



TOUCH FREE Infrared Thermometer

Model: MBP75SN

INSTRUCTION MANUAL

Please read this instruction manual carefully
before using your forehead thermometer

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Introduction

Utilizing infrared technology, this thermometer takes temperatures in seconds by measuring heat generated by the surface skin of the forehead or other objects. This product conforms to the provisions of the EC directive MDD(93/42/EEC). Its advantages include:

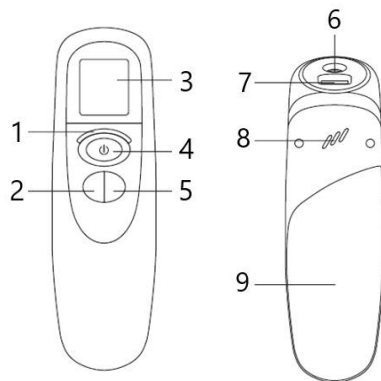
1. 6 in 1 functions
Human Body/Object/Night Mode Option/Fever Alarm/ 30 User Memory/Backlight
2. Night Mode Option
Switch to Night mode to reduce the interference of buzzer during your baby sleeping.
3. LED Light for Fever Alarm
This device has the LED light to remind user their readings are over 37.5°C and plus the beep sound only in Human Body Mode.
4. 30 User Memory
5. Illuminated Backlight Display
6. One-second Reading
7. Auto power off for power saving
8. Low-battery Indicator
Indications for battery condition and measuring range.
9. Large LCD Display
10. Economic design and convenience:
This is a “Non-contact” medical thermometer that enables temperature readings, designed for sanitary conditions, cleanliness, and convenience. Simply move the thermometer close to the subject's forehead or object at the distance indicated by the device.
11. Instant Measurement
By using our unique technology, users can get their precise body temperature instantly and accurate.
12. Bluetooth function.

Important Information Before Use

When using this product, please be sure to follow all the notes listed below. Any action against these notices may cause injury or affect the accuracy.

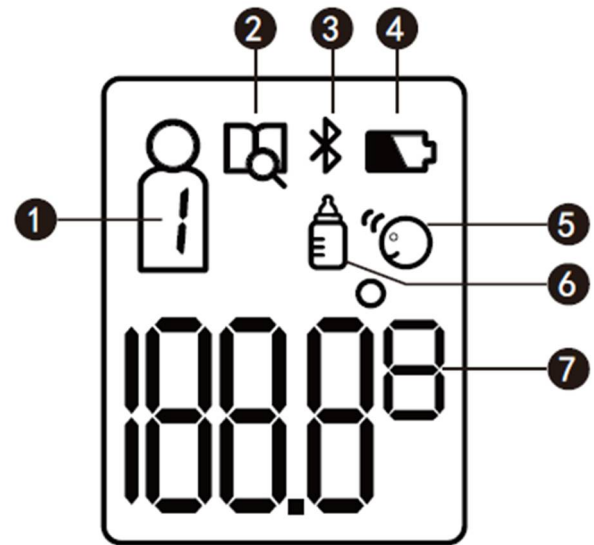
1. Do not disassemble, repair, or remodel the thermometer.
2. Be sure to clean the thermometer lens each time after usage.
3. Avoid direct finger contact with the lens.
4. No modification of this equipment is allowed.
5. It is recommended that user may take 3 temperatures. If they are different, use the highest reading.
6. Do not expose the thermometer to extreme temperature, very high humidity, or direct sunlight.
7. Avoid extreme shock or dropping the device.
8. Before the measurement, patients and thermometer should stay in steady state room condition for at least 30 minutes.
9. Avoid measuring temperature in 30 minutes after exercise, bathing, or returning from outdoor.
10. To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations.
11. Please use the thermometer solely for its intended purpose.
12. There are no absolute body temperature standards. Keep reliable records of your personal temperature to serve as a reference for judging a fever.
13. Under any circumstances, the temperature taking result is ONLY for reference. Before taking any medical action, please consult your physician.
14. It is recommended calibrate the device every 1 year.

