BODY TEMPERATURE MEASUREMENT QUICK GUIDE

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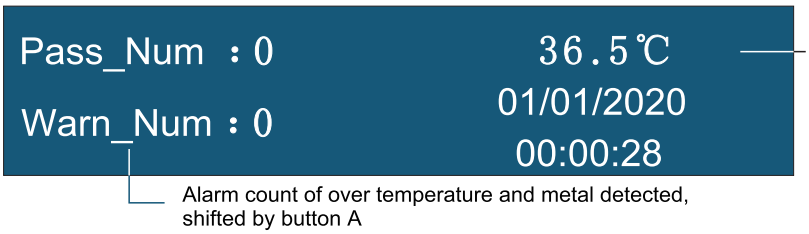
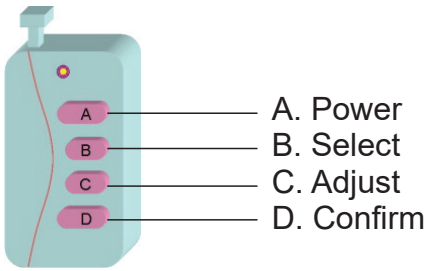
Body Temperature Measurement - Quick Guide V5.6

Interface



Remote control



Temperature measurement module

Temperature Sensor

Real-time infrared themosensor to detect temperature,
Ready in 30 seconds after power on.

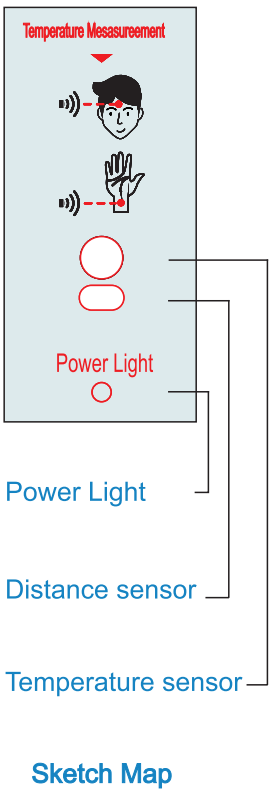
Distance Sensor

The distance sensor starts working when a person or object is within 20cm. If the temperature of the person or object detected is ≥35.5°C, the notification “Normal Temperature” is triggered; if it’s lower than 35.5°C, or higher than the set value, the voice prompt “Please check again” is triggered. When the ambient temperature is lower 15°C or the temperature of the person or object is ≥34.5°C the voice prompt “Normal Temperature” will be triggered. If it is lower than 34.5°C or higher than the set value with alarm, the voice prompt “Please Check Again” will be triggered.

NOTE: The distance sensor should be clear of obstacles, otherwise it will repeat the voice broadcast.

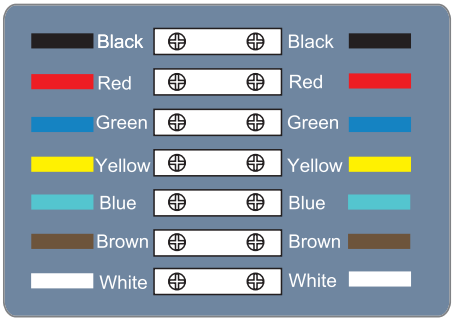
Power Light:

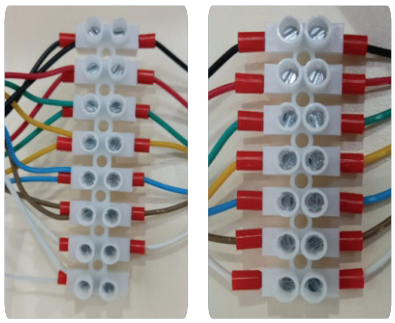
The indicator light is on when the temperature module is working. When measuring the forehead temperature, the measured result is the most accurate when the sensor is on the center of the forehead.



Sketch Map

Temperature sensor connection

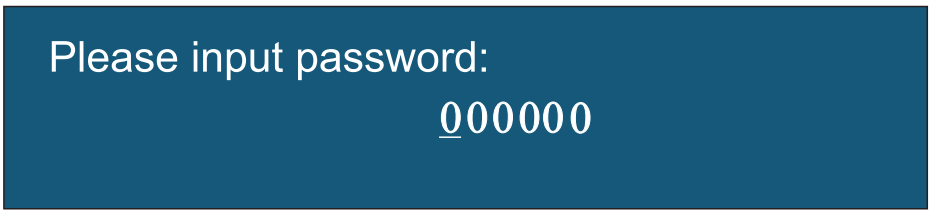




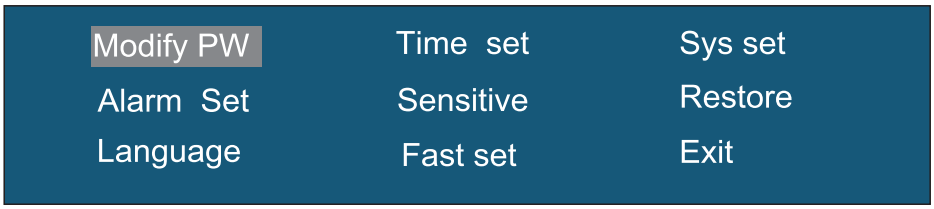
It's not necessary to distinguish between the two temperature sensors' connecting wires.
They can be connected to the two white terminal blocks according to the corresponding colors.

