



motorola



# USER'S GUIDE

CARE

3-in-1 non-contact baby thermometer

Model: MBP66N

*The features described in this User's Guide are subject to modifications without prior notice.*

# Welcome...

## *to your new Motorola CARE 3-in-1 non-contact baby thermometer!*

The thermometer has been carefully developed to make accurate, safe, fast and contact-free human body temperature measurements at a distance of 3cm (or 1 inch) on the forehead and object temperature measurements.

The reference body site is “core” and the mode of operation is “adjusted mode”. The device is a non-sterile, reusable clinical thermometer intended for the intermittent determination of human body temperature in “Non-Contact” mode, using the center of the forehead as the measurement site for people of all ages. The operator can measure and change battery under normal circumstances and maintain the device and its accessories in accordance with the user manual. Operators can take others’ as well as their own temperature.

Please keep your original dated sales receipt for your records. For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage. For product-related questions, please call:

**Live Chat:** [motorolastore.support/en](https://motorolastore.support/en)

**E-mail:** [support@motorolastore.com](mailto:support@motorolastore.com)

**On the Web:** [www.motorolastore.com/support](http://www.motorolastore.com/support)

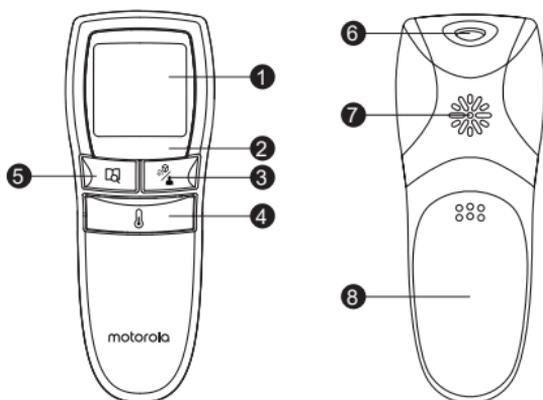
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This User’s Guide has all the information you need to make the most out of your product. Please read this instruction manual carefully before using your forehead thermometer.

### **Inside the Box**

- 1 x Non-Contact Baby Thermometer
- 2 x 1.5V AAA size alkaline batteries
- 1 x Quick Start Guide

# Overview of the Thermometer



1. LCD Display
2. LED Light
3. Forehead/Object Button
4. Power and Measure Button
5. Memory Button
6. Infrared Sensor
7. Buzzer
8. Battery Cover

## Description of LCD Display

	Digital readout
	Measuring in process
	Silent Mode
	Forehead Mode
	Object (Liquid or Food) Mode
	Celsius
	Fahrenheit
	Low battery indicator
	Smiley face (measurement is lower than 38°C/ 100.4°F)
	Frowning face (measurement equals to or is higher than 38°C/ 100.4°F)
	Memory Symbol and sets of records

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## **1. IMPORTANT SAFETY INFORMATION**

To obtain an accurate measurement, please read this manual carefully prior to use.

- Use of this thermometer is not intended as a substitute for consultation with your physician.
- Measurement results are for reference only. Contact your physician if you experience or suspect any health concerns.
- The infrared sensor must be completely clean, dry and undamaged to ensure accurate measurements.
- Do not touch or blow on the infrared sensor. A dirty infrared sensor may produce inaccurate readings.
- If the temperature of the storage area differs greatly from that of the measuring area, please wait until the thermometer temperature has equalised to the room temperature, about 30 minutes, prior to use.
- Keep the device out of the reach of children and pets to avoid inhalation or swallowing of small parts. Children may not be able to use the device in accordance with the instructions. Do not allow children to take their temperatures unattended. This device must be used in accordance with the user manual and is not a toy.
- Do not dispose of disposable batteries by fire. Doing so may cause batteries to explode.
- Do not store the thermometer under extreme temperature (below  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  or over  $55^{\circ}\text{C}/131^{\circ}\text{F}$ ) or extreme humidity conditions (below 15% RH or over 90% RH). Failure to store device under proper conditions may cause inaccurate readings.
- Do not use the thermometer if the device is damaged (for example, if the infrared sensor is broken). Continued use of a damaged unit may cause injury, inaccurate results or serious hazard.
- Do not disassemble, repair or change any parts of the unit.
- If your thermometer will not be used for a long time, remove battery to prevent possible damage caused by chemical leakage.
- If the battery is leaking, remove it carefully. Do not allow the leaking fluid to touch your bare skin.

