## **Infrared Non-Contact Thermometer**

INSTRUCTION FOR USE
Please read thoroughly before using

KI-8360 🗐

## SAFETY INSTRUCTION

- 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
- 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 when the device is 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 let thermometer come into contact with any thinner or chemical solvents.

  15. Components may be harmful if swallowed. Contact a physician immediately should this por

- Do not let it inferioriteir come into contact with any timine or creation as obvertis.
   Components may be harmful if swallowed. Contact a physician immediately should this occur.
   Do not use it if the display malfunctions or it operates irregularly.
   Do not put this unit in dishwasher.
   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 feeling sick or uncomfortable, please contact the physician.

- A CAUTION:
   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 batteries.

- 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.

  For maximum performance of the device, we recommend a regular checkup and device calibration
- every two years.

## 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.

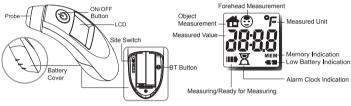
### ABOUT BODY TEMPERATURE

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.

## CONTRAINDICATIONS

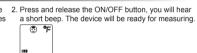
- Place the probe in scarred tissue or tissue compromised by any disorders of measuring site. Patients in trauma or treat with certain drug therapies of measuring site. Place the device on measuring site exposed to direct sunlight, fireplace heat, cold, compress therapies, air condition flow, etc.

## DEVICE OVERVIEW & DISPLAY OVERVIEW



## **QUICK START**

Install batteries into the device. Make sure the polarity (+ and -) of the battery matches as shown in the battery compartment.





- 3. Aim probe to the measuring site within measuring distance Press the ON/OFF button then read the temperature
- on the disp



## EXPLANATION OF SYMBOLS

42	Low battery indication	°F/°C	Measured unit
MEM	Memory Indication	₩,	Flash : measuring Solid : ready for measuring
$\triangle$	Warning and Caution	<b>3</b>	Forehead measurement
டு	Power on, off	OFF	Device is off
***	Manufacturer		Measuring site is forehead.
(i	Please read thoroughly before using.	<b>#</b>	Object measurement
图	Alarm clock indication which can be set by OUcare APP. Once beeps, press ON/OFF button to turn off it.	16:08	Clock mode, as a clock. It can be turn on or off by OUcare APP.

# BATTERY INSTALLATION

- Replace with batteries, when the low battery indication 
   shows
   Use only same type batteries to avoid incompatibility.
- Replace with 2 new AAA batteries simultaneously when the

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

  REPLACE BATTERY

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

  3. Replace the battery cover.



# **⚠** WARNING

- AL WARKING.

  I. 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.

  3. Memory may be erased after replacing batteries.

  4. If no use for 1 month, please take out the battery to avoid the battery leakage or deterioration.

## °F/°C SWITCH

- 1. Turn on the device by pressing and release ON/OFF button.
  2. Press and hold ON/OFF button within first 2 seconds until °F or °C change, release the button as
- soon as change occurs.

  3. Press and hold ON/OFF button again for 2 seconds to switch back and forth from °F or °C

## CHANGE MODE

The device has two modes of measuring site: 1. Forehead mode 2. Object mode
The default is Forehead mode and can be switched to object mode.

1. Remove the battery cover.

2. Slide the site switch UP is forehead measurement.

3. Slide the site switch DOWN is object measurement.

4. During operation of the switching, the forehead ® or object to will flash for twice; after that, icon won't flash, this operation is successful.

5. Per above, it can do measurements accordingly.

d) (Object)

do

986

For

## NOTE: During measuring and beeping, switch the measuring site is not allowed. MEMORY FUNCTION

## RECALL MEMORY

- unit is off, press and hold the ON/OFF button around 3 seconds
- until the last memory shows.

  2. You may continue to press and release the ON/OFF button to recall up to 9 previous records.

  3. Discontinue pressing the ON/OFF button to stop recalling memories.
  - The device is ready to do a new measurement ELETE ALL MEMORY

When the device is in memory mode, press and hold the ON/OFF button until LCD shows dEL, press and release the ON/OFF button to delete all memories, then the device will be off automatically

Otherwise nerwise, To stop deleting memory, do not press the O Then the device will quit the memory mode a do not press the ON/OFF button when you see ne memory mode after 2 seconds then it is read "dEL is ready for



#### USE

#### MEASUREMENT CONSIDERATION

### **∴**CAUTION:

- 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, please wait at least 2 minutes to do a measurement

# FOREHEAD MEASUREMENT 1. Press and release the ON/OFF button to turn on the device. 2. Aim at the forehead within measuring distance 0.787inch(2cm). 3. Press and release the ON/OFF button to do a measurement 4. Read the temperature on the LCD. NOTE: The switch is at UP position. OBJECT MEASUREMENT 1. Switch to object measuring mode. 2 Aim at the object within measuring distance 0.787inch(2cm).



- 1. Switch to object measuring mode.
  2. Aim at the object within measuring distance 0.787inch(2cm).
  3. Press and release the ON/OFF button to do a measurement
  4. Read the temperature on the LCD.
  NOTE: The switch is at **DOWN** position.

