

# User's MANUAL

## XS IFT001A

### 1. Introduction of infrared thermometer

This is non-contact infrared thermometer applicable to forehead measurement.

The thermometer measures body temperature by collecting heat radiation emitting by forehead.

It is simply operational, reliable and highly accurate. Users can get a precise reading within one second by one touch.

This thermometer is widely used in families, schools and customers.

### 2. Features

1. Brand new & patented probe design ensures high accurate:  $\pm 0.2^{\circ}\text{C}$ ;
2. It only takes 0.5 second to measure the body's temperature;
3. Excellent adaption to ambient temperature. Accurate and reliable even under complicated;
4. Three colors to show the temperature: green - normal; orange - sight fever; red - high;
5. Body model and Object model available. One switch to change mode;
6. Avoid touching skin, measure baby's temperature conveniently;
7. Automatically recall of last reading;
8. Large LCD with back - lit;
9. Automatic shut off;

### 3. Technical parameters

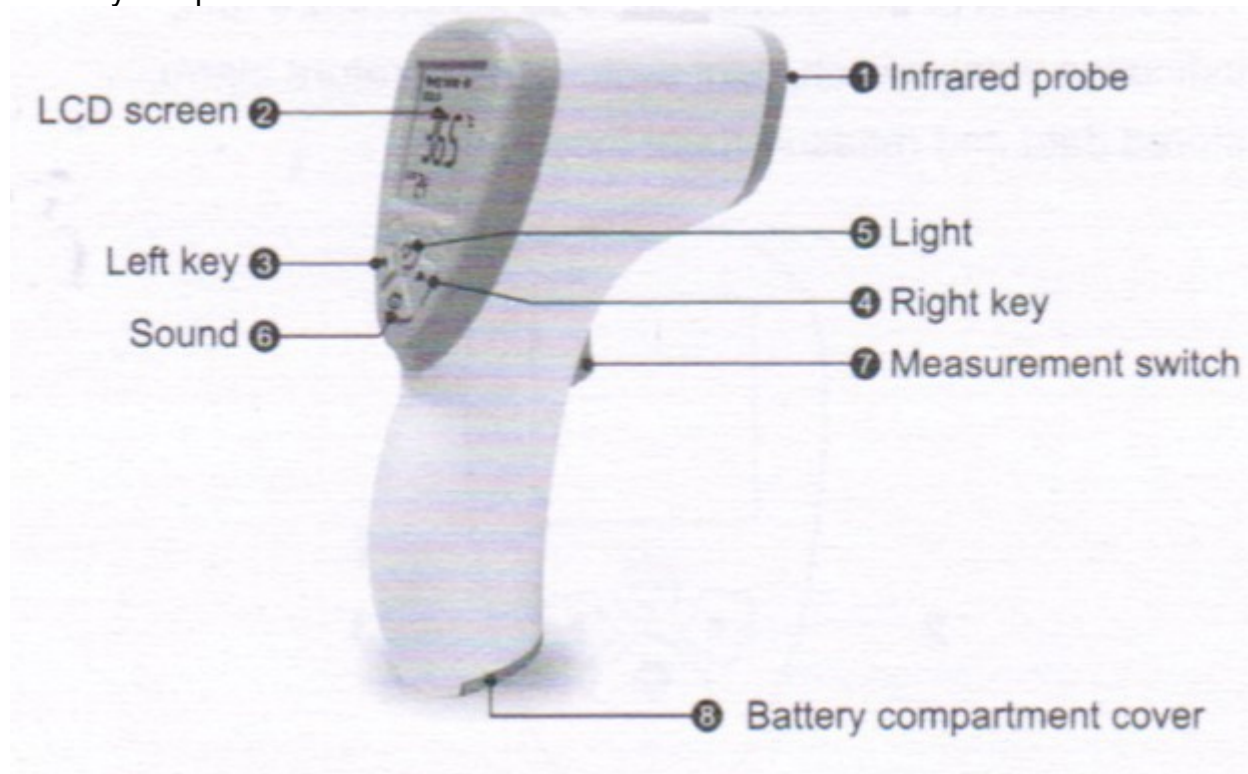
Test range:	$32.0^{\circ}\text{C} \sim 42.9.^{\circ}\text{C}$
Accuracy:	$\pm 0.2^{\circ}\text{C}$ ( $35.0^{\circ}\text{C} \sim 42.0^{\circ}\text{C}$ ) $\pm 0.3^{\circ}\text{C}$ ( $32.0^{\circ}\text{C} \sim 42.0^{\circ}\text{C}$ and $42.1^{\circ}\text{C} \sim 42.9.^{\circ}\text{C}$ )
Test Distance:	1 - 5 cm
Response time:	0.5 S
Power:	2 pcs AAA Batteries (DC3V)
Memory:	32
Standby time:	6 seconds
Resolution:	$0.1^{\circ}\text{C}/^{\circ}\text{F}$
Humidity:	15% ~ 80%
AP:	70 ~ 106 kPa
Temperature for transportation and storage:	$-20^{\circ}\text{C} \sim +55^{\circ}\text{C}/^{\circ}\text{F}$
Net Weight:	116g (No batteries)
Working temperature:	$16^{\circ}\text{C} \sim 35^{\circ}\text{C}$

