

AIRMOSEN

English

WIRELESS BLUETOOTH SMART MEAT THERMOMETER



USER MANUAL

TPSC001

If you are having problems using this thermometer.

For USA/Canada:

Please email: service@airmsen.com

or call 1-844-725-2333

for assistance : www.airmsen.com

To best serve you, our AIRMOSEN Representatives are available to answer your calls Monday to Friday, 10:30 AM - 6:30 PM EST.

For Europe:

Please email: support@airmsen.com

for assistance : www.airmsen.com

THANK YOU FOR MAKING AIRMOSEN APPLIANCES A
PART OF YOUR HOME.

CONSTANT INNOVATION TO ALLOW CONSUMERS TO GET BETTER PRODUCTS

Take “technology, innovation, health” as its core value, to be the preferred brand of household products in your healthy and quality life.

AIRMOSEN focus on researching, developing and manufacturing various kinds of household supplies with advanced technologies and the idea of sustainable development, to promote the evolution and transform of our lifestyle, to make it more healthy, green, intelligent and with high quality, and to bring a happy, healthy and eco-friendly home life to around the world.

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PROBE SPECIFICATIONS

Detect the Temperature	-4°F to 212°F (-20°C to 100°C)
Water Resistance Rating	IPX8
Bluetooth Range Between Probe and Repeater	197 ft (60 m) outdoors
Bluetooth Range Between Repeater and Phone	164 to 295 ft (50 to 90 m) outdoors
Measurement Accuracy	±1.8°F (+1.0°C)
Rechargeable	Only the probe (lithium titanate battery)
Usage Time	More than 24 hours

PROBE SPECIFICATIONS

Bluetooth Version	5.2
Battery Life (Fully Charged)	120-240 hours
Standby Time (Fully Charged)	160 days
Automatic Shutdown	The device automatically powers off when the probe is inserted into the charging base
Function	Stores and charges your PROBE PLUS probe and transmit signals

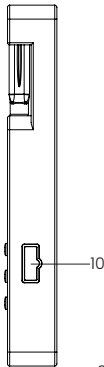
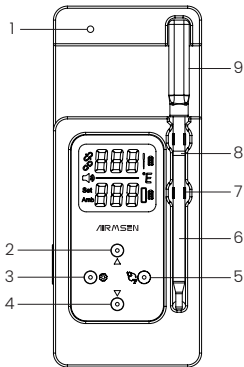
IMPORTANT SAFEGUARDS

- Please make sure to read the instruction manual carefully. This information will help you to familiarize yourself with your new device, to find out important details about its first use and how to operate it and to get advice in the event of malfunction.
- Following the instructions in your manual will prevent damage to your device and loss of your statutory rights arising from defects due to incorrect use.
- We shall not be liable for any damage due to non-following of these instructions or misuse of the device.
- Please keep this instruction manual for future reference.

WARNING

1. Keep this product out of the reach of children.
2. Handle the thermometer carefully. Always wear heat-resistant gloves when touching the thermometer or probe during or after use.
3. Do not use this thermometer in a microwave.
4. Do not subject the device to excessive force, shock, dust, temperature, or humidity. This may cause malfunctions, shortened electronic life, battery damage, and deformation of parts.
5. Insert the safety wire of the probe into the meat to avoid contact with open flames.
6. Avoid rinsing with cold water immediately after use, as sudden changes in temperature may damage internal components.

COMPONENT INTRODUCTION



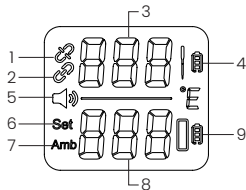
Description

1. Sound Outlet
2. Temperature "+"
3. Settings
4. Temperature "-"
5. Temperature Conversion
6. Stainless Steel Tube
7. Charging Pole
8. Safety line (Insert the probe at the line)
9. Ceramic Head
10. Type-C Charging Port

BUTTON DESCRIPTIONS

-  **Setting:** Set temperature alarm task, long press 10 seconds to reset.
-  **Temp+:** Setting physical temperature +1, long press continuous fast +1.
-  **Temp-:** Set the physical temperature -1, long press continuous fast -1.
-  **°F /°C Switching :** Click to toggle the temperature units(°F /°C).

LCD SCREEN INTRODUCTION



1. Icon of successful connection between cell phone APP and base:
not shown in disconnection, always lit in connection. is always lit.



2. Mobile APP and box disconnect icon:
not displayed in the connection, disconnection is always lit.



3. Probe Meat Temperature Display:

"----" indicates that the probe is not connected. When connected, the display shows the exact meat temperature.



4. Probe Battery Indicator:

When the probe battery is low, the battery icon will flash continuously, and the device will emit a beep sound every 30 seconds to remind you to charge the probe promptly. While the probe is charging in the base, the icon will display battery levels from 0 to 3 bars.



5. Buzzer Icon:

After the set-up temperature is reached, the buzzer will beep, and the icon will keep flashing.



6. Set Icon:

This icon lights up only when setting the meat temperature.



7. Amb Icon:

This icon is always displayed when the meat temperature is not being set.



8. Ambient Temperature Display:

"----" indicates that the probe is not connected. When connected, the display shows the exact ambient temperature.



9. Charging Base Battery Indicator:

When the charging base battery is low, the battery icon will flash continuously, and the device will emit a beep sound every 30 seconds to remind you to charge the base promptly. While the base is charging, the icon will display battery levels from 0 to 3 bars.

HOW TO USE THE THERMOMETER

1. Remove the probe from the charging base of the thermometer.

2. Please select one of the 2 connection methods:

A. Connect the probe with the charging base:

Press the "+" and "-" buttons simultaneously for 3 seconds. "----" indicates that the probe is not connected. When connected, the display shows the exact temperature.

