

# Non-Contact Infrared Thermometer

## INSTRUCTION MANUAL

Please read carefully before using

KI-8280

Manufacturer  
K-Jump Health Co., Ltd  
No.56, Wu Kung 5th Rd., New Taipei  
Industrial Park, New Taipei City 24890, Taiwan  
http://www.kjump.com

### DEVICE DESCRIPTION AND INTENDED USE

The thermometer is an electronic device intended to measure the body (human) temperature. It is designed to absorb the infrared from human body to detect your temperature. It can be used with adult or pediatric patients and it can be used in household.

### HOW TO USE

#### Measurement Consideration

##### CAUTION

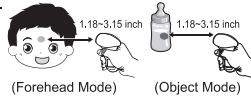
1. Make sure the measuring site is dry, clean prior to measurement taking.
2. Clean the probe before and after each measurement to prevent cross-contamination, see Cleaning & Disinfection.
3. After cleaning and disinfection the probe, please wait for 2 minutes to do a measurement at least.

#### Forehead Measurement

1. Press and release the ON/OFF button to turn on the device.
2. Aim the forehead within measuring distance and the device should be kept as still as possible during use.
3. Press and release the ON/OFF button to do a measurement.
4. Read the temperature on the LCD.

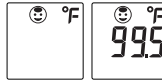
#### Object Measurement

1. Switch to object measuring mode.
2. Aim the object surface within 1.18~3.15 inch (3~8cm).
3. Press and release ON/OFF button to do a measurement.



#### Doing A Measurement

1. Press and release the ON/OFF button to turn on the device; it will auto self-diagnosis.
2. After completing self-diagnosis, the device will be ready for measurement.
3. Press and release the ON/OFF button then read the temperature.
4. Device will beep in accordance with the temperature, when the reading is higher than 99.5°F(37.5°C), the device will have fever alarm.



### CONTRAINDICATIONS

1. Place the probe in scarred tissue or tissue compromised by any disorders of measuring site.
2. Patients in trauma or treat with certain drug therapies of measuring site.
3. Place the device on measuring site exposed to direct sunlight, fireplace heat, cold, compress therapies, air condition flow, etc.

### SETTING

#### SETTING °C or °F

When the device is on, simply press M button then press ON/OFF button immediately.

#### Changing Modes

The device has two mode of measuring site:

1. Forehead mode
2. Object mode. **The default is Forehead mode.**

1. Turn on the device then the device is ready for forehead measuring.
2. Press and hold M button until LCD shows for and forehead icon.
3. Press and hold M button again for 2 seconds to switch back.
4. The measuring site icon flashes twice and it means the mode change is successful.

#### Changing Setting

Otherwise, the beeps and offset can be set.

5. Repeat step 1~2, press and release M button again to enter beeps on/off mode.

6. The "—" flashes for 3 times then LCD shows on, press and release M button to turn on or off the beeps. The beep default is on.

7. Per above, then press and release M button again to enter offset mode.

8. After flashing, press and release M button to turn off this setting.

9. Or set the value by press ON/OFF button, the increment/decrement is 0.1.

10. After step9, wait for 5 seconds, the device is ready for measuring.

The offset default is zero(off).

NOTE : Offset is a personal setting to decrease variation of measurements through different body site. It can be adjusted in accordance with user's body temperature and habit.

The device is capable to convert measured forehead temperature reading to oral temperature automatically. You can apply this mode as a reference temperature to other body sites such as rectal, axillary, and auricular. Please use other thermometers to measure your rectal, axillary or auricular temperature to confirm the temperature difference. Below table is the normal body temperature, for reference.