#### Standard Packing Accessories

AAA batteries	2pcs
User MANUAL	1pcs
Product size	152*92*34mm
Gift Box	192*118*50mm

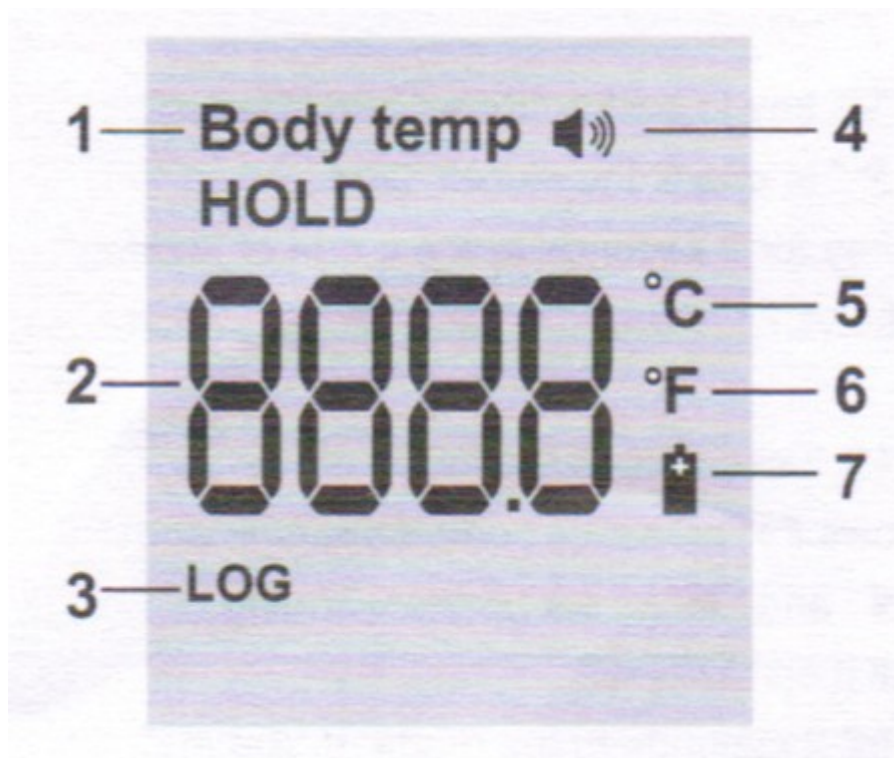
## 4. Illustration

- 1- Infrared probe
- 2- LCD screen
- 3- Left key
- 4- Right key
- 5- Light
- 6- Sound
- 7- Measurement switch
- 8- Battery compartment cover



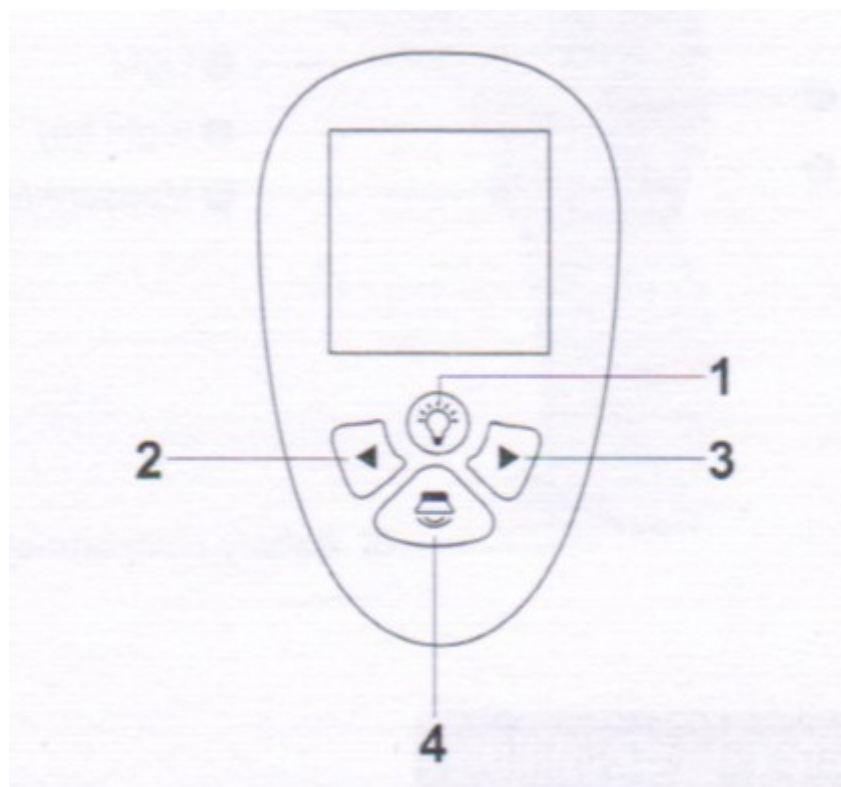
## 5. Screen icon definition

- 1 - Measure mode
- 2 - Temperature
- 3 - Stored data location
- 4 - Buzzer
- 5 - Celsius °C
- 6 - Fahrenheit °Fahrenheit
- 7 - Battery volume



## 6. Function of buttons

The functions of this product include temperature unit, indication voice switch, light switch, temperature alarm, stored data and measurement mode.