Product Identification



- 1 LED Light
- 2 Human/Object Button
- 3 LCD Display
- 4 Power/Measure Button
- 5 Memory Button
- 6 Infrared Sensor
- 7 Distant Sensor
- 8 Buzzer
- 9 Battery Compartment Lid

Description of LCD Display



- 1 4 user profiles
- 2 Memory symbol
- 3 Bluetooth symbol (lights up when thermometer is connected to the smartphone)
- 4 Low battery symbol
- 5 "Forehead temperature" symbol
- 6 "Object/Liquid temperature" symbol
- 7 Temperature display (°C/°F)

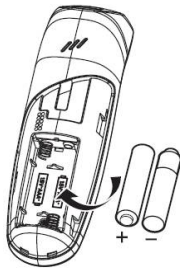
Battery Installation

Low battery warning:

When the battery power becomes low, the low battery symbol will appear on the display. The thermometer can still be used during this time, but the batteries should be replaced as soon as possible. If the batteries run out completely, “Lo” will be displayed along with the low battery symbol. In this case, the batteries will need to be replaced before using the thermometer again.

Replacing the Battery:

1. Gently slide the battery cover back.
2. Carefully remove the old batteries and properly discard.
3. Insert new batteries (Two 1.5V alkaline AAA(LR03) Size) according to the proper polarity.
4. Slide the battery cover back on.



NOTE: Battery-operated

1. Please properly dispose of the batteries away from small children and heat.
2. It is recommended to remove the batteries if the unit will not be used for an extended period of time.
3. Batteries must be disposed of in accordance with local environmental and institutional policies.
4. Dispose of used batteries in accordance with the applicable legal regulations. Never dispose of batteries in the normal household waste.

System Requirement

Smartphones/Tablets: Android™ and iOS® only.

System Requirements: iOS® 8.0, Android™ 4.2 or above

For more information, please visit:

<https://hubbleconnected.com/requirements>

Pairing the Thermometer to Your Mobile Device

Download the “Hubble Connect for Smart Nursery” app

1. Go to the Google Play™ Store to search for Hubble Connect for Smart Nursery.
2. Download the Hubble Connect for Smart Nursery app and install it on your Android™ device or



1. Go to the App Store to search for Hubble Connect for Smart Nursery.
2. Download the Hubble Connect for Smart Nursery app and install it on your iPhone®/iPad®.



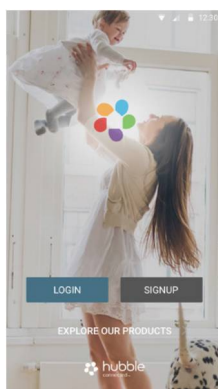
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Note: If you already have a Smart Nursery App account, please tap LOGIN, enter your account information and proceed to the next steps.

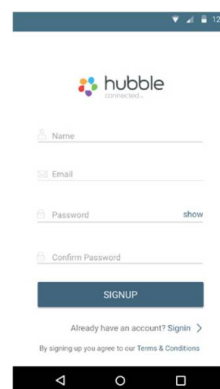
Launch the set-up wizard and follow the steps to create a user profile and add the thermometer.

Make sure that the Smart Nursery app is active and that Bluetooth on your mobile device is activated when pairing is in progress.

Run the Hubble Connect for Smart Nursery app, tap SIGNUP and follow the in-app instructions to create your Smart Nursery Account. By signing up, you agree to our Terms & Conditions. (Pictures A1 & A2)



A1



A2

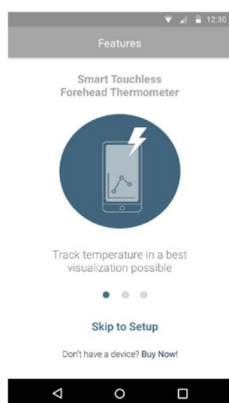
Note: If you already have a Smart Nursery app account, please tap LOGIN, enter your account information and proceed to the next steps.

Tap on the Smart Touchless Forehead Thermometer to enter thermometer set-up mode. (Picture A3)



A3

Tap Skip to set-up or scroll to review features. (Picture A4)



A4

Follow "Step 1". Make sure that your thermometer is switched on then press Next. (Picture A5)



A5

Follow "Step 2". Pair the thermometer with your mobile device via Bluetooth. (Picture A6)



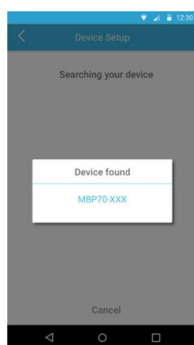
A6

Searching for your device (Picture A7)



A7

Found your device. Please press on "MBP70-XXX". (Picture A8)



A8

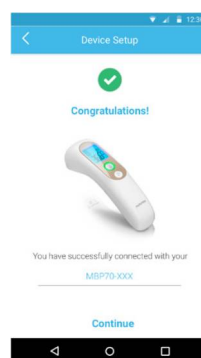
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Pairing the thermometer with your smart device. (Picture A9)



