



Wireless Smart Meat Thermometer
Instruction Manual

862B/863B-V20240208 EN

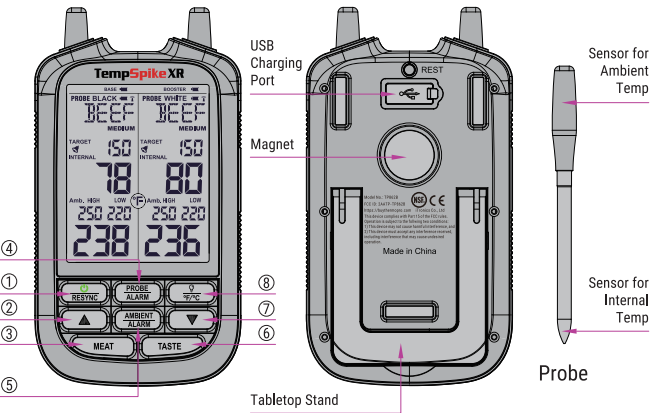
1. Introduction

Thanks for your purchasing of TempSpike XR Wireless Smart Meat Thermometer! To ensure the best possible product performance, please read this manual in its entirety and retain it for future reference.

2. Components

- 1 x Wireless Smart Meat Thermometer
- 2 x Stainless Steel Probes
- 1 x USB-C Charging Cable
- 1 x Signal Booster(Optional)
- 1 x User Manual

3. Base Station (Receiver)



3.1 Features:

- LCD Screen to display all icons and temperatures.
- Backlight.
- Two probes to monitor the internal temperature of two meats and ambient temperature simultaneously.
- Internal and ambient temperature alarm.
- Internal temperature range: 14°F to 212°F (-10°C to 100°C).
- Ambient temperature range: 14°F to 572°F (-10°C to 300°C).

- Battery level indicator.
- Tabletop stand and magnetic back design.
- Power: Built-in lithium rechargeable battery. This device can be connected to any USB charger(Type C) via the enclosed charging cable.

3.2 Buttons:

1. **RESYNC** Button: Press once to turn on/off the device, press and hold to resync new probe.
2. **▲** Button: In PROG Mode or Ambient Temperature Setting Mode, press to increase the value of target temperature. Press and hold for 2 seconds, the value will increase at a faster pace.
3. **MEAT** Button: Press to choose the meat type: BEEF, VEAL, CHCKE (Chicken), PORK, POULT(Poultry), LAMB, FISH, HAM, GBEEF(Ground Beef), GPOUL(Ground Poultry) and PROG(Program-User Defined Temperature). Target temperature can be user-defined in PROG Mode.
4. **PROBE ALARM** Button: Press to rotate between PROBE BLACK or PROBE WHITE. Press and hold for 3 seconds to turn on/off the alarm of internal temperature. When the icon shows, the alarm of internal temperature is turned on, the alarm is turned off if the icon is disappeared.
5. **AMBIENT ALARM** Button: Press once to set the HIGH ambient temperature, increase or decrease the value by pressing **▲** or **▼** button when the digit under HIGH icon is blinking. Press again to set the LOW ambient temperature, increase or decrease the value by pressing **▲** or **▼** button when the digit under LOW icon is blinking. Press once again to quit to set the ambient temperature. Setting will be confirmed automatically if no button has been pressed in 5 seconds. Press and hold the **AMBIENT ALARM** button for 3 seconds to turn on/off the alarm of ambient temperature. When the icon shows, the alarm of ambient temperature is turned on, the alarm is turned off if the icon is disappeared.
6. **TASTE** Button: Press to select the meat doneness level: RARE, MED RARE, MEDIUM, MEDIUM WELL and WELL DONE.
7. **▼** Button: In PROG Mode or Ambient Temperature Setting Mode, press to decrease the value of target temperature. Press and hold for 2 seconds, the value will decrease at a faster pace.
8. **°F/°C** Button: Press to turn on/off the backlight. Press and hold for 3 seconds to switch between temperature unit in °F or °C. The backlight will turn off automatically if no button is pressed in 10 seconds.
9. **RESET** Button: Press and hold this button for more than 3 seconds to

restart the device if any malfunction. The RESET button is at the back of the device.