- Use of this product requires special precautions regarding electromagnetic compatibility (EMC). It must be installed and put into service in accordance with the EMC information provided. This unit can be affected by portable and mobile RF communications equipment.
- During use, the operator shall prevent simultaneous contact between the battery and the patient.
- All materials (e.g. ABS) intended to come into contact with patients have passed the ISO 10993-5 and ISO 10993-10 standards test, whereby they are non-toxic and non-allergenic, and do not produce irritation reactions. However, the state of current scientific knowledge and technology being incomplete, other potential allergic reactions may not yet be known. Should you have an allergic reaction, please stop using the product immediately and consult your physician.
- Store the thermometer in a dry, clean place. Do not expose the product to chemical solvents, lint, dust, direct sunshine or high temperature.
- Do not maintain or service the device while it is in use.
- Should you experience any problems with this device (e.g. set-up, maintenance or use), please contact Motorola customer service or your local retailer.
- Should any unexpected operations or events occur, please report them to the manufacturer.

**Caution:**

This device should not be used adjacent to or stacked with other equipment. Should adjacent or stacked use be necessary, this device should be observed to ensure normal operation in the configuration in which it will be used.

## 2. ***BODY TEMPERATURE***

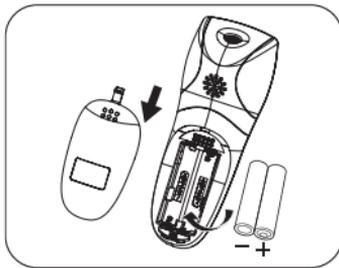
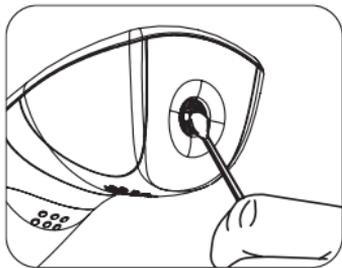
### ***Influences on body temperature***

- A person's individual metabolism
- Age  
Body temperature is higher in babies and toddlers than in adults. Greater temperature fluctuations occur faster and more often in children. Normal body temperature decreases with age.
- Clothing
- Outside temperature
- Time of day  
Body temperature is lower in the morning and increases throughout the day towards evening.
- Activities  
Physical and, to a lesser extent, mental activities increase body temperature.

This is why we recommend that you practice using the thermometer on yourself and family members when you are healthy. By doing so, you will know how the thermometer works and will feel more confident regarding the temperature readings you take when a family member is not feeling well.

### 3. PRIOR TO USE

- The key to obtaining accurate readings is a clean sensor. To clean the sensor, use a cotton swab slightly moistened with alcohol to gently wipe its surface, and then immediately wipe dry using a clean cotton swab. Wait at least 20 minutes to make sure that the sensor is completely dry before taking temperature.
- Skin surface lipids on the forehead may cause an inaccurate measurement, so make sure the forehead is clean. If you clean the forehead, please keep waiting a further 5 to 10 minutes before measuring.
- If the temperature of the storage area differs greatly from that of the measuring area, please wait until the thermometer temperature has equalized to the room temperature, about 30 minutes, prior to use.
- Gently slide the battery cover back and install 2 x 1.5V AAA size alkaline batteries (which can be found inside the packaging) according to the proper polarity, slide the battery cover back, press the  button to turn the thermometer on.



## 4. TEMPERATURE LED INDICATION

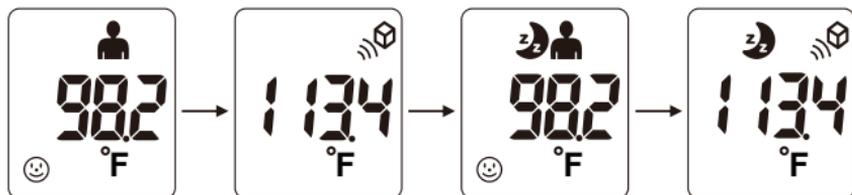
Two colors are used to provide LED indications:

Green LED: 34.0°C (93.2°F) to 37.9°C (100.3°F) = Normal Temperature

Red LED: 38.0°C (100.4°F) to 42.9°C (109.3°F) = High Temperature

## 5. MEASURING MODES

- When it is on, press the  button to switch different scan modes. There are 4 kinds of mode which including Forehead , Object , Forehead/Silent  and Object/Silent  modes.
- The device beep tone will be muted when Forehead/ Silent  or Object/ Silent  Mode is selected, the  symbol will appear on the LCD for indicating the Silent Mode is activated.



