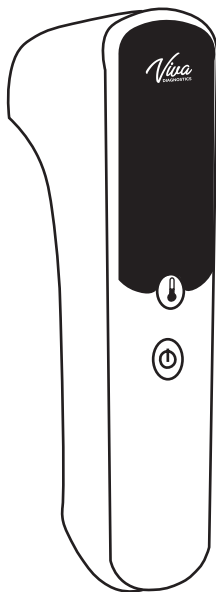




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INFRARED THERMOMETER FOR VIVA DIAGNOSTICS SPOT VITAL SIGN PATIENT MONITOR

.....



USER GUIDE
ADIME913-T



Thank you for your purchase.



**Viva Diagnostics maintains
a strong practice of ongoing
development of products and
commercial research.**



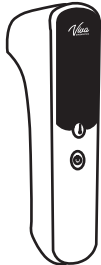
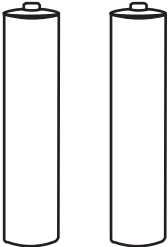
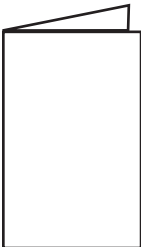
**We recognize that starting and maintaining a medical
practice is expensive. We'll help make the process cost-
effective and elegant. Additionally, our team of specialists
will ensure everything you need works as efficiently as
possible, so you can effectively treat your clients.**

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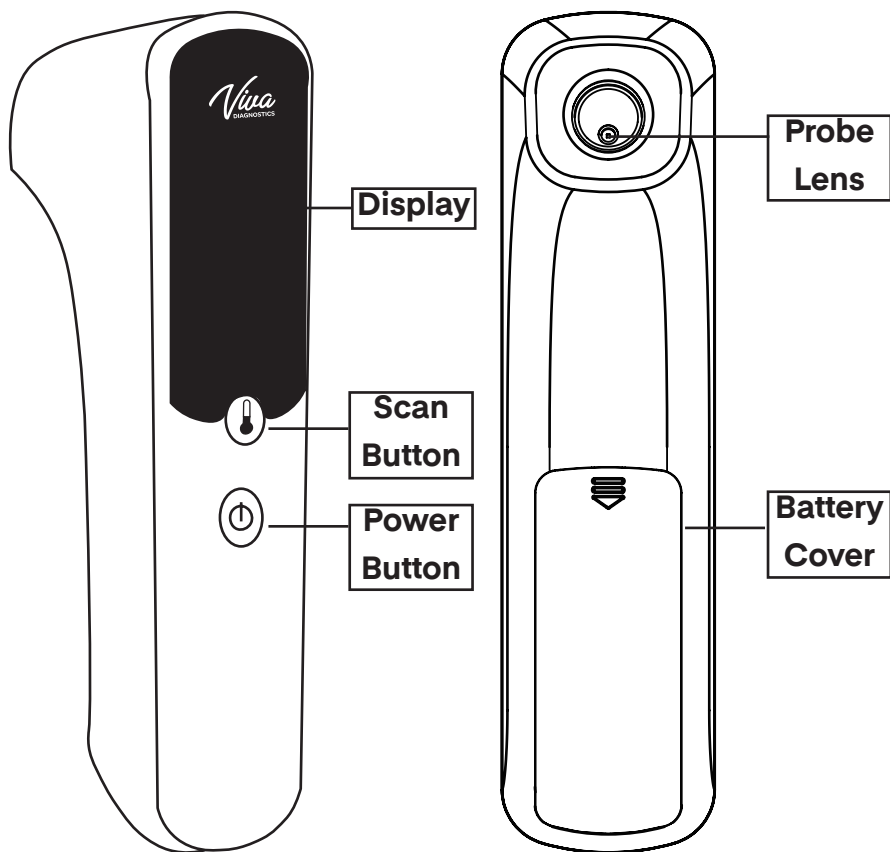
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What's In The Box:

The Infrared Thermometer box includes the thermometer, two AAA batteries, and our User Guide.

A  <p>Infrared Thermometer</p>	B  <p>AAA Batteries (x2)</p>
C  <p>User Guide</p>	

Appearance:



Intended Use:

The Infrared Thermometer is a reusable thermometer intended for the intermittent determination of human body temperature in a no-touch mode using the center of the forehead as the measurement site for people of all ages. Consumers can use it in the household environment and by healthcare providers.