A9

You have now successfully paired the thermometer with your smart device. Tap "Continue" (Picture A10)



A10

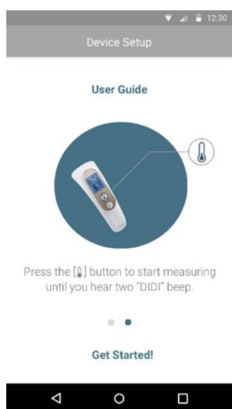
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User guide screen. (Picture A11)



A11

You can now start using the thermometer. (Picture A12)



A12

Note: Your personal health data can only be transmitted when the app is on. The thermometer switches off automatically after 60 seconds of non-use.

Overview of Hubble App

Overview of the Hubble App

P1 Profile 1 P2 Profile 2 P3 Profile 3 P4 Profile 4	Total of 4 profiles	To create and add the profile
Online	Online	Indicates that the thermometer is connected to the smartphone.
Offline	Offline	Indicates that the thermometer is not connected to the smartphone.
5 New Readings	Number of readings	Indicates the numbers of temperature readings taken
Schedule manager	Schedule Manager	Calendar to manage doctor appointments, reminders and prescriptions.
Readings Log	Reading Log	Can view saved readings: As Numbers As Graphics
°C °F	Celsius (°C) and Fahrenheit (°F)	Celsius (°C) and Fahrenheit (°F) switchable

Switching between 4 Kinds of Measuring Mode

1. Under power on status, you can press the Human/Object Button to switch different measuring mode. There are 4 kinds of mode which including Human, Object, Human/Night, and Object/Night Mode (in order).
2. The beep sounds will be off (mute) when your choice in Human/Night Mode, and Object/Night Mode, and the Moon symbol will appears on the LCD in both Night Modes.

NOTE:

Each press will comes with a beep sound to ensure the setting is activated. (Except both Night Modes)

Tips for Measuring Human Temperature

Bear in mind that the thermometer needs to have been in the room in which the measurement is taken for at least 30 minutes before use.

NOTE:

- Attempting to take temperature readings from sites on the body other than the forehead may produce inaccurate results.
- The patient should remain still while the reading is being taken.
- Readings taken while asleep should not be compared directly to readings taken while awake, as body temperature while asleep is typically lower.
- Do not take body temperature readings within 30 minutes of being outdoors, exercising or bathing.

Measuring Human Temperature

Taking a Measurement

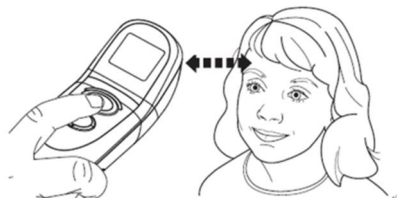
1. Press the Measure button to power on the thermometer.
The unit will run a self-test and the LCD will briefly display all of its symbols during this time. When the device is ready, '00' will appear on the screen, and the thermometer will beep twice.
2. Select the desired mode by pressing and releasing the Human/Object button.

Note:

- When taking a patient's temperature, ensure that the thermometer is in Human mode; the Human symbol "👤" will appear on the display.
- If the patient's skin is covered with hair, sweat, or dirt, clean the area and wait 10 minutes before taking a measurement.
- Ensure that the thermometer is held firmly during measurement and that the patient does not move until the measurement is complete. Movement can impact the measurement.

Measuring Human Temperature

3. Position the thermometer around 0.5-3cm from the center of the patient's forehead with the sensor aimed between the eyebrows.



4. Press and release the Measure button.
5. Slowly move the device toward or farther from the forehead until you have reached the correct distance. (If the distance is beyond the correct distance, the dash-icon on the display flashes with beep sound in this sequence until the correct distance is achieved.)

Note:

When the user presses the measure button, this workflow begins and they have 20 seconds to capture the temperature. After 20 seconds, the display turns to stand-by mode.

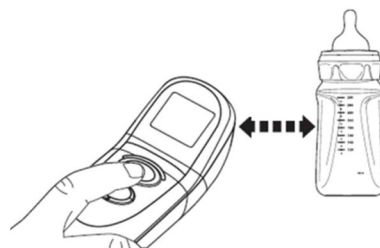
6. As you hear a short beep means this temperature reading has been completed and accompany with a back-light.
7. If the temperature measurement is below 37.5°C, a "Smiling Face" will appear next to the reading. If the reading is 37.5°C or above, a "Frowning Face" will display and the orange LED will light up.
8. After about 30 seconds after use, the thermometer will automatically beep and shut off.

