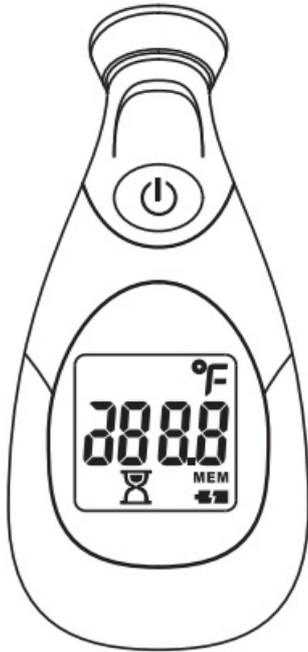


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Digital Temple Thermometer KD-2201 Instruction Manual

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**Digital Temple Thermometer
KD-2201**



Manufactured by: K-Jump Health Co., Ltd Made in China

Contents
Digital Temple Thermometer
Model KD-2201
POWER SOURCE

SIZE AAA 1.5V x 2 (included)

WARRANTY:

ONE YEAR FROM THE DATE OF

PURCHASE (excluding batteries)

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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 only °F shows in the display.
3. Place and hold the thermometer probe firmly to the skin at the temple area and wait several seconds for the device to beep once more.
4. Read the temperature on the display.

POWER SOURCE
SIZE AAA 1.5V x 2 (included)

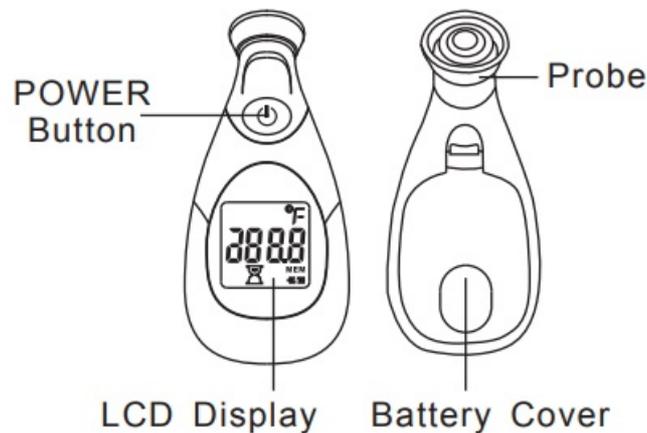
WARRANTY:
ONE YEAR FROM THE DATE OF
PURCHASE (excluding batteries)

Important Things to Know

1. Use the thermometer to measure your temple temperature only, the area between the outer corner of the eye and the hairline, right over 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 except to replace the batteries.
5. Children should not use the thermometer without adult supervision.
6. Do not drop or expose thermometer to electric shock as this may adversely affect its performance.
7. The thermometer is not water proof. Do not immerse in water or liquid of any kind.
8. To ensure correct readings, wait 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 present.
10. Stop using if thermometer operates abnormally or if malfunctions appear.
11. Clean the thermometer probe after each measurement.
12. Do not take a measurement if the temple area has just been exposed to direct sunlight, fireplace heat or air conditioner flow as this may lead to incorrect readings.
13. If thermometer has been kept or stored in a cold temperature, wait at least 1 hour for it to return to normal room temperature before taking a measurement.
14. Performance of the device may be degraded if it is operated or stored outside the stated temperature and humidity range or if the patient's temperature is below the ambient (room) temperature.

15. Body temperature, like blood pressure, varies from person to person. During the day it can range from 95.9 to 100.0°F (35.5 to 37.8°C). For some people there can be a difference between their temple and body temperature. We recommend learning your normal temple temperature while healthy so you can detect an elevated one when you are sick. For accuracy, be sure and measure the same area of the temple each time.
16. Avoid taking a measurement for at least 30 minutes after physical exercise, bathing or eating.
17. Make sure the temporal area is dry and clean of sweat, make-up, etc.
18. The device is intended for Consumer use only.
19. Calibration is recommended every two years.

Parts Identification



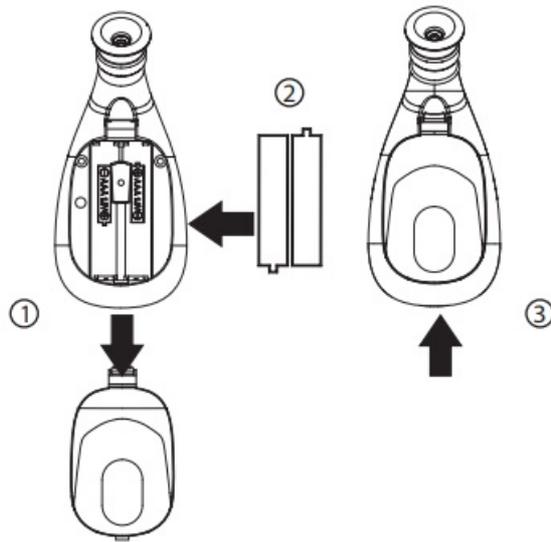
What are normal temperature values?