*** please ensure to always insert the probe deeply enough into the meat so that only the handle of probe is visible.**

3.3 How to Charge the Base Station and Probes

1. Connect the USB charging cable provided to any USB charger to charge the base station. The base battery level indicator will scroll when charging, and it will stop scroll once full charged.
2. The base station also serves as a power source to charge the probes. Place the probes into the probe storage holes on the base station, it will sound a “BI” in 3-4 seconds, then the probes will be charged automatically and all data will be cleared. The probe battery level indicator will scroll when charging, and it will stop scroll once full charged.
3. The base station will turn off automatically in five minutes after two probes are placed into the probe storage holes.

3.4 How to Pair the Probe with the Base Station

The base station and the probes are pre-paired at our manufacturing facility. Removing the probe from the base station, you will see the temperature measured by this probe appear on the display.

If for any reason you need to re-pair them or you have a new probe or a base station to be paired, please follow the below steps:

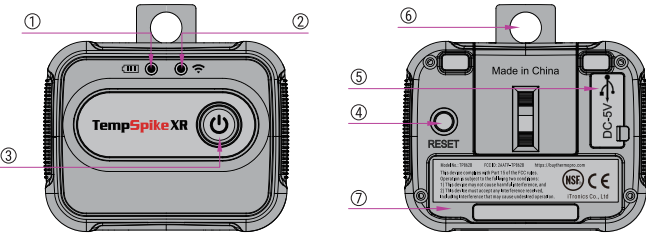
- 1) Press **RESYNC** button to turn on the base station.
- 2) Remove the probe from the base station.
- 3) Press and hold the button for 3 seconds, you will see the temperature measured by this probe appear on the display, this indicates that this probe is paired with the base station. Once they are paired, you do not need to pair them again for future uses.

Please note that one receiver can only pair with one black probe and one white probe, which means you cannot pair one receiver with two black probes or two white probes.

3.5 How to Turn on/off the Sound of Button

The sound of button is turn off by default, press and hold **▲** and **▼** button at the same time for 3 seconds to turn on the sound of button. The sound of button can be turned off in the same way.

4. Signal Booster(Optional)



1. Power Indicator
2. Signal Indicator
3. ON/FF Button
4. Reset Button
5. USB Charging Port(Type C)
6. Hanging Hole
7. Magnet

4.1 Features:

- Extend the remote range between receiver and probe from 1,000FT(300M) to 2,000FT(610M) maximumly if without any obstructions.
- Synced with receiver and probe automatically once power on, no need to register.
- Button: Press to turn on the device, press and hold for three seconds to turn it off. It will turn off automatically in 40 minutes after both probes put into the transmitter and transmitter is turn off.
- Signal Indicator: It flashes green every four seconds if the signal from the probe is received, while it flashes red every four seconds if no signal is received.
- Power Indicator: When it flashes red, this indicates the battery power is low and needs to be recharged. When the booster is being charged, the indicator light will be in red. Once the booster is fully charged, the light will be in green.
- **RESET** Button: Press to restart the device if any malfunction.
- Hanging hole and magnetic back design.
- IPX6 Waterproof.

5. Purchasing Additional Signal Booster

The model number of the signal booster is TP860B/C, and it may be ordered

directly from Amazon or ThermoPro by contacting our customer service listed below. We don't suggest to sync more than one booster to a receiver, they may affect the connection. But if you have more than one receiver, one signal booster can be connected to extend the remote range for all of them.