B. Connect the probe with the AIBBQ application:

"----" indicates that the probe is not connected. When connected, the display shows the exact temperature. For more information about how to connect the probe with application, please refer to **"Meat Thermometer Connect App Quick Guide"** section.

3. Set up the meat temperature: press the setup key to enter the set temperature alarm mode, press +, - key to adjust the temperature, with a maximum limit of 212 °F (100 °C). Press the setup key again to complete the setup.

It will be automatically confirmed after 15 seconds of inactivity. When the temperature reaches the target, the temperature alarm will sound (beep). Press any key to cancel the alarm. To manually cancel the alarm, simply place the probe back in the base.



NOTE

Protective alarm: when the ambient temperature reaches 572 °F (300°C) or meat temperature reaches 212 °F (100°C). it will trigger the protective alarm. you can press any key to cancel the alarm, or the alarm will be canceled automatically when the temperature returns to normal.

4. Insert the Probe: Insert the probe into the thickest part of the meat, avoiding bone or fat.

For more tips about probe insertion, please refer to “How to Properly Insert the Thermometer Probe” section.

5. Remove and clean the Probe: Once it reaches the desired temperature, remove the probe, and clean it thoroughly after use.

For detailed cleaning instructions for the probe, please see the “Cleaning and Maintenance” section.

USE THE PROBE CORRECTLY

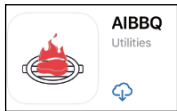
1. For roasts, steaks, and other thick meats, insert the probe into the thickest part, making sure to stay away from bone or fatty areas.
2. When cooking whole poultry, insert the probe into the inner thigh area of the poultry. Try to get as close to the breast as possible, but not touching the bone.
3. For meatloaf and other recipes with ground meat, insert the probe into the thickest area.
4. When cooking thin foods, insert the probe sideways. This works well for chops, thin steaks, chicken breasts, and hamburgers.
5. For casseroles and egg dishes, insert the probe into the thickest part.

PROBE SPECIFICATIONS

In order to better achieve Bluetooth connection and avoid disconnection, we recommend that the distance between the charging base and probe should be within 16 feet(5 meters). The distance between mobile phone and charging base should be within 98 feet (30 meters).In an open area, it can support a maximum distance of 197 feet (60 m)between probe and charging base, and a maximum distance of 164 feet~295 feet(50~90 m)between charging base and mobile phone.

DOWNLOAD APP

Download and install the APP, please refer to the **"Connect App QUICK GUIDE"**.



ios



Android



CLEANING AND MAINTENANCE

PROBE

- Do not wash the probe in a dishwasher.
- The probe can be washed by hand in a wash basin.
- Rinse with clean water and dry the probe.
- Do not use a wire brush or other abrasive items.
- Never use sharp or abrasive cleaning materials.

CHARGING BASE

- Wipe the charging box with a damp cloth only, then dry with a dry cloth.



WARNING

- Never immerse the body in water for cleaning, failure to do so may result in electric shock or damage.

TROUBLESHOOTING

1. Probe won't connect or screen shows abnormal display?

- Place the probe into the charging base and press the power button to ensure the repeater has power.
- Leave the probe in the base for 5 minutes.
- **Then take out the probe and press and hold both "+" and "-" buttons for 4 seconds.**
- A beep and screen animation will confirm re-pairing.

2. Inaccurate, missing, or unusually high temperature readings after use?

- Press and hold the "SET" button on the repeater for 11 seconds to reset.
- The screen will flicker briefly – this confirms the reset is complete.

3. Weak or no signal when the probe is in the oven?

- Place the repeater upright next to the oven.
- Make sure the **display screen is at the top.**
- The repeater's **height must be equal to or higher than the probe's height inside the oven** (measured from the ground).

WARRANTY

Product Name	Model Number	Default Warranty Period	For your own reference, we strongly recommend that you record your order number and date of purchase.
WIRELESS BLUETOOTH SMART MEAT THERMOMETER	TPSC001	24 Months	

TERMS & POLICY

AIRMOSEN warrants all products to be of the highest quality in material, craftsmanship, and service, effective from the date of purchase to the end of the warranty period.

AIRMOSEN will replace any product found to be defective due to manufacturer flaws based on eligibility. Refunds are available within the first 30 days of purchase. Refunds are only available to the original purchaser of the product. This warranty extends only to personal use and does not extend to any product that has been used for commercial, rental, or any other use in which the product is not intended for. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. AIRMOSEN is not responsible in any way for any damages, losses, or inconveniences caused by equipment failure by user negligence, abuse, or use noncompliant with the user manual or any additional safety or usage warnings included in the product packaging and manual.

This warranty does not apply to the following:

- Damage due to abuse, accident, alteration, misuse, tampering, or vandalism.
- Improper or inadequate maintenance.
- Damage in return transit.
- Unsupervised use by children under 18 years of age.

AIRMSEN assume no liability for damage caused by the use of the product other than for its intended use or as instructed in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses, so the foregoing disclaimer may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

DEFECTIVE PRODUCTS & RETURNS

Should your product prove defective within the specified warranty period, please contact Customer Support via **support@airmsen.com** with your order number. DO not dispose of your product before contacting us. Once our Customer Support Team has approved your request, please return the unit with a copy of your invoice and order number.

CUSTOMER SUPPORT

We're Here to Help!

If you encounter any issues or have any questions regarding your new product, please contact our helpful Customer Support Team. Your satisfaction is our goal!

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If you need to purchase product accessories, please visit www.airmsen.com.

* Please have your order confirmation number ready before contacting Customer Support.