**Note:** each key press will send a key tone to confirm the setting is activated. (Except both the two Silent modes)

## 6. TEMPERATURE TAKING HINTS

1. External factors may influence forehead temperature. Specific external factors include:
  - Attempting to take temperature reading from sites on the body other than the forehead may produce inaccurate results.
  - Exposure to very hot or very cold foods.
  - Recent swimming or bathing.
  - Having their forehead covered.
  - In these cases, remove individual from the above situation or environment and have them remain in a normal room temperature environment for 30 minutes before taking a temperature.
2. In “object (liquid/food) measurement mode”, the current surface temperature of the object is displayed. This may be different from its internal temperature, especially if its surface is exposed to direct sunlight or a draft.
3. Temperature taken while asleep is lower hence should not compare directly with readings taken while awake.
4. Temperatures measured using different thermometers should never be compared to each other. Tell your doctor what type of thermometer you used to take your temperature and on which part of the body.

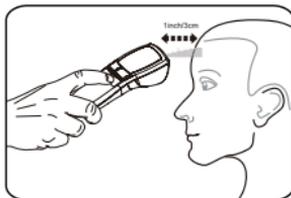
**Note:**

*Holding the thermometer for too long in the hand before taking a measurement may cause the device to warm up. This means the measurement could be incorrect.*

## 7. HOW TO MEASURE FOREHEAD TEMPERATURE

*Make sure the probe is clean before measuring.*

1. Press the  button to power on the thermometer. When the device is ready, ' - - ' will appear on the screen.
2. Ensure that the thermometer is in Forehead Mode; the Forehead symbol  will be on the display.
3. Position the thermometer about 3cm (around 1 inch) from the center of the forehead with the sensor aimed between the eyebrows.



4. Press once the  button.
5. When the measurement is completed, it will end with a confirmation tone.
6. If the temperature measurement is below 38°C/100.4°F, a  symbol will be appeared on display and the Green LED will be on. If the reading is 38°C/100.4°F or above,  symbol will be appeared on display and the Red LED will be on.
7. About 30 seconds after use, the thermometer will automatically beep and shut off.

### **High Temperature Alarm:**

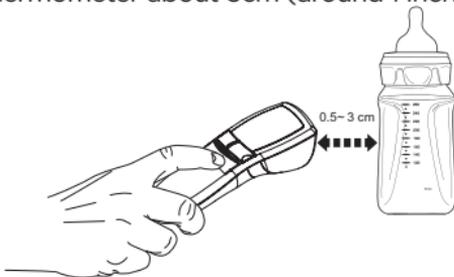
Only in Forehead  Mode and Forehead/Silent  Mode

### **Note:**

- When taking a patient's temperature, ensure that the thermometer is in Forehead Mode; the  symbol appear on the display.
- If the 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.

## 8. HOW TO MEASURE OBJECT (LIQUID/FOOD) TEMPERATURE

1. Press the  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.
3. Position the thermometer about 3cm (around 1 inch) from the object.



4. Press once the  button and the temperature reading will be displayed.
5. About 30 seconds after use, the thermometer will automatically beep and shut off.

## 9. CHECK THE MEMORY

The device stores up to 30 measurements which you can share with physician or trained healthcare professional.

1. When the device is on, press once the  button, then press again to show the last measurement.
2. The  symbol or  symbol will appear together with each measurement for representing body or object temperature reading.
3. Press each to proceed to next reading.
4. To clear all the memory, press and hold  button for more than 3 seconds until you see “- -” on display and hear the beep.

**Note:** Both Forehead or Object records will all be cleared.

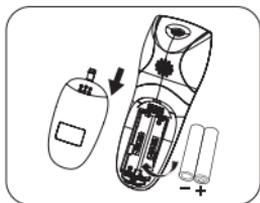
## 10. REPLACING THE BATTERY

### *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 (2 x 1.5V AAA size alkaline batteries) according to the proper polarity.
4. Slide the battery cover back on.