Fever Alarm:

Only in Human Mode and Human/Night Mode

Measuring Object/Liquid Temperature

1. Press the "Measure Button" to turn the thermometer on. All symbols on the display will momentarily appear.
2. Ensure that the thermometer is in Object Mode; the Object symbol will be on the display. To alternate between modes press and release the Human/Object Mode Button until you see the desired measurement symbol on the display.
3. Position the thermometer around 0.5-3cm from the object.



4. Press and release the "Power & Measure button" and the temperature reading will be displayed.
5. After about 30 seconds after use, the thermometer will automatically beep and shut off.

Memory Function

Memory Recall:

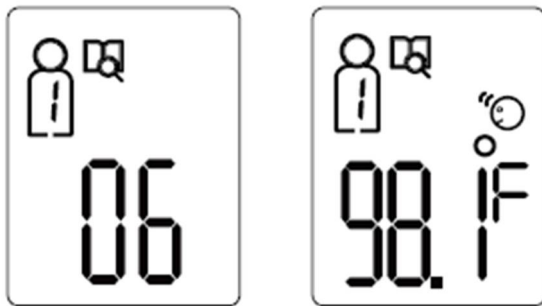
There is a total of 4 users; each user can store 50 sets of memory data for recording forehead temperature measurements.

The current measurement is always stored in the last storage space. When all storage spaces have been occupied, the earliest measurement is always deleted from the memory.

Press the Memory Button button to check the memory data.

The LCD screen displays memory number and measured temperature. Press the Memory Button button repeatedly to go to the desired memory number.

Press Measure and Memory Button at the same time to return to standby mode.



Note:

All the readings will be cleared no matter record in Human mode or Object mode.

Selecting the User Profile (4 Profiles)

Press and hold Memory Button for 2 seconds to select the desired user profile. Please repeat the procedure until you have selected the desired user.

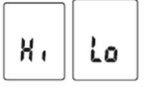
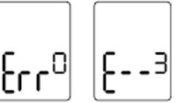
Cleaning and Disinfecting

For home use device disinfection, 70% Ethanol or Isopropyl alcohol(available in the pharmacy) can be used.

- Clean the measuring sensor after each use. Use a clean cloth or cotton bud that can be moistened with 70 % alcohol.
- To clean the entire device, please use a soft cloth slightly moistened with a mild soapy solution. Under no circumstances may liquid enter the device. Do not use the device again until it is completely dry.

Error Codes

When a malfunction or incorrect temperature measurement occurs, an error message will appear as described below.

LCD Display	Cause	Solution
	The temperature measured is higher than 1. Human mode: Higher than 43°C or lower than 34°C 2. Object mode: Higher than 99.9°C or lower than 0.1°C	Follow user manual for proper measurement
	Hardware problem	Contact customer service or your local store
	The operating temperature is not in the range 15°C~40°C	Operate the thermometer only between the specified temperature ranges.

Note.

If there is any other problem, please consult or return the device to your distributor. Do not try to repair a defective device.

Operating the Bluetooth function

- Measuring range :
Human Body : 34°C~43°C
Object : 0.1°C~99.9°C
- Calibration Accuracy:
Human Body :
±0.2°C: from 34 to 43 °C
Object: < 40°C ± 2°C; >= 40°C ± 5%
- Display resolution : 0.1°C
- Measuring site: Forehead
- Reference body site: Ear
- Operating environment : 15°C~40°C
with relative humidity up to 95% (non condensing)
- Storage/ Transportation environment: -25 to 55 °C
with relative humidity up to 95% (non condensing)
- Power supply : 2 x 1.5V AAA(LR06) size alkaline batteries
- Weight : approx. 80g (with batteries)
- Dimensions : approx. 147.3x44.7x48.46mm (LxWxH)
- Operation Distance : 0.5-3 cm

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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 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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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.

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

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

Canada, Industry Canada (IC) Notices

This device complies with Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Cet appareil est conforme avec Industrie Canada exemptes de licence RSS standard(s).

Son fonctionnement est soumis aux deux conditions suivantes :

- (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized. This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when operated in portable exposure conditions.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce dispositif a été évalué pour et démontré conforme à la Taux IC d'absorption spécifique ("SAR") des limites lorsqu'il est utilisé dans des conditions d'exposition portatifs.



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