Safety Information:

1. Use of this thermometer is not intended as a substitute for consultation with your physician.
2. Never use the thermometer for purposes other than those for which it has intended.
3. Never immerse the thermometer in water or any other liquids.
4. Never insert a sharp object into the scanner or any other opened surface on the thermometer.
5. Do not scratch the probe membrane; the thermometer will lose efficacy.
6. Do not expose the thermometer to sunlight.
7. Do not expose this thermometer to electric shock.
8. Do not use near strong electromagnetic fields, i.e., Keep it away from any radio systems and mobile phones.
9. Do not modify this device without authorization of the manufacturer.
10. Do not impact the thermometer, otherwise, it may affect the accuracy of the measurement.
11. Do not let children take their temperatures unattended.
12. This device must always be kept in a clean, dry area.

Safety Information:

(Continued)

- 13.** The device includes small parts: do not inhale or swallow it.
- 14.** Follow local ordinances and recycling instructions regarding disposal or recycling of the device and device components, including batteries.
- 15.** The thermometer must acclimate to room temperature for at least 10 minutes before measurements are taken.
- 16.** This equipment complies with IEC 60601-1-2 for electromagnetic compatibility for medical electrical equipment and/or systems. However, because of the proliferation of radio-frequency transmitting equipment and other sources of electrical noise in healthcare and different environments, high levels of such interference due to the proximity or strength of the source might disrupt the performance of this device.
- 17.** The material that comes into contact with the user's skin has passed the ISO10993-5 Tests for invitro cytotoxicity and ISO10993-10 Tests for irritation and delayed-type hypersensitivity.
- 18.** Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 12 inches (30 cm) to any part of the device, including cables specified by the manufacturer. Otherwise, the performance of this equipment could be degraded.
- 19.** The device's essential performance is to display the body temperature accurately. The reading may be inaccurate if the Essential Performance is lost or degraded due to EM disturbances; do not refer to it.

Product Features:

- 1. EASY TO USE:** Smart appearance with only two buttons.
- 2. MULTI-MODE:** The infrared thermometer is designed for all ages, adults, infants, and elders. It is compatible with humans and can take room/object temperature. The two modes are interchangeable.
- 3. IDEAL FOR BABIES:** It takes 1-second measurements with instant readings; you can take their temperature without waking them.
- 4. FEVER INDICATION:** Equipped with a fever warning system, the thermometer for the fever function will indicate temperature status with corresponding facial expressions and beeps
- 5. MEMORY FUNCTION:** It can handle 32 readings by recording them to track body temperature changes better.
- 6. HYGIENIC:** The no-touch design helps minimize the spread of germs, making it safe for use by children and adults.
- 7. AGE TEMPERATURE DISTINCTION:** Clinical research shows that the definition of fever changes as newborns grow into children and then adults. Select the appropriate age setting and take their temperature. The machine will display facial expressions and beeps.

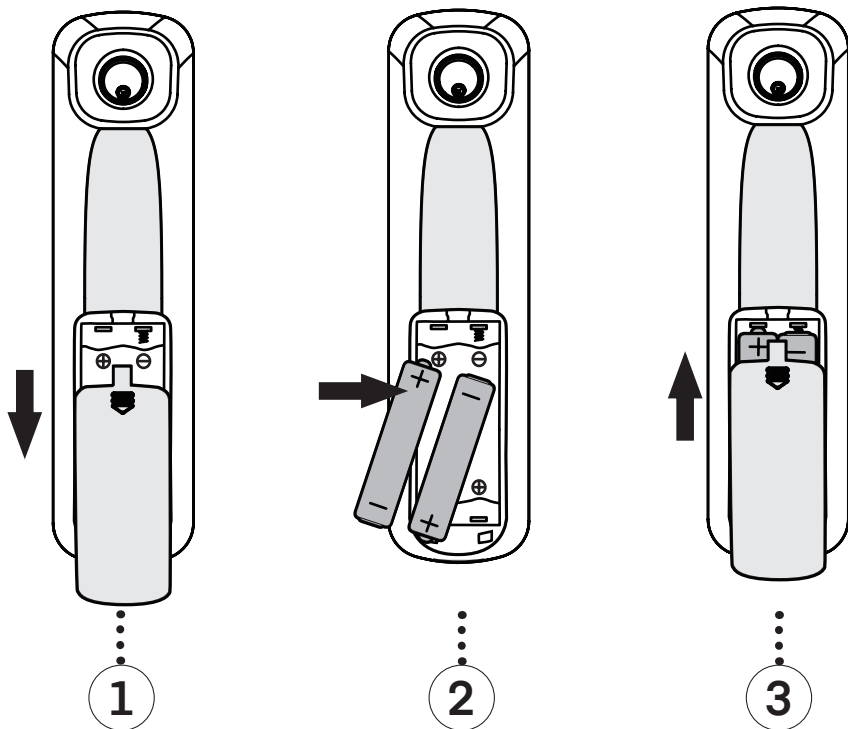
NOTES:

- Remove the batteries in the device if they are not required for an extended period to avoid leakage.
- Dispose of empty batteries at the appropriate collection sites according to national or local regulations.
- Replace the battery when the low battery indicator " " blinks is displayed, although the device can still work until the battery life has 0% left.