### **Note:**

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. For long durations of non-operation, please remove all batteries from the device.
4. Batteries must be disposed of in accordance with local environmental and institutional policies.
5. Dispose of used batteries in accordance with the applicable legal regulations. Never dispose of batteries in the normal household waste.

## 11. CELSIUS/FAHRENHEIT OPTION

In standby mode, you can switch between Celsius (°C) and Fahrenheit (°F) by pressing and holding the Forehead/Object  and Memory  buttons at the same time.

## **12. CARE AND CLEANING**

To ensure accurate measurements, it is very important to keep the infrared sensor clean and free of scratches. Fingerprints and dirt will affect the accuracy of the thermometer. In order to get an accurate measurement, please clean the infrared sensor. Gently wipe its surface with a cotton swab slightly moistened with alcohol and immediately wipe dry with a clean cotton swab.

Use a soft dry cloth to clean the body of the thermometer. Never clean the thermometer using an abrasive cleanser, thinner or benzene, nor immerse the thermometer in water or other liquids. After cleaning, place the thermometer in its protective case. Store it in a clean, dry place at room temperature. Never expose the thermometer to extreme temperatures, humidity, direct sunlight or shock.

- Clean the measuring sensor after each use. Use a clean cloth or cotton bud that can be moistened with 75% 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.

## **13. CLINICAL ACCURACY VALIDATION METHOD**

This device is an adjusted mode clinical thermometer the validated information for clinical accuracy in each adjusted mode are:

GroupA1:  $\Delta_{cb} = -0.01^{\circ}\text{C}$ ,  $L_A = 0.18$ ,  $\sigma_r = \pm 0.08^{\circ}\text{C}$

GroupA2:  $\Delta_{cb} = 0.06^{\circ}\text{C}$ ,  $L_A = 0.22$ ,  $\sigma_r = \pm 0.08^{\circ}\text{C}$

GroupB :  $\Delta_{cb} = -0.01^{\circ}\text{C}$ ,  $L_A = 0.20$ ,  $\sigma_r = \pm 0.07^{\circ}\text{C}$

GroupC :  $\Delta_{cb} = -0.01^{\circ}\text{C}$ ,  $L_A = 0.18$ ,  $\sigma_r = \pm 0.07^{\circ}\text{C}$

$\Delta_{cb}$  : CLINICAL BIAS

$L_A$  : LIMITS OF AGREEMENT

$\sigma_r$  : CLINICAL REPEATABILITY

## 14. TROUBLESHOOTING

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

LCD Display	Display	Solution
Hi	The temperature measured is higher than 1. Forehead thermometer mode: 43°C (109.4°F) 2. Object temperature mode: 100°C (212.0°F)	Operate the thermometer only between the specified temperature ranges. If necessary, clean the sensor tip. In the event of a repeated error message, contact your retailer or Customer Services.
Lo	The temperature measured is lower than 34°C (93.2°F)	
Err	The operating temperature is not in the range 16°C-40°C (60.8°F-104°F)	Operate the thermometer only between the specified temperature ranges.

Problem Category	Problem Description/ Error	Solution
Inaccurate measurement or where there is any doubt regarding the measured reading.	Please check whether the infrared sensor is clean.	Clean the infrared sensor with a cotton swab in accordance with the user manual.
	Please check if the proper measurement method was used.	Ensure that you have read the manual and know how to use the thermometer properly.
Inaccurate measurement or where there is any doubt regarding the measured reading.	Please check if you have allowed the thermometer and patient to stabilize in the room for at least 30 minutes.	Please keep the thermometer and patient in the measuring room at least 30 minutes prior to use.
	Are you using the thermometer indoors?	Please ensure that you take temperature indoors.
	Please check if you have held the thermometer in your hand for too long, thus affecting its accuracy.	Put the thermometer on a table in the room where the measurement is being taken and let it cool down before using it.