1 - Light - Quick press to start or turn off the light, Long press the "Light" key to switch "Body" and "Object".

2 - Left - Quick press to look up stored data.

3 - Right - Quick press to look down stored data.

4 - Sound - Quick press to start or turn off the sound, Long press "Sound" key for 2 seconds to the mode of "setting".

## 7. Set up

1. Long press the "Light" key to switch "Body" and "Object".

2. Press "Right" and "Left" to check the stored data.

3. Long press "Sonud" key for 2 seconds to the mode of "Setting", the LCD screens shows F1. 2. Press "Right" and "Left" to switch C and F.

4. Long press "Sonud" key for 2 seconds to the mode of "Setting", the LCD screens shows F1, press "Sound" one more time and shows F2. Press "Right" and "Left" to set up the warming temperature, default it on 37.5°C.

5. Long press "Sonud" key for 2 seconds to the mode of "Setting", the LCD screens shows F1, press "Sound" 2 times and shows F3. Press "Right" and "Left" to set up the buzzer, default "open".

6. Long press "Sonud" key for 2 seconds to the mode of "Setting", the LCD screens shows F1, press "Sound" 2 times and shows F4. Press "Right" and "Left" to set up the offset, default "0.0".

(Tips: the offset can be set up from -3.0°C ~ +3.0°C in the normal measurment distance and environment. For example the body's temperature is measured as 35.9°C in a special environment, but the body's real temperature is 36.6°C, in this case, the right temperature can be set up "36.6°C" by "F4".)

## 8. Use steps

Step 1: Put into battery (tips: Do not install wrong):

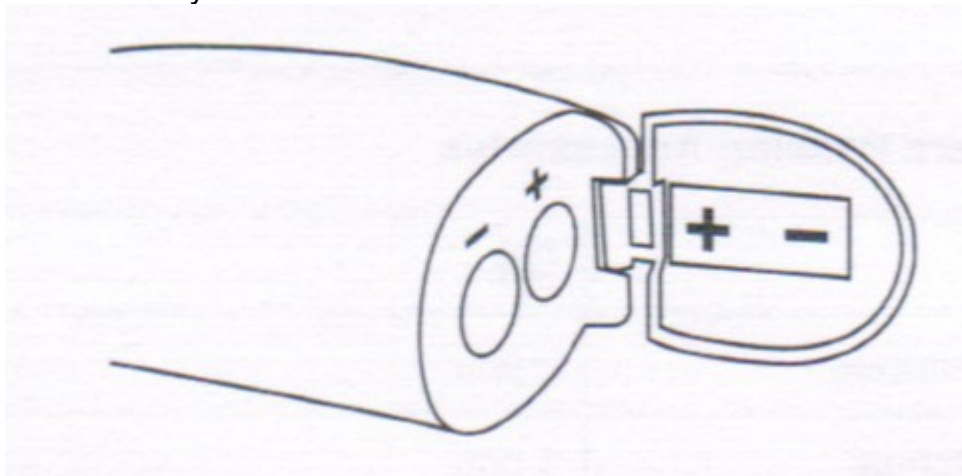
Step 2: From forehead 1-5 cm, them press the measurement switch, the screen will show the body temperature.

Notes: If the temperature is low the screen will "Lo", If the temperature is too high, the screen will show "Hi".

## 9. Battery perlasment

- Open the battery lid and take out exhausted batteries;

- Put into 2 pcs AAA battaries according to the positive and negative poles (see following picture), clode the battery lid.



## 10. Notes

1. Take out batteries in case the thermometer is not user for long period, Don't put the batteries in fire;
2. Dispose of batteries according to local regulations;

## **11. Maintenance tips**

- Make sure the sensor and probe cavity is clean, otherwise it will affect accuracy.

Cleaning method for probe:

1. Use the cotton stick or soft cloth with water or alcohol to wipe the casing;
  2. Use the cotton stick or soft cloth with alcohol to wipe the sensor surface or probe cavity gently. Don't use thermometer before alcohol is vaporized.
- Read this manual book thoroughly before use. Make sure the battery is well installed;
  - It is not allowed to put the thermometer in any liquid or expose to strong sunlight or extremely low temperature;
  - Strong crash or hit to the product will cause its damage;
  - Do not dismantle this thermometer by yourself. Keep the thermometer far from children's reach;
  - Do not use the thermometer under the circumstance of strong electromagnetic interference;
  - The measurement results are probably fluctuating due to improper measurement ways.

Please practice adequate measurements to improve your skills.

- The measurement results can not supersede a doctor's diagnosis;

Special maintenance is unnecessary for this thermometer, Please contact distributor or manufacturer in case of malfunction.