

Manufacturer:

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Cookprobe

MT01

**WIRELESS
BLUETOOTH
MEAT
THERMOMETER**



Note: Please read the user manual carefully
before using this product and keep the user
manual properly!

Please scan the below QR code to download and install the App, according to the operating system of your mobile.

IOS



Android



1. Overview

This is a wireless Bluetooth meat thermometer, consisting of a probe and a booster. The probe is used to monitor the internal and external temperature of food, and the booster is used to charge the probe and amplify the Bluetooth signal. The internal and external temperature of the food is collected through the probe, and then the Bluetooth signal is transmitted to the mobile phone APP by booster. On the APP side, allow you to preset the target temperature for the selected recipe and the required doneness. When the internal temperature of the meat reaches the target temperature, the user will be notified on the APP and the booster.

2. Packing List



1*booster



1*probe



1*user manual

3. Technical Parameters

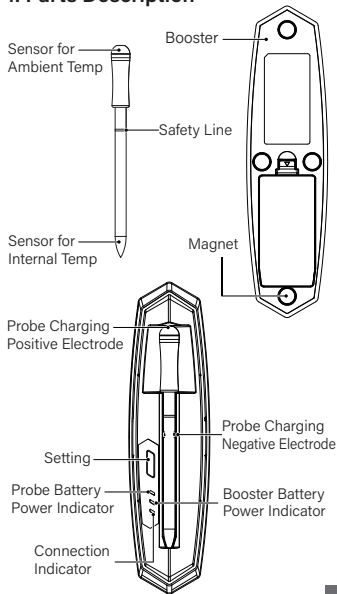
Wireless	
Wireless technology	Bluetooth 5.2
Signal Distance between probe and booster	164ft (50m) open area
Signal Distance between booster and smart device	328ft (100m) open area
Sensor type	Chip & NTC

Battery Parameters	
Probe's Operation Duration	12 hours (At 77°F (25°C) for a full charged Probe)
Probe's Full Charging Time	20 minutes
Booster's charging Times	100 times (new alkaline battery, probe battery is exhausted before charging)
Booster's Standby Time	1 year
Probe's Input Voltage	2.4V (built-in battery)
Booster's Battery	AA*2 dry batteries (alkaline batteries are recommended)

Temperature Range	
Environment temperature	14°F--572°F(-10 C -300 C), accuracy ± 2%
Internal meat temperature	14°F--212°F(-10 C -100 C), accuracy ± 1 C

Product size	
Probe	Φ11*125mm
Booster	173.5mm*45mm*33.5mm

4. Parts Description



4.1. Probe

Use to insert meat, monitor meat environment and internal temperature, IP67 waterproof.

4.2. Safety Line

When cooking, the probe is inserted into the meat, and the meat must exceed the safety line to ensure that the probe can accurately monitor the internal temperature and prevent internal components from being damaged by high-temperature barbecue.

4.3. Temperature sensor

The probe has built-in dual temperature sensors. The internal temperature can be monitored in the range of 14°F--212°F (-10 °C -100 °C), and the ambient temperature can be monitored in the range of 14°F--572°F (-10 °C -300 °C).

4.4. Booster

Use to charge the probe and as a signal amplifier to relay the Probe's signal to the smart device.

4.5. Battery Cover

Open the battery cover and insert 2 AA batteries at the first time using. Pay attention to the positive and negative poles when inserting.

4.6. Probe Battery Power Indicator(Green)

The indicator light flashes once every second, indicating the probe is low on power and needs to be placed in the booster for charging;

The indicator light flashes once every 3 seconds,

indicating that the probe is charging, and the indicator light goes off when fully charged.

4.7. Booster Battery Power Indicator (Red)

The indicator light flashes quickly, indicating that the battery is almost exhausted. Please replace it.

4.8. Connection Indicator (red, green and yellow)

The green indicator light flashes once every 3 seconds, indicating that the probe and booster are connected properly.

The red indicator light flashes once every 3 seconds, indicating that the probe has lost connection with the booster.

The yellow indicator light flashes, indicating that it is entering the pairing state.

The red and green indicator light flashes alternately, indicating that the booster firmware is being updated. Don't disconnect the battery power supply.

The indicator light goes out, indicating the probe has returned to the booster.

4.9. Setting Key

When the meat's internal temperature reaches the target temperature, short press the setting button to cancel the booster alarm.

5. User Usage

Follow the simple steps below to use your thermometer to help you cook like a pro!

Step 1: Download and install the "CookProbe" APP on your smart device, scan the QR code above, or search for "CookProbe" in the APP Store or Google Play. During the using process, the APP requests some relevant permission management from the system, and the user has to allow it, otherwise the APP will not work properly.

Step 2: Turn on the Bluetooth function on your smart device. If your smart device has already enabled Bluetooth, skip this step.

Step 3: Open the booster's battery cover and insert 2 AA batteries. Pay attention to the positive and negative poles of the batteries when inserting. Place the probe into the booster to charge until the probe battery indicator light goes out. The charging time of the probe is about 20 minutes.