Human body temperature varies from person to person and a person's body temperature can fluctuate throughout the day. Therefore, it is very important to know your normal body temperature range. Thus we recommend measuring yourself when healthy to establish reference temperatures which will help you feel more confident of the measured temperature when ill.

Preparation for Use

Installing / Replacing the Batteries

1. Pull the battery cover off in the direction shown.
2. Prior to installing new batteries you must clean the metal contact ends of the batteries as well as the metal springs and contacts in the battery compartment.
3. Install 2 new AAA batteries into the battery compartment being careful to match the correct polarities.
4. Replace the battery cover securely.



Warning:

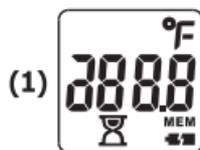
1. Do not dispose of batteries in trash.
2. Recycle or manage used batteries as hazardous waste.
3. Never dispose of batteries in fire.
4. Dispose of used batteries in recycling trash only.
5. Do not recharge, put in backwards or disassemble. This may cause explosion, leakage and injury.

Caution:

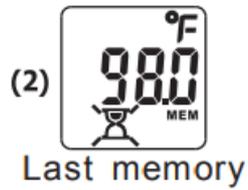
1. Replace with 2 new batteries at the same time.
2. Do not mix alkaline, standard (carbon- zinc) and rechargeable (nickel-cadmium) batteries and use at the same time. Always use 'like' batteries.

How to Operate the thermometer

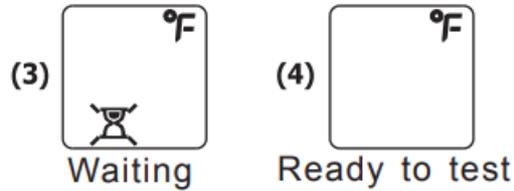
1. Press the POWER button to turn on the unit. A beep sound follows.



2. The last memory is displayed.



3. You will hear 2 beeps and then the measuring scale as shown in Figure 4



4. Place the thermometer on the temple. It will beep one time to indicate measurement completion.

5. If the temperature reading is over 99.5°F (37.5°C), eight consecutive beeps will be heard (fever alarm) indicating an elevated temperature

6. Once the measurement is done, you will hear 2 beeps indicating the reading has been recorded and it is ready to take the next reading. However, we do not recommend consecutive measurements.

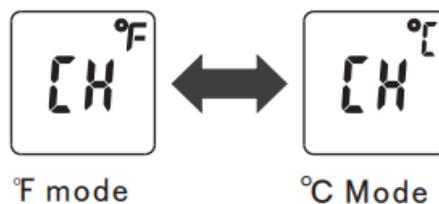


7. Turn off the unit by pressing the POWER button, or the unit will automatically turn off after 1 minute of inactivity.



Switching between Fahrenheit and Centigrade Scale:

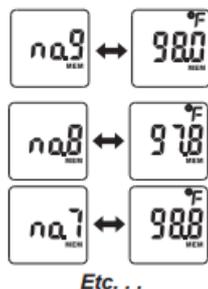
You can switch between °F or °C by pressing and holding the POWER button again within 3 seconds after turning on the device. The display will show CH with an °F or °C



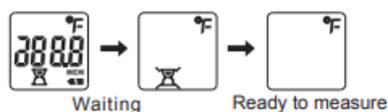
Memory Mode

Recalling Memories:

1. Begin with the unit turned off.
2. Press and hold the POWER button for approximately 3 seconds until the most recent memory is shown, then release.
3. Press and release the POWER button again and again to scroll through the remaining previous memories.



4. When you are finished viewing the stored memories, discontinue pressing the POWER button. After a short pause, you will hear 2 beeps indicating the unit is ready to take a new measurement.



Deleting Memories:

If you choose to delete memories on the thermometer, this may be done after step 2 or 3 of **Recalling Memories**.

It is not necessary to delete memories, it is simply an option. Oldest memories will automatically be deleted as you take new measurements. Removing the batteries will also delete all memories from the unit.

