

Digital Temple Thermometer

INSTRUCTIONS FOR USE

Please read carefully before using

KD-2270 










IMPORTANT!

Read instruction manual before using the thermometer

Quick Start

1. Install batteries into the thermometer. Make sure the polarity is correct.
2. Press and release the POWER button. Unit will beep once. Wait until it beeps again twice and °F appears in the display.
3. Place and hold the thermometer probe firmly to the skin at the temple and wait several seconds for the device to beep once more.
4. Read the temperature on the display.

HOW TO USE


1. Install 2 AAA batteries.
2. Press the POWER button to turn on the unit. A beep sound follows.  Power On
3. The last memory is displayed .
4. You will hear 2 beeps with the measuring scale shown as following figures.
 Loading  Ready to test
5. Put the thermometer on the temple then it beeps one time to present measurement completion.
6. If the temperature reading is over 99.5°F (37.5°C), eight consecutive beeps will be heard to indicate fever alarm.
7. Once the measurement is done and the reading is recorded then you will hear 2 beeps for ready to take the next measurement.
 Waiting  Ready for the next measurement
8. Turn off the unit by pressing the POWER button, or the unit will automatically turn off after 60 seconds of inactivity .
9. Switching between Centigrade and Fahrenheit:   Turn unit on. While 188.8 is still showing press & hold the power button again for 2 seconds.

Read-back last memory by NFC

Install OUCare APP by Google play or App Store successfully. OUCare not only collect temperatures but also can do graph for checking temperature's trend easily.



For Android mobile device : When the device is off, put mobile device above the thermometer, the last temperature will be read-back and show on mobile device.

For iPhone7 or above : The iOS should be 11.0 or above. When the device is off, press the  icon of APP then close to the thermometer, the last temperature will be read-back and show on mobile device.

Right side is a figure of NFC area of iPhone7.



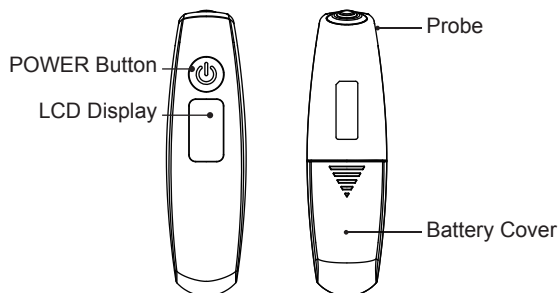
PRECAUTION

1. Use the thermometer to measure your temple temperature only, the place between the eyehole and the hairline, close to the temporal artery.
2. Do not place the thermometer on scarred tissue, open sores or abrasions.
3. Using drug therapies may raise forehead temperature, which may lead to incorrect measurements.
4. Do not dismantle the unit unless replacing the batteries.
5. Children should not use the thermometer if being alone, without supervision of adults.
6. The thermometer is not shock proof. Do not drop the thermometer or shock it heavily.
7. The thermometer is not water proof. Do not immerse it in liquid of all kinds including water.
8. To ensure correct readings, please wait for at least 2 minutes between continuous measurements for the thermometer to return to room temperature.
9. Do not use the thermometer when flammable materials are around.
10. Stop using the thermometer once malfunctions appear or it operates abnormally.
11. Clean the thermometer probe before measuring.
12. Do not take measurement of temple skin if it is exposed to direct sunlight, fireplace heat and air conditioner flow, as this may lead to incorrect readings.
13. If thermometer has been put at below-freezing temperatures, please wait for at least 1 hour for it to return to room temperature before measuring.
14. Being operated or stored outside the stated temperature and humidity ranges and measuring the patient whose temperature is below the room temperature may degrade the performance of the thermometer.
15. Body temperature, like blood pressure, varies from person to person, and during the day, it may range from 35.5°C to 37.8°C (95.9°F to 100.0°F). For some people it may show some difference from their normal temple temperature. It is recommended to learn and recognize the temple temperature while healthy. For accurate results, measure the same area of the temple each time of measuring.
16. Avoid taking measurement within 30 minutes after physical exercise, bathing or eating.
17. Keep the temporal area dry and clean from sweat, make-up, etc.
18. Calibration is recommended every two years.
19. Follow the national requirement to dispose unit.

