



Wireless Bluetooth Meat Thermometer User Manual

Model: Q2
App Name: AIBBQ LIFE
Product Introduction:
The Q2 Wireless Bluetooth Food Thermometer is an intelligent cooking tool that connects via Bluetooth, allowing users to monitor the internal temperature of food in real time to ensure optimal cooking results. It is suitable for various cooking scenarios, including ovens, grills, frying pans, and more.

Product Components:
- Wireless thermometer probe x2
- Repeater (booster, charging storage case) x1
- Type-C charging cable x1
- User manual x1

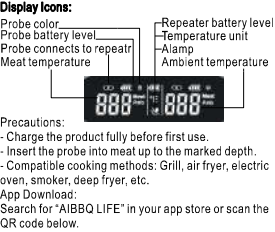
Key Features:
- Real-time temperature monitoring: The temperature probe connects to the repeater via Bluetooth, which then connects to a smartphone, displaying real-time food temperature on both the repeater and the app.
- Temperature alerts: The booster and app allow users to set target temperatures. Data syncs automatically, and an alarm sounds when the target temperature is reached.

- History records: Supports viewing past cooking data.
Functional Highlights:
1. Long-lasting probe design: Continuous operation. Resistant to open flames and drops.
2. High-temperature-resistant zirconia ceramic handle: Resistant to open flames and drops.
3. SU304 slim needle design: Easier insertion into meat.
4. Dual temperature sensors: Measures both food and ambient (grill/oven) temperature.

5. Repeater with large LCD display: Shows food and ambient temperature at all times.
6. Full-feature repeater settings: Target temperature, unit conversion, alarm/silent mode, usable without the app.
7. Display color changes during alarms: Press any button to stop the alarm.
8. Magnetic back on repeater: Attaches to grills or other metal kitchenware.
9. Auto power-on when probe is removed.
10. Auto-charging when probe is stored: Fully charged probes auto-shut off.
11. New power button: Short press to check battery level and charge the probe without removing it.

Usage Steps:
Charging the Product:
Before use, press the booster button once to power it on and charge the probe. Check the booster's battery level; if low, charge it first.

- Charging indicators:
- The battery icon animates during charging.
- A full battery icon stops flashing when fully charged.
- Probe charging takes ~16 minutes.
- Booster charging takes 40~120 minutes.



Device Connection:
1. Enable Bluetooth and open the app (grant location permissions if prompted).
2. Tap the menu icon (☰) → Settings → Select language, temperature unit, alarm, and vibration settings.
3. Return to the main screen.

Powering On:
Remove the probe from the booster; the repeater will auto-power on and connect to the probe, displaying current temperatures.

Pairing with the App:
1. In the app, select Scan or tap "+" to find device "Q1."
2. Tap Bind to pair. Once connected, temperature and battery levels will display.
3. Navigate to Settings → Meat Selection → Choose a preset or customize.
4. Adjust the target temperature or select a doneness level.
5. Tap Done to start cooking.

Inserting the Probe:
Insert the probe into the thickest part of the meat (avoid bones/fat) until the marked line. Place the meat in the oven/grill.

Setting Alarms & Stopping Alerts:
- App: Set target temperature in Settings. When reached, the repeater and phone will beep, and the LCD turns red. Tap Stop to silence.
- Repeater: Press any button to stop alarms.

Cooking Process:
- Attach the repeater magnetically to metal surfaces.
- Monitor temperatures via the repeater or app.
- Alarms sound when the target temperature is reached.

The APP operation process is as follows:



Unpairing/Deleting Devices:

1. Tap Stop Cooking in the app (confirm if prompted).
2. Swipe left on the device name → Tap the trash icon → Confirm deletion.



Standalone Repeater Use (Without App):

Long press the button for 2 seconds, and the target temperature number of the corresponding probe will flash. Short press the button to adjust the target temperature value until it reaches your desired setting. Short press the button once to switch to the target temperature adjustment mode for the corresponding probe (the temperature number will flash). Short press the button again to fine-tune the value. Once set, long press the button for 2 seconds or wait 5 seconds with out operation to exit the setting mode. The number will stop flashing, indicating the target temperature is confirmed, and the cooking process will start automatically. During an ongoing cooking process, you can modify the temperature settings using the steps above.

Default Display and Switching:
When the repeater is powered on, it defaults to displaying the meat temperature of the corresponding probe. Short press the button to cycle through the following displays for the white probe : Meat temperature (Meat icon lit) Ambient temperature (Amb icon lit) Target temperature value (no unit icon lit) Short press the button to cycle through the following displays for the black probe : Meat temperature (Meat icon lit) Ambient temperature (Amb icon lit) Target temperature value (no unit icon lit). Alarm Function On/Off:

When the repeater is powered on, short press the button to toggle the alarm Function. Alarm enabled: The bell icon on the display lights up. Alarm disabled: The bell icon turns off.
Temperature Unit Switching:
Long press the button for 2 seconds to switch between Celsius (°C) and Fahrenheit (°F).

Post-Cooking Care:
1. Rinse and dry the probe before storing.
2. Store the probe in the repeater for auto-charging (~16 min to auto-shutdown).
3. Avoid high temperatures/water exposure for the repeater.
4. Clean the probe with water (dishwasher-safe).
5. Charge periodically if unused for long durations.

Troubleshooting:
- Bluetooth issues: Ensure devices are on, probe is charged, and restart Bluetooth/app.
- Inaccurate readings: Check probe insertion (avoid bones/fat).
- Device won't power on: Charge if battery is low.

Specifications:
- Bluetooth: Version 5.3+
- Probe handle heat resistance: 500 °C
- Temperature ranges:
- Food: 0-100 °C (±1 °C)
- Ambient: 0-300 °C (±3 °C)
- Battery life:
- Repeater: ~24 hrs
- Probe: ~30 hrs
- Repeater: 40~120 min
- Ports: Type-C (5V/1A)
- Batteries:
- Repeater: 3.7V 500mAh Li-ion
- Probe: 2.4V 5mAh Li-titanate

Warranty & Support:
- Coverage: 1 year (non-human damage).
- Contact:
- Email: support@aibbqlife.com
- Website: aibbqlife.com

Safety Notes:
- For cooking use only.
- Keep small parts away from children.
- Clean probes after use to prevent bacteria.
- Contact support for queries.

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.

IOS



Android