5. **Caution**

- 1. There are sophisticated and delicate electronics within the probe. To avoid extremely high heat which could damage the electronics, **please ensure to always insert the probe deeply enough into the meat so that only the handle of probe is visible.**
- 2. Do NOT use the probes in the microwave.
- 3. Always wear glove to remove the probes from the meat when you finish cooking.
- 4. Use a kitchen towel or rag to wipe and clean the probes after each use. You may rinse the probe and use dishwasher to wash it as well.
- 5. After cleaning the probe, always place the probe in the booster for charging and storage.
- 6. Do not immerse the transmitter in water, wipe it with damp cloth.
- 7. Not Intended for use by persons aged 12 and under.

*** WARNING FOR ARTIFICIAL CARDIAC PACEMAKER USERS**
Please be aware that a magnet installed inside the device may impact the functionality of your artificial cardiac pacemaker. If you have a pacemaker, we recommend always staying up to 1 foot or 0.3 meter away from the device.

6. **FCC Statement of Compliance**

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.

Warning: Changes or modifications to this unit 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 of more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

7. **Declaration of Conformity**

Hereby, the manufacturer declares that this product with the basic requirements and applicable regulations of the Radio Equipment Directive 2014/53/EU, the EMC Directive 2014/30/EU. The complete declaration of conformity can be found at:
<https://buythermopro.com/eu-declaration-of-conformity/>.

8. **Disposal of the Electronic Appliance**



This electronic appliance should not be disposed of with normal household waste.

Dispose of the unit at an approved facility or at your local recycling center. Please observe the current rules and regulations when disposing of the appliance. Contact your local council if in doubt.

9. **Limited One-Year Warranty**

TempSpike warrants this product to be free of defects in parts, materials and workmanship for a period of one year, from date of purchase.

Should any repairs or servicing under this warranty be required, contact Customer Service by phone or email for instructions on how to pack and ship

the product to TempSpike.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

10. **Customer Service**

Telephone: 1-877-515-7797(USA & Canada)
49-215-493-19011(DE)
44-808-164-1683(UK)
61-180-057-7492(AU)
Email: service@buythermopro.com
Monday-Friday: 8:00am-8:00pm (EST)

Specification	
Temperature Range	
Internal Temperature	14°F to 212°F (-10°C to 100°C)
Ambient Temperature	14°F to 572°F (-10°C to 300°C)
Temperature Tolerance	±1.8°F (±1.0°C) from 14 to 212°F (-10 to 100°C), otherwise ±2%
Sensor Type	NTC
Transmission Range*	
Probe to Receiver	1,000ft(300M) with grill lid open in open ground, 33~90ft(10~30m) with grill lid closed in open ground.
Probe to Booster to Receiver	2,000ft(610M) with grill lid open in open ground, 1000ft (300m) with grill lid closed in open ground.
Battery life	
Probe	30 hours or more
Booster	40 hours or more
Receiver	15 days or more
Wireless Technology	FSK 915Mhz for USA/Canada and 868Mhz for Europe
Display of Receiver	LCD, 2 $\frac{7}{10}$ Length x 2 $\frac{1}{6}$ Width inches (68.0L x 54.5W mm)
Unit Size	
Probe	Ø $\frac{1}{5}$ Diameter x 4 $\frac{1}{6}$ ength inches (Ø5.4 D x 106 L mm)
Booster	2 $\frac{3}{5}$ Length x 2 Width x 1 Height inches (66.0L x 51.2W x 25.0H mm)
Receiver	5 $\frac{3}{10}$ Length x 2 $\frac{1}{5}$ Width x 1 $\frac{1}{10}$ Height inches (134.0L x 78.5W x 28.0H mm)
Power	
Probe	2.4V(1 x Built-in lithium rechargeable battery)
Booster	3.7V(1 x Built-in lithium rechargeable battery)
Receiver	3.7V(1 x Built-in lithium rechargeable battery)
*The stated transmission range is based on tests at an ambient temperature of 77°F or 25°C without any obstructions or electromagnetic interference. Your range can vary depending on the number of obstructions and electromagnetic in your environment.	