  DOING A MEASUREMENT
  1. Press and release the ON/OFF button to turn on the device.
  2. The device will be ready for measuring.
  3. Press and release the ON/OFF button then read the temperature; after two beeps, it is ready for next measurements. measurements.
- 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.
   The backlight will light up in accordance with the temperature, shown as below.

11040	9 ( . )	r todding ( O)	
T ≤ 9	8.8	T ≤ 37.1	Green Backlight
99.0	≤ T ≤ 99.4	37.2 ≤ T ≤ 37.4	Yellow Backlight
99.5	≤T	37.5 ≤ T	Red Backlight

## BLUETOOTH

#### Before Using

Install OUcare APP from Google play or App Store successfully. OUcare not only collect temperatures but also can do setting to device, graph for checking temperature's trend easily.

2. Press to turn on Bluetooth.







0.787incl 

0.787inch (2cm)

NOTE: Before using this product, recommended to do setting from OUcare APP to device

Auto Set and Recall Memory

1. When the device is off or in clock mode, remove the battery cover



3. When the bluetooth connection is paired, LCD shows because on operation for device 

Manual Set

1. Press to modify these setting, shows as figure2 again. 2. Press to set these setting into the device, once set succesfully, device shows beep. 3. Per above, device shows these setting. 2020 -> 1028 -> 1608



NOTE: Date, time format is in accordance with mobile device.

NOTE: REMINDER is the alarm clock.

NOTE: When the clock alarms, press ON/OFF button to turn off it.

NOTE: Select "CLEAR DATA" will delete all memory of the device, please double confirm before this operation.



## CLEAN & DISINFECTION

 $\hat{\triangle}$  Do not submerse or expose the device to water. **The unit is not water proof.**  $\hat{\triangle}$  Do not use corrosive detergent to clean the device. Clean and disinfect the thermometer before and after use.

- Please use a cotton swab or pad moistened with 70~75% isopropyl (rubbing) alcohol to wipe the probe and device with care, and allow it to fully dry for at least 5 minutes.
   Use a cloth dampened with water or neutral detergent to clean and dry the device.
   Do not use thinner, benzene, and other harsh cleaners for cleaning the device.
   Do not immerse the unit in water or liquid of any kind. The unit is not water proof.

## **CARE & STORAGE**

- Do not drop or crush the device. It is not shock proof.
   Do not dismantle or modify the device other than changing the batteries.
   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.**

# PRODUCT SPECIFICATION

Wedsuring Oiles	r orenead, Object
Measuring Distance	Around 0.787inch(2 cm)
Measuring Time	1 second
Measuring Range	Forehead : 71.6°F ~109.9°F(22.0°C ~ 43.3°C) Object : 32°F ~212°F (0°C ~ 100°C)
Accuracy	Forehead: $95.9 \sim 107.6^{\circ}F : \pm 0.4^{\circ}F$ , Other : $\pm 0.5^{\circ}F$ ( $35.5 \sim 42.0^{\circ}C : \pm 0.2^{\circ}C$ , Other : $\pm 0.3^{\circ}C$ )
Resolution	0.1°F(0.1°C)
Measuring Unit	°F(°C)
Memory Sets	9 sets
Bluetooth Working Area	275 inch (7 m) without barrier
Operating Condition	60.8~104.0°F(16.0~40.0°C), R.H. of 15~95% non-condensing
Storage Condition	-4.0~122.0°F(-20.0~50.0°C),R.H. of 15~95% non-condensing
Battery	AAA battery x 2
Battery Life	More than 45000 measurements (exclude Bluetooth transmission
Auto Shut Off	After 10 seconds of inactivity
Dimension	Approx. 1.63 x 1.73 x 4.88 inch (41.4 x 44 x 124 mm)
Weight	Approx. 88g including batteries
Warranty	1 year
Certification	ISO 13485

## Compliance **TROUBLESHOOTING**

Higher than measuring range. Lower than measuring range.

Erl

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.

Err

self-diagonostic error

Low battery indication, please replace batteries

ASTM E1965-98

## FCC STATEMENT

his 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.

NOTE: 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 narmul interreroce in a residential installation. I his 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 of the fellow.

- which can be determined by fulling the equipment of and on, the user is encouraged to by to correct this interference by one or more 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.

# LIMITED WARRANTY

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

Warranty exclusions: If user does not properly operate the device according to the instructions as described in this manual. If the device shows signs of tampering or attempted modification.

If the device shows signs of tampering or attempted modification.

Improper handling, such as dropping, liquid or cleaner damage.

Natural disasters (such as fire, flood, earthquake, thunder strike).

If you do not have a receipt or proof of purchase showing date of purchase.

If the thermometer does not function properly, please contact 180 Innovations at www.180innovations.com or call customer service at 1-877-299-6700. Our representative will provide further instruction on how to correct the trouble or will ask you to return it for repair or replacement.

## LOT NUMBER INFORMATION

LOT NO. (YYMM) on the device label means the year and month of manufacturing. For example, "2101" means the device was manufactured in January, 2021.

Thank you for purchacing a 180 INNOVATIONS product. Distributed by: 180 INNOVATIONS DENVER, CO 80204 Distributed by: 180 INNOVATIONS DELIVING Manufactured by: K-Jump Health Co LTD

www.180innovations.com

REV.20210125 PN.8283600010