Body Sites	Normal Temperatures
Oral	95.9°F ~99.3°F (35.5°C ~37.4°C)
Rectal	97.1°F ~100.2°F (36.2°C ~37.9°C)
Axillary	95.0°F ~98.6°F (35.0°C ~37.0°C)
Auricular	96.2°F ~100.2°F (35.7°C ~37.9°C)

### MEMORY FUNCTIONS

#### Recall Memory

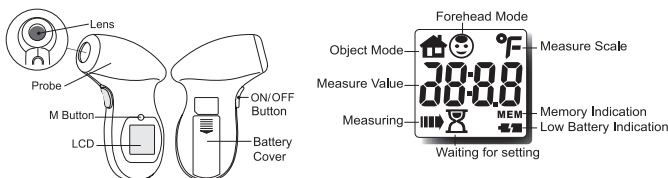
1. Memory recall can only be used when the device is ready for measuring.
2. After device has been powered on, press and release the M Button to show readings stored in memory.
3. When finished viewing memory, press ON/OFF button to do a measurement.

#### Delete all Memory

Replace batteries to delete all memories of body temperatures.



### DEVICE OVERVIEW & DISPLAY OVERVIEW



### QUICK START

1. Install battery into the device. Make sure the polarity (+ and -) of the battery matches as shown in the battery compartment.
2. Press and release the ON/OFF button, you will hear a short beep. The device will be ready for measuring when two short beeps are heard.
3. Aim probe to the measuring site within measuring distance.
4. Press the ON/OFF button then read the temperature on the display.



### PRODUCT SPECIFICATION

Measuring Site	Forehead / Object
Measuring distance	1.18~3.15 inch (3 ~ 8 cm)
Measuring time	1 second
Measuring range	Forehead mode : 90°F ~ 110°F (32.2°C ~ 43.3°C) Object mode : 32°F ~ 212°F (0°C ~ 100°C)
Accuracy	Forehead mode 90°F~110°F (32.2°C ~ 43.3°C) : ± 0.4°F (0.2°C) Object mode 32°F~212°F (0°C~100°C) : ± 1.8°F (1.0°C)
Resolution	0.1°F (0.1°C)
Memory Sets	10 sets
Operating Condition	60.8°F ~ 104°F (16°C ~ 40°C), 15 ~ 95%RH (non-condensing)
Storage Condition	-4°F ~ 131°F (-20°C ~ 50°C), 15 ~ 95%RH (non-condensing)
Battery	AAA battery x 2
Battery Life	5000 measurements at least
Auto Power Off	After 60 seconds of inactivity
Dimension	5.43x3.54x1.77 inch (138 x 90 x 45 mm)
Weight	132g including batteries
Certification	ISO 13485/ASTM E1965-98

### ABOUT BODY TEMPERATURE

A person's normal body temperature can range from 95.9°F to 100.0°F(35.5°C to 37.8°C) throughout the day. We recommend taking your temperature at different times during the day when you are NOT sick. This will give you a preliminary reference to know what your normal temperature is and how it fluctuated during a normal day. Then, when you feel sick or discomfort, knowing this will provide an index for a reliable diagnosis of a fever.

### EXPLANATION OF SYMBOLS

	Power Button
	M Button
	Measuring
	Forehead
	Object
	Memory Indication.
	Measuring site is forehead
	Low battery indication
	LOT NO.(YYMM) on the device label means the year and month of manufacturing.

### TROUBLESHOOTING

	The reading is over measuring range. Please wait a few minutes and measure again.
	The reading is under measuring range. Please wait a few minutes and measure again.
	The ambient temperature is out of the Operation Environment range. The device self-diagnostic is failed. Please contact the distributor.

### BATTERY INSTALLMENT

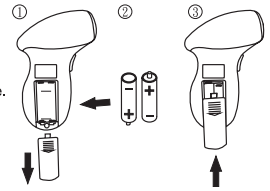
#### WARNING

Use only same type of alkaline batteries to avoid incompatibility.

1. Replace with 2 new AAA batteries simultaneously when the low battery indication appears.
2. The memories might be erased after replacing the battery.
3. Remove battery if the device is not likely to be used for a long period of time.
4. Do not dispose the battery in a fire, the battery will explode.