Battery Installation:

Step 1:

- A. To install the Batteries (B) into the thermometer, slide the battery cover off.
- B. Insert both Batteries (B), making sure to align the positive and negative sides appropriately.
 - a. Close the battery cover and begin using the Infrared Thermometer.



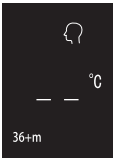




Taking Forehead Temperature:

Step 1:

- A.** Initiate the thermometer by pressing the power button. This crucial step activates the device, preparing it for forehead temperature measurement. You'll know it's ready when you hear a short beep sound and see a quick display of all icons and software version (e.g.100).

Step 2:

- A.** Place the probe precisely on or up to 0.4 inch (1cm) away from the center of the forehead, between the eyebrows. This ensures the most accurate reading. Then, press the scan button and read the result on the screen.

	=>		 : Forehead Mode  : Normal Temperature (One "Beep" Sound)  : Fever (Four "Beep" Sound) High Fever (Eight "Beep" Sound) 36+m: Default Age Range
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Age range	Normal	Fever	High fever
0-3 Months	≥35.8-≤37.4°C (≥96.4-≤99.4°F)	N/A	>37.4°C (>99.4°F)
3-36 Months	≥35.4-≤37.6°C (≥95.7-≤99.6°F)	>37.6-≤38.5°C (>99.6-≤101.3°F)	>38.5°C (>101.3°F)
36+ Months	≥35.4-≤37.7°C (≥95.7-≤99.9°F)	>37.7-≤39.4°C (>99.9-≤103.0°F)	>39.4°C (>103.0°F)

NOTES:

- Forehead mode is entered by default after you turn the power on.
- **Age Range Setting For Forehead Temperature Measuring:**
During the measurement, press and hold the scan button to toggle between three age ranges: 36+m, 0~3m and 3~36m.
- **Before Taking A Measurement, Follow These Guidelines For An Accurate and Reliable Reading:**
 1. The user should be indoors for 30 minutes.
 2. The user should not drink, eat, or be physically active before/while taking the measurement.
 3. The user's forehead should be clean without sweat, a hat, dirt, or hair.
 4. Avoid any cooling or warming cloths on the forehead for at least 30 minutes prior to measurement.
- **When Taking A Measurement:**
 1. Hold the device and forehead steady.
 2. Keep the measurement sensor and lens clean.
 3. Avoid directly touching the sensor.
 4. Do not directly contact the forehead.
 5. Always take the temperature precisely as directed.
 6. Results may vary if positioned in wrong locations.
 7. Do not take a temperature over scar tissue, open sores, or abrasions.
- When the symbol "Hi" or "Lo" appears instead of a reading, please take another measurement.
- If the temperature is in the fever range, please take three temperatures at the same location and take the highest one (wait at least 5 seconds between consecutive readings).

Powering Off:

- To turn the device off, long press the power button for 4 seconds.
- It will turn off without being touched in one minute.
- It will also turn off when the batteries expire.

Taking An Objects Temperature:

- A. Short press the power button to turn the unit on.
- B. Press the power button to switch to object mode.
- C. Position the probe to the object and press the scan button. The display will show the reading in 1 second with an audible "BEEP".



Accessing Memory:

- A. Press the power and scan buttons together; the unit will be powered on and display an "M" in the upper left corner.
- B. Short press the scan button to check records from 01 to 32.



NOTES:

- Only 32 readings can be memorized.
- When you're done, press the power button, and the device will revert to forehead mode.

Changing Temperature Modes:

- A. Press and hold the power button; the unit will be powered on and display °C and °F alternatively.
- B. Release to confirm your choice; the thermometer will instantly enter forehead mode.