~ NOTE ~

ALL memories will be deleted in this process, you cannot delete just one single memory

1. As you are scrolling through and viewing stored memories, at any time you may press and hold the POWER button for 3 seconds until **dEL** displays - then release the button.



2. While **dEL** is still displayed, **press and release*** the POWER button once more to finish the delete process. **OFF** will show on the display and all stored memories are now deleted.



*If you do not press and release the POWER button in this step, the thermometer will return to recalling memories

Cleaning and Care

	Do not drop the unit or expose to heavy or electric shock as this will adversely affect its performance. Unit is not shock proof.
	Wipe the tip and probe with a cotton swab moistened with rubbing alcohol, or use an alcohol wipe, before and after each use. Then wait at least 2 minutes to allow the unit to readjust to room temperature before taking another measurement.
	If necessary, use only a soft cloth to clean the body of the thermometer. Avoid using thinner, benzene or other harsh cleaners. Do not use an abrasive cleanser and NEVER submerge the thermometer in water or any other liquid.
	Remove the batteries if the thermometer will not be used for a long period of time.
	Do not expose the unit to extreme temperatures (cold or hot), humidity or direct sunlight. Thermometer should be stored at normal room temperature.

Trouble Shooting

Message	Instruction
	The temperature measured was higher than the specified measuring range. Wait 2 minutes and try again.
	The ambient (room) temperature was outside the operating range. Keep unit at room temperature (approx. 60-104°F / 16-40°C) for 30 minutes prior to using.
	Movement or poor contact caused the unit to stop measuring. Thermometer will turn off automatically. Make sure both skin and probe are clean (see Cleaning and Care page 10). Wait 2 minutes and measure again being careful not to move probe while measuring.
	The thermometer has malfunctioned, please contact distributor.
	Indicates a low battery condition. Replace with 2 new AAA batteries as soon as possible.
	Batteries are dead and must be replaced with 2 new AAA batteries.

SPECIFICATIONS

Measurement Time:
6 – 10 seconds
Measurement Location:
Temporal artery area of forehead
Measurement Range:
95.0°F – 107.6°F (35°C – 42°C)
Operation Environment:
60.8°F – 104°F (16°C – 40°C)
Humidity: 15 – 95% non condensing
Storage Environment:
-4°F – 122°F (-20°C – 50°C)
Humidity: 15 – 95% non condensing
Measurement readout:
Fahrenheit or Celsius
Accuracy:
± 0.2°F (98 – 102°F) ± 0.1°C (37 – 39°C)
± 0.3°F (96.4 – 97.9°F) ± 0.2°C (35.8 – 36.9°C)
± 0.3°F (102.1 – 106°F) ± 0.2°C (39.1 – 41°C)
± 0.5°F less than 96.4°F ± 0.3°C less than 35.8°C
± 0.5°F greater than 106°F ± 0.1°C greater than 41°C
Batteries:
2 AAA 1.5V batteries (included)
Battery Life:
Min. 1000 full duty cycles over 24 month period
Weight:
1.94 oz (55 gr) including batteries
Dimensions:
4.1 x 1.82 x 1.18 (inches) 10.4 x 4.6 x 3.0 (centimeters)
Memory:
Nine sets
Auto Shut Off:
after 60 seconds
Warranty:
1 year – excluding batteries
Classification:
Internally powered Type BF equipment

The device complies with requirement of ASTM 1112 Standard Specification for Electronic Thermometer for Intermittent Determination of Patient Temperature, EN 12470-3 Clinical thermometers Part 3 : Performance of compact electrical thermometers (non-predictive and predictive) with maximum device.

LIMITED WARRANTY

This thermometer (batteries excluded) is guaranteed for one year from the date of purchase against manufacturer's defect under normal use and without evidence of tampering.

WARRANTY EXCLUSIONS:

- Device is not properly operated according to the instructions as described in the manual.
- Device shows any signs of tampering or attempted modification.
- It is at the full discretion of 180 INNOVATIONS to determine if any visible or notable attempts have been made to tamper, modify, alter or disassemble the device, therefore voiding the warranty.
- Evidence of improper handling or storing, such as dropping, heat, liquid or cleaner damage.
- Natural disasters (such as fire, flood, earthquake, lightening).
- **No receipt or proof of purchase showing date of purchase.**

If the thermometer is not functioning, first check the batteries. Replace if necessary.

FCC STATEMENT

NOTE: POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for U.S.A. Only)

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 product 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. The product 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 the product does cause harmful interference to radio or television reception, which can be determined by turning the product on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

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