#### Replace Battery

1. Remove the battery cover to insert battery.
2. Confirm the polarity (+ and -) of batteries are correct as indicated inside the compartment and insert batteries accordingly.
3. Replace the battery cover.



#### WARNING

1. Discard old battery carefully, out of reach of young children. Swallowing the battery may be fatal. If the battery is swallowed, contact a hospital immediately to have it removed. Do not dispose of the battery in a fire. It may explode.
2. For battery disposition, please consider the national regulation.

### CLEANING AND DISINFECTION

1. To clean and disinfect the device, use a cotton swab or pad moistened with 70% alcohol to wipe the probe.
2. Use a cloth dampened with water or neutral detergent to clean and dry the device.
3. Do not use thinner, benzene, and other harsh cleaners for cleaning the device.
4. Do not immerse the unit in water or liquid of any kind. **The unit is not water proof.**

Do not submerge or expose the device to water.

Do not use corrosive detergent to clean the device. Clean and disinfect the thermometer before and after use.

#### Drying process:

1. After cleaning and disinfection process,
2. Put the device to air-dry in the room temperature 68-86°F(20-30°C), exposure time around 30~60 min.
3. And store the device in a dry, clean, and dust-free environment at moderate temperatures of 41°F(5°C) to 104°F(40°C).

### CARE AND STORAGE

1. Do not drop or crush the device. It is not shock proof.
2. Do not dismantle or modify the device other than changing the batteries.
3. Do not store the device in an extreme environment with direct sunlight, high/low temperatures or in a location with high humidity or severe dust. Please contact your local agents or distributors if the device does not function properly as specified under **PRODUCT SPECIFICATION**.

### SAFETY INSTRUCTIONS

#### WARNING:

1. Read the entire instruction manual before trying to operate the device.
2. The device is delivered non-sterile; please clean the device before measuring.
3. Stop using the device if malfunctions appear or if it operates abnormally.
4. Children should not use the device without the supervision of an adult. Keep out of reach of unsupervised children.
5. Do not use the device when flammable materials are around.
6. Do not place the device on scarred tissue, open wounds or abrasions.
7. Some medications may cause a rise in skin temperature which can consequently lead to incorrect measurements.
8. Taking a measurement after skin has been exposed to an extreme condition such as direct exposure to sunlight, fireplace/ heater or air conditioner flow, may lead to incorrect readings.
9. If the device has been kept or stored in extreme temperatures, wait at least one hour for the device to return to room temperature before measuring.
10. Do not touch the probe, unless the device is on the measuring.
11. The device is not water resistance, please keep dry.
12. Do not drop the thermometer or expose it to heavy shock.
13. Do not bite or swallow the probe and the battery cover.
14. Do not let thermometer come into contact with any thinner or chemical solvents.
15. Components may be harmful if swallowed. Contact a physician immediately should this occur.
16. Do not use it if the display malfunctions or it operates irregularly.
17. Do not put this unit in dishwasher.
18. Performance of the thermometer may be degraded if: Operated or stored outside stated temperature and humidity ranges or if the patient's temperature is below the ambient (room) temperature.
19. The reading is for reference, if feel sick or uncomfortable, please contact the physician.

#### CAUTIONS:

1. Do not scrape or scratch the probe as it will hamper the effectiveness of the device.
2. Do not dismantle the device except when replacing the battery.
3. Wait at least thirty minutes after exercising, bathing or eating before taking a measurement.
4. If the subject's body temperature is lower than the room temperature, a false reading may occur.
5. To ensure the best performance of the device, please follow the Product Specification "Storage condition" regarding temperature and humidity ranges for storing the device.
6. Dispose of the device and battery according to your local regulatory or environmental protection agency.
7. The device is not intended for use in the emergency medical services environment.

### WARRANTY INFORMATION

#### 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, thunder strike).
5. If you do not have a receipt or proof of purchase showing date of purchase.

### LOT NUMBER INFORMATION

LOT NO.(MMYY)on the device label means the month and the year of manufacturing. For example, "0420" means the device was manufactured in April,2020.

Made in China