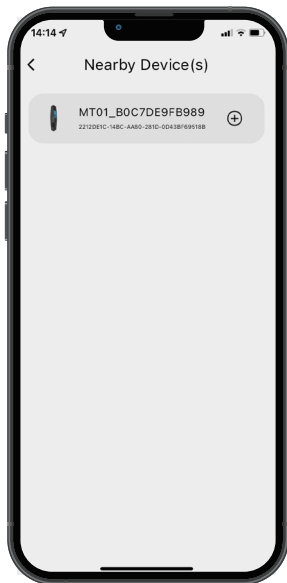
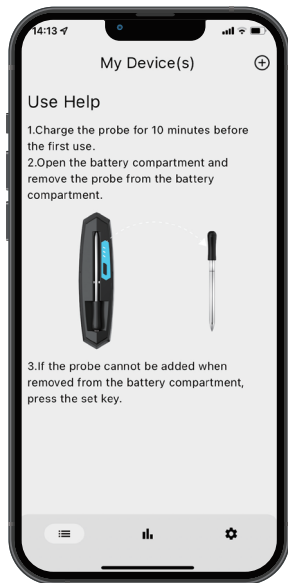
Step 4: Pair the probe with Booster
The probe and the booster have been pre-paired before leaving the factory. Pull the probe out of the booster and the connection indicator could turn on green once for 3 seconds, indicating that the probe and booster are connected correctly and can be used directly.

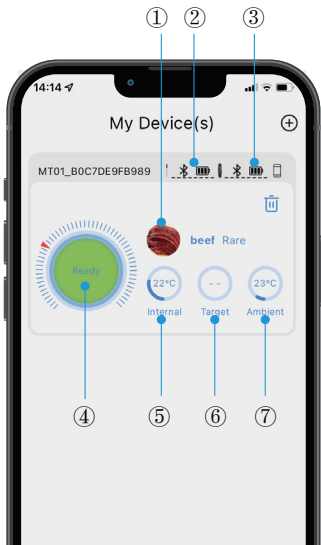
If you notice that the connection indicator light turns red once for 3 seconds when the probe is pulled out of the booster, it indicates that the probe and the booster are not paired or the pairing information has been lost. Please follow the steps below:

1. Long press the setting button for 3 seconds until the connection indicator light flashes yellow.

2. Wait for a few seconds until the connection indicator light keeps yellow and is accompanied by two beeps, indicating that the probe and the booster have been paired successfully. After pairing, you don't need to pair again when using.

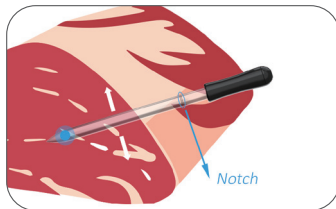
Step 5: Start the "cookProbe" application and click  on the upper left corner to add a device. Click then jump to the list of searched list. Click the thermometer to be added, and the APP will jump to the device list page, displaying the main information of the thermometer in the device list.



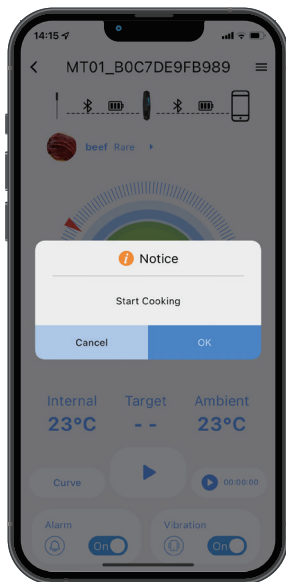
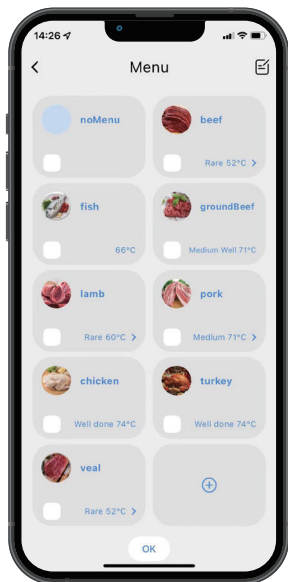


1. Recipe 2. connection status of probe battery power and booster 3. connection status of booster's battery power and the smart device
4. Cooking status 5. internal temperature
6. target temperature 7. ambient temperature.

Step 6: Before starting cooking, insert the probe into the meat. The meat must exceed the safety line and ensure that the probe's tip does not expose the surface of the meat. This ensures that the probe can accurately monitor the internal temperature and also prevent internal components damaged by high temperature grilling.