Commission instruction

Step 1 press D button in the main menu to enter below:

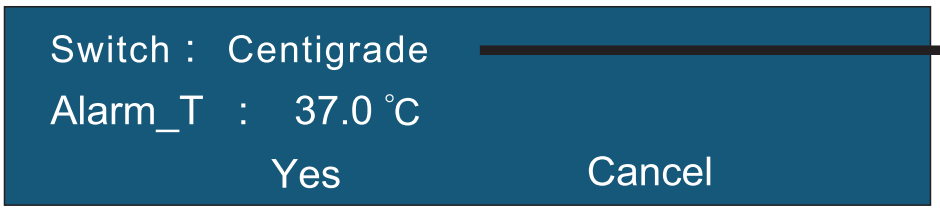


Step 2 press D button to enter below:



Step 3 press C button to shift the cursor to Fast set,
press D to enter below:

Step 4 press D to enter below:



Press D to change to Fahrenheit (°F)

Step 5 Press “C” to shift the cursor to “Temp Set”, press “D” to set. The default temperature is 37.2°C After setting, Press “C” to shift the cursor to “YES” and press “D”.

NOTE: To change to Fahrenheit move the cursor to the Celsius position, then press “D” to switch to the Fahrenheit display.

Temp Set	Gym	Exhibition
Hardware	Club	School
Court	Prision	Government
Airport	Station	Return

Step 6 Press “C” to shift the cursor to “Return” and press:

Modify PW	Time set	Sys set
Alarm Set	Sensitive	Restore
Language	Fast set	Exit

Step 7 Press “C” to shift the cursor to “Exit” and press “D”:

Modify PW	Time set	Sys set
Alarm Set	Sensitive	Restore
Language	Fast set	Exit

In “Sys set”, we can set temperature compensation. It is used only when in maintenance mode. The default temperature compensation value is 0°C and the default environment temperature compensation is 25°C. Users do not need to modify or test it.

sys set → D button → temperature compensation → D button → ambient temperature compensation

If we decrease it by 10°C, the body temperature will decrease 1°C. If we increase it by 10°C, the body temperature will increase 0.5°C.

Due to the complexity of the ambient temperature, this instrument has a special debugging mode, and Press the select button to switch twice. The indoor mode has the characteristics of high sensitivity, the outdoor mode has the characteristics of low sensitivity and preventing high temperature false alarm.

Low temperature voice setting:

In the function menu interface, press “B” to move the cursor to the “Sys set”, and press “D” to enter the password setting. Press “B” to move the cursor, press “C” to adjust, and enter the password 479888. Press “D” to enter the special setting interface, Press “B” to move the cursor to voice setting, press “D” to enter low temperature voice setting interface.

Default is low temperature "Voice broadcast". If you do not need the voice, select "No play voice" and press “D” to return to the special setting interface, and press “B” to move the cursor to "save", press “A” for 3 seconds.

Sys set → 479888 → D button → Prompt → D button → No Play Voice

Low temperature “Voice broadcast” is default and recommended.

Installation precaution

1. Indoor installation is recommended. Cold conditions might influence the accuracy of the measurements. If it is in this situation then increase the temperature compensation to 5°C.
2. The temperature measurement area should be protected from sunlight to avoid high results.
3. When used outdoors under special circumstances, build a protective barrier/cover. The covering should be secured and measure more than 7.5 feet to ensure clearance. Personnel should walk slowly to make sure their temperature is measured.

Instructions:

1. Power on and wait for 30 seconds, keep nothing in front of the temperature sensor.
2. Normal ambient temperature is 0 ° C - 30° C. When using it at - 10 ° C, you have to decrease the environment temperature compensation, 5° C per time, until the result difference between it and the forehead thermometer is less than ± 0.3° C. In case the results of many persons are low, it can also be calibrated by this method.
3. Measurement method: Measure forehead or wrist surface
4. Forehead temperature and wrist surface temperature can be measured without adjusting settings.
5. Measurement area: the center of forehead or the wrist covered by sleeve.
6. Standard measurement distance: 1cm-10cm. When measuring at a distance of 10-30cm, it is necessary to adjust the environment temperature compensation, 5° C per time, until the result difference between it and the forehead thermometer is less than ± 0.3° C.
7. Measurement time: 0.5 seconds. After the measurement, please leave quickly. Otherwise the measurement will be repeated.
8. During the temperature measurement, influenced by the measurement speed, the temperature might suddenly fluctuate up and down. In this case, please measure the body temperature 3-5 times continuously, and take the average value as the final measurement result.
9. The instrument automatically detects the temperature of the object in 20cm in front of it. After measuring the temperature, we have to move our hand or forehead away. If we keep close to the sensor for long time, it will stop working as a protection.

Disclaimer

The infrared temperature measuring device is the human body surface temperature screening instrument. The test results only reflect the real-time temperature evaluation of objects or people in a specific environment. The selling company and the manufacturer shall not bear any responsibility for the direct or indirect loss caused by the use of the test results.