Release the button. The end of the measuring time is signalled with a short beep and the measured value appears on the display.

- (1) $< 38^{\circ}\text{C}$: The reading show on LCD, meanwhile the backlight and alert light (green) will light for 3 sec and then the voice will pronounce the temperature.
- (2) $\geq 38^{\circ}\text{C}$: The reading show on LCD, meanwhile the backlight and alert light (red) will light for 3 sec and then the voice will pronounce the temperature.



- When talking on:** The Voice Sentence:
Ear: "your body temperature is 36.5°C "
Forehead: "your body temperature is 36.5°C "
Object: "the object temperature is 36.5°C "

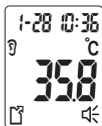
- When Talking OFF:**
The light indicator shows only for 3 seconds.

Memory Recall and Deletion

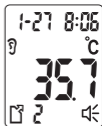
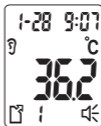
Memory Recall:

You can recall up to 30 measurements plus an average of all currently stored measurements in memory to share with your physician or trained healthcare professional.

1. Press the “MEM” button. The first reading displayed is the average of all measurements stored in memory.



2. Continue to press the “MEM” button to view the next previously stored measurement.



Note: The memory bank can store up to 30 readings. When the number of readings exceeds 30, the oldest data will be replaced with the new record.

Battery Installation

When the batteries get weak, the battery warning symbol appears "🔋". It is still possible to measure temperature. The batteries must be replaced. When the battery symbol flashes "🔋" and Lo appears in the display, the batteries must be replaced. If the batteries are too flat, then the thermometer will switch off automatically.

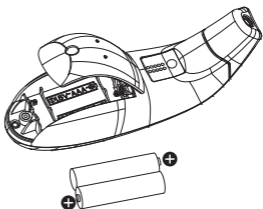


NOTE:

- When changing the batteries, use batteries of the same type, make and capacity.
- Always replace both batteries at the same time.
- Do not use rechargeable batteries.
- Please use batteries free from heavy metals.

1. Loosen the screw on the battery compartment lid and pull the lid off downwards.
2. Remove the used batteries and insert two new (AAA) batteries in the direction indicated.
3. Place the battery compartment lid back on and screw it closed.

Dispose of used batteries in accordance with the applicable local regulations. Never dispose of batteries with your normal household waste.



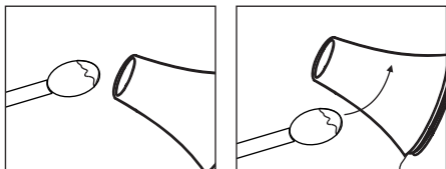
Trouble-shooting

When a malfunction or incorrect temperature measurement occurs, an error message will appear as described below (comes with backlight and voice prompt).

LCD Display	Cause	Solution
	<p>The temperature measured is higher than</p> <p>1. <u>Ear/Forehead thermometer mode:</u> 50°C (122.0°F)</p> <p>2. <u>Object temperature mode:</u> 100°C (212.0°F)</p>	<p>Operate the thermometer only between the specified temperature ranges. If necessary, clean the sensor tip. In the event of a repeated error message, contact your retailer or Customer Services.</p>
	<p>The temperature measured is lower than</p> <p>1. <u>Ear/Forehead thermometer mode:</u> 10°C (50.0°F)</p> <p>2. <u>Object temperature mode:</u> 0°C (32.0°F)</p>	<p>Operate the thermometer only between the specified temperature ranges.</p>
	<p>The operating temperature is not in the range from 16°C~35°C (60.8°F~95°F)</p>	<p>Operate the thermometer only between the specified temperature ranges.</p>
<p> When talking on: Prompt: "measurement error, please try again"</p>		

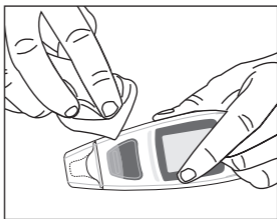
Storage and maintenance

- Clean the probe and tip with an alcohol swab before and after each measurement.




- Use a soft, dry cloth to clean thermometer body. Never use abrasive cleaning agents, thinners or benzene for cleaning. Do not scratch the surface of the probe lens or the display. Do not expose the thermometer to extreme temperatures, humidity, direct sunlight, or shock.


Store at room temperature.



Technical Specifications

- **Range of Measurement :**


Body Temperature: 10°C ~50°C (50.0°F ~ 122.0°F) 

Object Temperature: 0°C ~ 100°C(32.0°F~212.0°F) 


- **Measuring accuracy :**

Ear:

±0.2°C(0.4°F): from 35.5°C to 42°C (95.9°F to 107.6°F)

±0.3°C(0.5°F): outside the range 


Forehead:

±0.3°C(0.5°F): from 22°C to 40°C (71.6°F to 104°F) 

Object Temperature: ≤30°C ±1.5°C ;


>30°C ± 5% (in 3cm)

- **Operating environment :**

16°C~35°C (60.8°F~95°F) 

with relative humidity up to 85% (non condensing)

- **Storage/ Transportation environment :**

-25°C~-+55°C (-13°F~-+131°F) 

with relative humidity up to 85% (non condensing)

- **Display resolution :** 0.1°C or °F

- **Power supply :** 2 X 1.5V AAA size alkaline batteries

- **Weight :** 65g (with batteries)

- **Dimensions :** 134.3mm×42.4mm×47.6mm (L×W×H)

- **Warranty :** Full 12 months warranty from date of purchase. (Please save your receipt as proof of purchase date)



Type BF
equipment



The device shall
be disposed in
accordance with
national laws after
their useful lives



is proud to offer Australian parents WORK FROM HOME opportunities with the goal of improving their financial situation while promoting children's health and welfare.

The concept is simple:

1. You purchase products from us
2. You sell them; wholesale, retail, web sales or by hosting *SNOTTY* parties
3. ALL takings from sales are yours, earning as much as 300% on your investment

Contact

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