## 15. EXPLANATION OF SYMBOLS

	<p>The CE marking with the Registration Number of the Notified Body. This denotes the compliance of European Medical Device Directive 93/42/EEC.</p>
	<p>Follow instructions for use.</p>
	<p>Disposal information: Should you wish to dispose of the article, do so in accordance with current regulations. Details are available from your local authority.</p>
	<p>Type of protection of applied part against electric shock, body floating.</p>
<p><b>IP22</b></p>	<p>This product meets the basic safety and essential performance requirements indicated in the IP22 conditioning test (protection against solid foreign objects of 12.5mm Ø and greater and against vertically falling water drops when enclosure tilted up to 15°).</p>
	<p>Temperature limits.</p>
<p><b>EC</b>   <b>REP</b></p>	<p>European Authorized Representative.</p>
	<p>Manufacturer's name and address.</p>
<p><b>SN</b></p>	<p>Indicate the manufacturing date and serial number.</p>
	<p>The empty, completely flat batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.</p>
	<p>Transportation and storage temperature: from -20°C to 55°C.</p>
	<p>Transportation and storage humidity limits: from 15% to 90%.</p>
	<p>Transportation and storage atmospheric pressure limits: from 700 hPa to 1060 hPa.</p>

## 16. DISPOSAL OF THE DEVICE (ENVIRONMENT)

At the end of the product life cycle, you should not dispose of this product with normal household waste. Take this product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this obligation.



By taking end-of-life products to a recycling point, you are ensuring that some of the product materials can be re-used. By reusing some parts or raw materials from used products, you make an important contribution to the protection of the environment.

Exhausted batteries do not belong with household waste. Dispose of batteries in accordance with the current federal, state and local regulations. As a consumer, you are legally obligated to return used batteries.

### **Note:**

1. *In environments where there is a high frequency of electrostatic discharge, the unit may malfunction and the user may have to reset it.*
2. *Dispose of used batteries with care; please consult retailer for details. Please contact your local authorities should you require additional information on the collection points in your area.*

## 17. IMPORTANT INFORMATION REGARDING ELECTROMAGNETIC COMPATIBILITY(EMC)

The thermometer is intended for use in the electromagnetic environment specified below. The customer or user of this thermometer should ensure that it is used in such an environment.

Guidance and manufacturer's declaration - Electromagnetic emissions.

Phenomenon	Professional healthcare facility environment a)	HOME HEALTHCARE ENVIRONMENT a)
Conducted and radiated RF EMISSIONS	a)	CISPR 11 Group 1 Class B
Harmonic distortion	Not applicable	
Voltage fluctuations and flickering	Not applicable	

a) The equipment is suitable for use in Home Health Environments and Professional Health Care Environments limited to patient rooms and respiratory treatment facilities in hospital or clinics. The more restrictive acceptance limits of Group 1 Class B (CISPR 11) have been considered and applied. The equipment is suitable for use in the mentioned environments when directly connected to the Public Mains Network.

b) The test is not applicable in this environment unless the ME EQUIPMENT and ME SYSTEM used will be connected to the PUBLIC MAINS NETWORK and the power input is otherwise within the scope of the Basic EMC standard.

Guidance and manufacturer's declaration - Electromagnetic immunity - Enclosure port.

Phenomenon	Basic EMC standard or test method	Immunity test levels	
		Professional healthcare facility environment	HOME HEALTHCARE ENVIRONMENT
ELECTROSTATIC DISCHARGE	IEC 61000-4-3	± 8kV contact ± 2 kV, ±4kV ±, ±8 kV, ±15 kV air	
Radiated RF EM fields	IEC 61000-4-3	a)	10 V/m b) 80MHz - 2.7 GHz 80% AM at 1kHz
Proximity fields from RF wireless communications equipment	IEC 61000-4-3	<p>COMPLIANT</p> <p>NOTE: Further information about distances to be maintained between portable and mobile RF communications equipment (transmitters) and the Motorola MBP66N can be requested from AViTA using the contact information provided in this manual. However, it is advisable to keep the electromechanical aerosol equipment at an adequate distance of, at least, 0.5 m from mobile phones or other RF communications transmitters to minimise possible interference.</p>	
RATED power frequency magnetic fields	IEC 61000-4-8	30 A/m c) 50 Hz or 60 Hz	
<p>a) The equipment is suitable for use in Home Health Environments and Professional Health Care Environments limited to patient rooms and respiratory treatment facilities in hospital or clinics. The more restrictive IMMUNITY acceptance limits have been considered and applied.</p> <p>b) Before modulation is applied.</p> <p>c) This test level assumes a minimum distance of at least 15cm between the ME EQUIPMENT or ME SYSTEM and sources of power frequency magnetic fields.</p>			

## **18. GENERAL INFORMATIONS**

**If your product is not working properly....**

1. Read this User's Guide.
2. Visit our website: [www.motorolastore.com/support](http://www.motorolastore.com/support)
3. Contact Customer Service at  
Live Chat: [motorolastore.support/en](http://motorolastore.support/en)  
Email: [support@motorolastore.com](mailto:support@motorolastore.com)

### ***Consumer Products and Accessories Limited Warranty ("Warranty")***

Thank you for purchasing this Motorola branded product manufactured under license by Binatone Electronics International Ltd ("BINATONE").