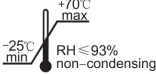

Troubleshooting:

Situation	Cause	Solution
Hi Displayed	Forehead temperature is higher than 43 °C	Re-measure the temperature
Lo Displayed	Forehead temperature is lower than 32 °C	Re-measure the temperature
Fail To Start The Unit	1. Low battery 2. Incorrect battery installation	1. Replace the battery 2. Install the batteries with correct polarity

Maintenance and Storage:

- Protect the device from mechanical shock or heavy impact
- Please do not attempt to disassemble or repair it.
- **Cleaning:**
Use an alcohol swab or cotton swab moistened with alcohol (70% medical alcohol) to clean the unit casing and the measuring probe before and after each use.
- **NOTE:** Wait 10 minutes and allow the thermometer to air-dry before taking a measurement.
- **CAUTION:** Make sure no liquid enters the interior of the unit.
- **CAUTION:** Never use abrasive cleaning agents, thinners or detergents for cleaning.
- **Storage:**
Store the thermometer in a dry location free from dust and contamination and away from direct sunlight. The ambient temperature at the storage location should remain fairly constant and within the range of -13°F to 158°F (-25°C~70°C).

Symbol Definitions:

	Follow Instructions For Use
	Manufacturer's Name and Address
	Manufacturing Date
	Attention
	WEEE Disposal
	Serial No.
IP22	Protected Against Dust and Water
	Type BF Applied Part
	Storage Temperature and Relative Humidity
°C °F	Temperature Scale
	Battery Indicator (It appears and flashes in the display only when battery is low)

Classifications:

- According to the type of protection against electric shock:
INTERNALLY POWERED EQUIPMENT
- According to the degree of protection against ingress of water:
IP22
- According to the mode of operation:
CONTINUOUS OPERATION

Specifications:

Type: No touch forehead thermometer

Model: ADIME913-T

Lifetime: 2 Years

Power Supply: 2 x AAA Batteries

Measuring Distance: $\leq 0.4''$ ($\leq 1\text{cm}$)

Measurement Range: $89.6^{\circ}\text{F} \sim 109.4^{\circ}\text{F}$ ($32^{\circ}\text{C} \sim 43^{\circ}\text{C}$)

Resolution Temperature Range: 0.1°F (0.1°C)

Laboratory Accuracy: 0.4°F for $95^{\circ}\text{F} \sim 107.6^{\circ}\text{F}$

(0.2°C for the range $35^{\circ}\text{C} \sim 42^{\circ}\text{C}$);

outside that range $\pm 0.5^{\circ}\text{F}/0.3^{\circ}\text{C}$

Operation Temperature: $59^{\circ}\text{F} \sim 104^{\circ}\text{F}$ ($15^{\circ}\text{C} \sim 40^{\circ}\text{C}$)

Storage/Transport Temperature: $-13^{\circ}\text{F} \sim 158^{\circ}\text{F}$

($-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$)

Ambient Humidity: $15\% \sim 93\%$ (non-condensing) in operation;
 93% (non-condensing) in storage/transport

Atmosphere Pressure: $70\text{kPa} \sim 106\text{kPa}$

Dimension: $6.0 \times 1.5 \times 2.0$ inches ($151 \times 38 \times 50.2$ (mm))

Weight: $72 \pm 5\text{g}$ (excluding batteries)

Bluetooth:

Frequency Band of Transmission: 2402MHz to 2480MHz

The Type of The Modulation: GFSK

The Frequency Characteristics of The Modulation: Frequency-Hopping Spread Spectrum

The Effective Radiated Power: 0dBm

FCC Declaration:

Please take attention that changes or modification not expressly approved by the party responsible for compliance 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.

Declaration:

Table 1

Guidance and Manufacturer's declaration - electromagnetic emission	
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.	
Emission test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B
Harmonic emissions IEC 61000-3-2	Not Applicable
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not Applicable

Table 2

Guidance and manufacturer's declaration - electromagnetic Immunity		
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.		
Immunity test	IEC 60601 test level	Compliance Level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air	±8 kV contact ±15 kV air
Power frequency (50/60Hz) magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz
NOTE U_T is the a.c. mains voltage prior to application of the test level.		

Declaration: (Continued)

Table 3

Guidance and manufacturer's declaration - electromagnetic Immunity		
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment		
Immunity test	IEC 60601 test level	Compliance Level
Radiated RF IEC61000-4-3	3 V/m 80 MHz – 2,7 GHz	3 V/m 80 MHz – 2,7 GHz
NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies. NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people		
a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.		
b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.		