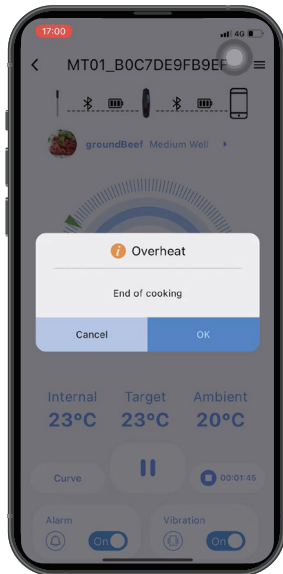


Step 7: Click the thermometer icon to enter the main page of the thermometer, select the meat and doneness, and then click to start cooking. The temperature curve will be recorded in real time during cooking until the cooking is completed. In the uncooked state, the temperature curve can also be recorded manually.





Step 8: When the internal temperature of the meat exceeds the target temperature, the APP and booster will sound an alarm. At this time, you can short press the setting button of booster or stop cooking on the APP to cancel the alarm.



6. Cautions

1. There are precision electronic components inside the probe. Before cooking, the probe must be inserted into the meat. The meat must be covered above the safety line and ensure that the tip of the probe does not expose the surface of the meat. This ensures that the probe can accurately monitor the internal temperature and also prevent internal components from being damaged by high-temperature grilling.
2. Please do not put the probe into the microwave oven to prevent damage to the probe.
3. In open areas, the distance between the probe and booster can be up to 160ft (50m). When inserted into meat and the cooking device is turned off, the wireless range of the probe will be drastically reduced to 10ft (3m). Therefore, we strongly recommend that the booster be placed to the cooking device as close as possible but at a distance of more than 1ft (30cm). When placing the booster, always pay attention to the status of the connection indicator light. If the red light flashes, it means that the probe and the booster have been disconnected. At this time, move the booster to the probe as close as possible until the connection indicator light turns green and flashes.
4. When the cooking is done, be sure to wear gloves and remove the probe from the meat.
5. Wipe the probe with a kitchen towel or rag after using. Rinse the probe until it returns to normal temperature. Otherwise it damages the probe if rinsing at the high temperature.
6. After cleaning and drying the probe, keep the probe in the booster for charging and storage.
7. The booster uses dry batteries, model AA 1.5V, it is recommended to use alkaline batteries. Please do not use rechargeable AA batteries, because its voltage is 1.2V. When not in use for a long time, please remove the battery from the battery compartment to avoid battery leakage and damage to the device.
8. The thermometer can be paired to multiple smart devices, but cannot be used simultaneously; when one smart device is being used, other smart devices can't be used.
9. Before cooking starts, the APP shows that the internal temperature of the probe and the ambient temperature will deviate by $\pm 1^{\circ}\text{C}$. This is normal because the heat transfer rates of ceramic and stainless steel tubes are different.
10. There are magnets built-in the booster, it can be directly attached to the metal shell of the cooking utensil during cooking. But magnets may affect the function of your artificial pacemaker. If you have a pacemaker, you have to keep more than 1ft (30cm) away from the booster.

7. Simple Troubleshooting Methods

Malfunction	Cause Analysis	Troubleshooting Solutions
The probe is installed in the booster, but the probe battery indicator does not indicate	The positive electrode of the probe does not touch the positive charging terminal of the booster	Please unplug and insert the probe again, and observe whether the shrapnel contact is normal and whether there is any oil stain that has not been wiped clean.
The battery in the battery compartment is slightly warm	The user's probe is installed backwards, resulting in a short circuit between the positive and negative poles of the booster.	Do not place the probe on the booster in the opposite direction
The probe has not been in the booster for a period of time, the booster connection indicator light also shows normal, but the APP cannot be connected.	The booster has its own power-saving protection mechanism. If it is not connected to the APP for a long time, it will close the communication interface with the APP	Please short press the setting button to reactivate the booster and APP communication interface

Malfunction	Cause Analysis	Troubleshooting Solutions
When a new battery is installed in the battery compartment, the battery indicator light in the booster flashes red quickly	The new battery has quality issues and is about to run out.	It is recommended to replace 2 new AA alkaline batteries
The probe is not in the booster and the booster connection indicator light does not light up	1. The two spring pieces of the probe's negative electrode are short-circuited together 2. The battery of probe is exhausted 3. The booster has its own power-saving protection mechanism. If the probe and booster are disconnected for more than 1 hour, the booster will turn off the connection indicator light	1. Please check the shrapnel of the probe' charging negative electrode 2. Recharge the probe 3. Short press the setting button to reactivate the booster and probe

8. Environmental Statement & Certification

Environmental Statement

1. This product complies with the environmentally friendly use period of 10 years.
2. The service life of this mark refers to that under normal use conditions, normal temperature and humidity in compliance with the instructions, excluding consumables.
3. Please comply with the regulations for handling electronic and electrical equipment in the corresponding country. If this device is no longer required, it must not be disposed of with ordinary municipal waste, please check the regulations in your area first. Please refer to local regulations for more recycling information.

Certification Declaration

Hereby, the manufacturer declares that this device complies with FCC Part 15 in U.S and complies with some parts of CE (2014/30/EU) and ROHS (2011/65/EU).



FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.