#### ***What Does this Warranty Cover?***

Subject to the exclusions contained below, BINATONE warrants that this Motorola branded product ("Product") or certified accessory ("Accessory") sold for use with this product is manufactured to be free from defects in materials and workmanship under normal consumer usage for the period outlined below. This Warranty is your exclusive warranty and is not transferable.

#### ***Who is covered?***

This Warranty extends only to the first consumer purchaser, and is not transferable.

#### ***What will BINATONE do?***

BINATONE or its authorised distributor, at its option and within a commercially reasonable time, will at no charge repair or replace any Products or Accessories that does not conform to this Warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts.

### ***What Other Limitations Are There?***

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA OR BINATONE BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE

FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights that vary from one jurisdiction to another.

<b>Products Covered</b>	<b>Length of Coverage</b>
Consumer Products	<b>One (1) year</b> from the date of the products original purchase by the first consumer purchaser of the product.
Consumer Accessories	<b>Ninety (90) days</b> from the date of the accessories original purchase by the first consumer purchaser of the product.
Consumer Products and Accessories that are Repaired or Replaced	<b>The balance of the original warranty or for Ninety (90) days</b> from the date returned to the consumer, whichever is longer.

## ***Exclusions***

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this Warranty.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of MOTOROLA or BINATONE, are excluded from coverage.

**Use of Non-Motorola branded Products and Accessories.** Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

**Unauthorised Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than MOTOROLA, BINATONE or its authorised service centres, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) non-conforming or non-Motorola branded housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

## **How to Obtain Warranty Service or Other Information ?**

To obtain service or information, please call:

Live Chat: [motorolastore.support/en](https://motorolastore.support/en)

Email: [support@motorolastore.com](mailto:support@motorolastore.com)

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a BINATONE Authorised Repair Centre.

To obtain service, you must include: (a) the Product or Accessory; (b) the original proof of purchase (receipt) which includes the date, place and seller of the Product; (c) if a warranty card was included in your box, a completed warranty card showing the serial number of the Product; (d) a written description of the problem; and, most importantly; (e) your address and telephone number.

These terms and conditions constitute the complete warranty agreement between you and BINATONE regarding the Products or Accessories purchased by you, and supersede any prior agreement or representations, including representations made in any literature publications or promotional materials issued by BINATONE or representations made by any agent employee or staff of BINATONE, that may have been made in connection with the said purchase.

## 19. SPECIFICATIONS

Measuring range:	Forehead: 34°C-43°C (93.2 °F-109.4 °F) Object : 0°C-100°C (32.0 °F-212.0 °F)
Calibration Accuracy:	Forehead : $\pm 0.2^{\circ}\text{C}(\pm 0.4^{\circ}\text{F})$ : from 34 to 43 °C (93.2 to 109.4 °F) Object : $\leq 20^{\circ}\text{C} \pm 1^{\circ}\text{C}$ ; $>20^{\circ}\text{C} \pm 5\%$
Display resolution:	0.1°C
Measuring site:	Forehead
Operating environment:	16°C-40°C (60.8°C - 104°C) with relative humidity up to 95% (non condensing)
Storage/ transportation environment:	-20 to 55 °C(-4 to 131 °F) with relative humidity up to 95% (non condensing)
Power supply:	2 x 1.5V AAA size alkaline batteries eight : approx. 80g (with batteries)
Dimensions:	approx. 128.5mm×48.83mm×38.85mm (L×W×H)
Operation Distance:	3cm (or 1 inch)



Manufacture:  
 AViTA Corporation  
 9F., No. 78, Sec. 1, Kwang-Fu Rd., San-Chung Dist., New Taipei City, Taiwan  
 Made in P.R.C  
 MDSS GmbH  
 Schiffgraben 41  
 30175 Hannover Germany

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