Declaration: (Continued)

Table 4

Guidance and manufacturer's declaration - electromagnetic Immunity							
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment							
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Modulation b) (W)	Distance (m)	Immunity Test Level (V/m)
	385	380 -390	TETRA 400	Pulse modulation b) 18 Hz	1.80	,3	27
	450	380 -390	GMRS 460, FRS 460	FM c) ± 5 kHz deviation 1 kHz sine	20	,3	28
	710	704 - 787	LTE Band 13, 17	Pulse modulation b) 217 Hz	0,20	,3	9
	745						
	780						
	810	800 - 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18 Hz	20	,3	28
	870						
	930						

Declaration: (Continued)

			LTE Band 5				
	1720		GSM 1800; CDMA 1900;	Pulse modulation b) 217 Hz	20	,3	28
	1845	1 700 – 1 990	GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS				
	1970						
	2450	2 400 – 2 570	Bluetooth, WLAN, 802.11 b/g/ n, RFID 2450, LTE Band 7	Pulse modulation b) 217 Hz	20	,3	28
	5240	5 100 – 5 800	WLAN 802.11 a/n	Pulse modulation b) 217 Hz	0,20	,3	9
	5240						
	5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

Declaration: (Continued)

- a) For some services, only the uplink frequencies are included.
- b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
- c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

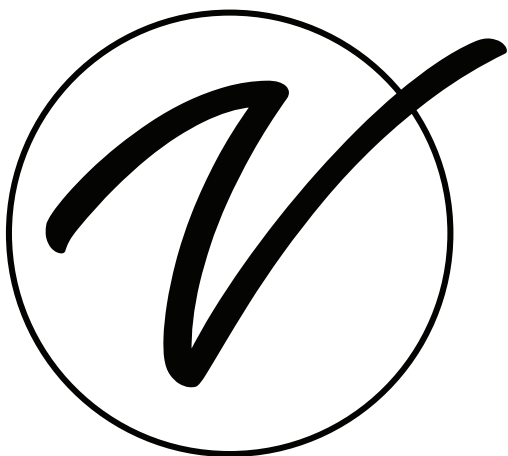
The MANUFACTURER should consider reducing the minimum separation distance, based on RISK MANAGEMENT, and using higher IMMUNITY TEST LEVELS that are appropriate for the reduced minimum separation distance. Minimum separation distances for higher IMMUNITY TEST LEVELS shall be calculated using the following equation:

$$E=6/d \sqrt{P}$$

Where P is the maximum power in W, d is the minimum separation distance in m, and E is the IMMUNITY TEST LEVEL in V/m.

Warranty

1. Viva Diagnostics(the “Company” or “Tiger Companies”) warrants to the purchaser that the product will be free from defects in workmanship and materials for a period of 2 years from the date of purchase. The warranty period is not extended if we repair, replace, exchange, or provide a refund for the product (as determined in our sole discretion). We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.
2. These warranties are not assignable or transferable to any other person, including, without limitation, any subsequent owner or other transferee of the product.
3. This Warranty does not apply to: (a) damage caused by misuse, tampering, abuse, neglect, or accident; (b) damage caused by improper installation, modification, or service; (c) alteration of the serial number; or (d) use that violates the instructions furnished by the Company will void this warranty.
4. The sole responsibility of the Company shall be limited to (a) the repair or replacement (in its sole discretion) of any component of the product which fails to conform to this; (b) a refund the purchase price of such product (in its sole discretion), at no cost to the purchaser for the period of the warranty, or (c) an exchange for a similar product, comparable in function and price.
5. Contact the Company directly at 1-(800)-805-1790 to obtain service under this warranty. If it becomes applicable to send a defective product to the Company, a Return Authorization Number must first be obtained from the Company. In order to obtain service under this warranty, purchaser may be required to provide the Company with the following items (a) proof of purchase, (b) photographs and or videos (of the damage, and (c) a written testimonial describing the defect.
6. Products shipped without prior Return Authorization and Return Authorization Number may not be accepted, and the Company will not be responsible for their disposition and/or cost of return to the owner.
7. The Company will not assume any responsibility for any loss or damage incurred in shipping and or delivery.
8. The product(s) must be returned within 14 calendar days of receiving the return authorization from the Company and must include the original proof of purchase for the warranty to be honored.
9. Any implied warranties that the purchaser may have are limited to the duration of the warranties described above. There are no further warranties that extend or apply beyond the face hereof, and the Company expressly disclaims and excludes any and all warranties of merchantability or fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
10. THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND THE COMPANY’S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATION MAY NOT APPLY TO YOU.
11. This warranty gives you specific legal rights, and you may also have additional rights which vary from state to state.



ADIME913-T

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