SPECIFICATIONS

Measurement Site	Temples
Measurement Time	6 seconds
Measurement Range	95.0°F~107.6°F
Operating Condition	60.8°F ~ 104°F, R.H. of 15~95% non-condensing
Storage Condition	-4°F ~ 120°F, R.H. of 15~95% non-condensing
Measuring unit	°F
Resolution	0.1°F
Accuracy	Less than 96.4°F, Greater than 106.0°F: ±0.5°F 96.4°F to less than 98.0°F, Greater than 102.0°F to 106.0°F: ±0.3°F 98.0°F to 102.0°F: ±0.2°F
Battery	AAA battery x 2pcs
NFC	Last memory read-back iPhone7 and above Android mobile device with NFC
Battery Life	More than 500 measurements.
Weight	Approx. 52g includes batteries +/- 5%
Dimension	127.7mm x 35.2mm x 33.4mm +/- 2%
Memory Set	9 sets
Auto Shut Off	After 60 seconds of inactivity
Warranty	1 year
Certification	ISO 13485 ASTM E1112

PARTS DESCRIPTION



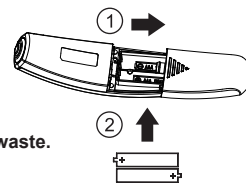
What are normal temperature values?

Human body temperature varies from person to person. One person's body temperatures are different from time to time as well. Therefore, it is very important to know your normal body temperature range. Thus we recommend you measure yourself when healthy to establish referenced temperatures which will make you feel more confident of the measured temperature when ill.



BATTERY REPLACEMENT

1. Take the battery cover off in the direction shown.
2. Install 2 new AAA batteries into thermometer.
3. Re-place the battery cover securely.



Warning :

1. Do not put used batteries in trash.
2. Recycle or manage used batteries as hazardous waste.
3. Never dispose of batteries in fire.
4. Dispose of used batteries in recycling trash only.
5. Do not recharge, put in backwards or disassemble. This may cause explosion, leakage and injury.
6. Memory may be erased after replacing a new battery.

MEMORY MODE

Recalling Memories:


1. Turn off the unit first.
2. Press the POWER button and hold for 3 seconds until the last record is shown.
3. Press the POWER button to choose previous reading.



4. After the POWER button is released, you will hear 2 beeps indicating ready to measure.








Deleting Memories:

1. In Recalling Memories step, press the POWER button again and hold for 3 seconds until "dEL" shows .
2. Press the POWER button to delete all memories then the thermometer will power off automatically.
3. If you don't press the POWER button, the thermometer will return to **Recalling Memories** step.








CLEANING AND CARE

1. Please do not drop the unit or expose to heavy shock. The unit is not shock proof.
2. Wipe the tip and probe with an alcohol swab or cotton swab moistened with 70% isopropyl alcohol before & after each use. After cleaning, wait at least 2 minutes before taking a measurement for the unit to readjust to room temperature.
3. Use only a soft dry cloth to clean the body of the thermometer (if necessary). Please avoid thinner and benzene or other harsh
4. Please remove the battery if the unit will not be used for a long period.
5. Do not expose the thermometer to extreme temperatures, humidity, direct sunlight or shock. Store it at room temperature.

TROUBLESHOOTING

	The Temperature measured was higher than the specified measuring range. Please measure again.
	The ambient (room) temperature was outside the operating range. Keep it at room temperature (approx. 60.8°F~104°F) for 30 minutes before using.
	Poor contacts cause the thermometer stop to measure. The thermometer will power off automatically. Please contact distributor.
	The thermometer is no function. Please contact distributor.
	Low battery indication, replace two AAA batteries.

EXPLANATION OF SYMBOLS

	Manufacturer		Warning and Caution
	Power Button		Place on the temple to do measurements
	Low battery indication		Waiting for setting
	MMYY : Lot Number composed by month(M) and year(Y) of manufacture		

LIMITED WARRANTY

Warranty:

The device itself (battery excluded) comes with one year warranty from purchasing date if it is operated under normal circumstances without evidence of tampering. See exclusions below.

Warranty exclusions:

1. If user does not properly operate the device according to the instructions as described in this manual.
2. If the device shows signs of tampering or attempted modification.
3. Improper handling, such as dropping, liquid or cleaner damage.
4. Natural disasters (such as fire, flood, earthquake, lightning strike).
5. If you do not have a receipt or proof of purchase showing date of purchase.

LOT NUMBER INFORMATION

YYMM on the device label means the year and month of manufacturing. For example, "1810" means the unit was manufactured in October, 2018.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

The product complies with FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Changes or modifications not expressly approved by 180 INNOVATIONS may void the user's authority to operate this device.

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