ThermoPro
Remote Food Thermometer with Four Probes
Model No. TP-27
Cook Like A Pro Every Time!

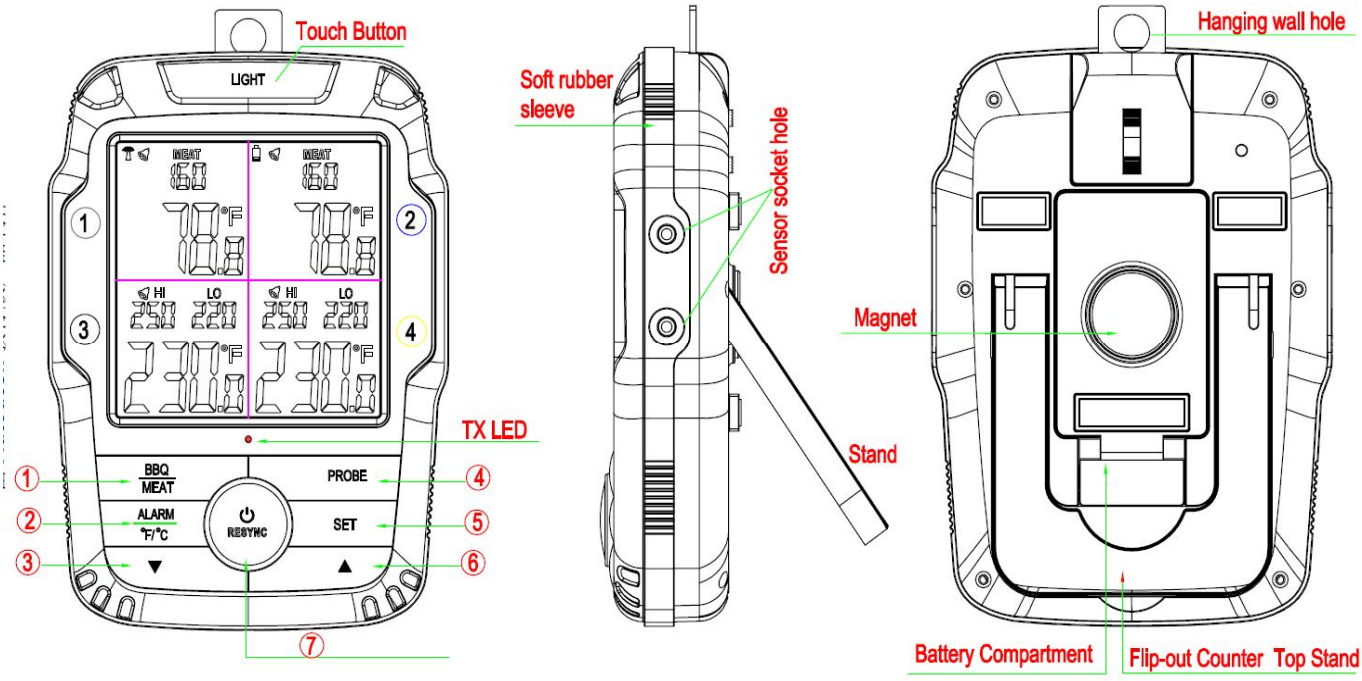
Introduction

Congratulations on your purchase of the Professional Remote Food Thermometer, a programmable radio frequency food thermometer. You will now be able to remotely monitor the temperature of cooking food and the temperature inside your grill, oven or smoker from anywhere in your home.

Components

1. One receiver unit.
2. One transmitter unit.
3. Four detachable stainless steel probes with steel mesh cable.
4. Four AAA batteries.

Transmitter Features

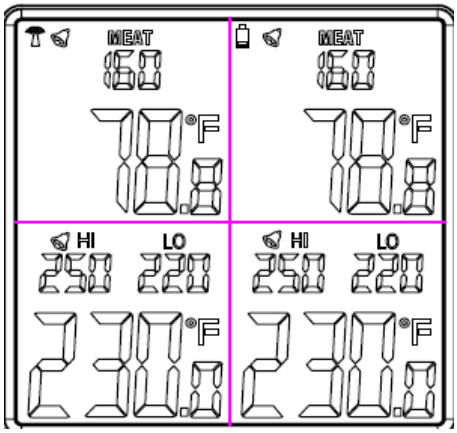


1. LCD (Liquid Crystal Display) – Displays all icons, temperature
2. Low battery Indicator
4. Remote range: 300FT
5. IPX4 Waterproof
6. Touch Backlight
7. Temperature Alarm
8. Four probes
9. Temperature range of probe: 14°F to 572°F (-10°C to 300°C)
10. Tabletop, magnet and wall-mounted design
11 .All four probes can be selected for **MEAT** or **BBQ**
12. Battery: 2*AAA batteries, 3.0V

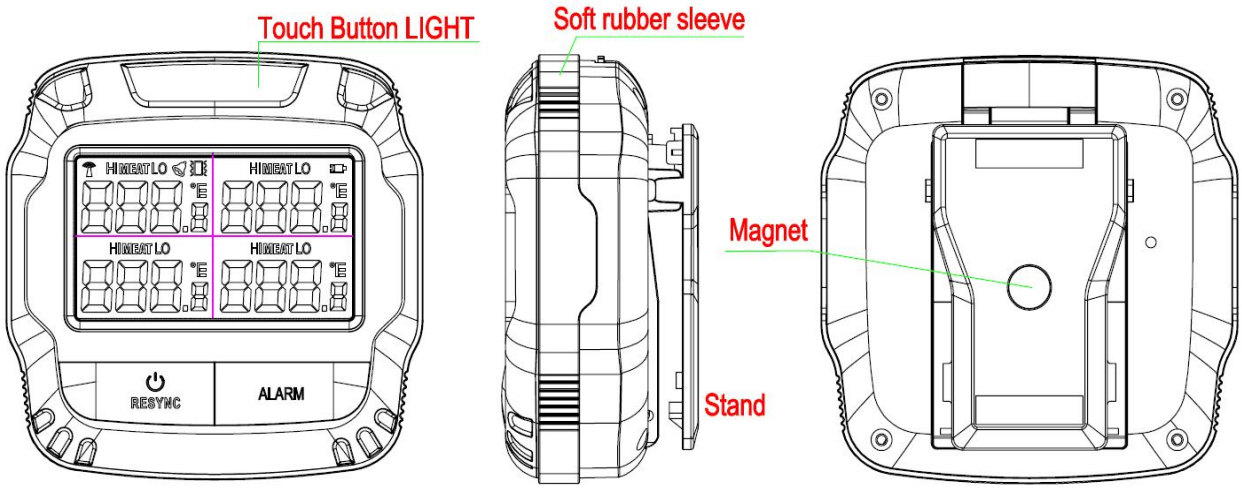
Buttons

1. BBQ/MEAT – Press to display HI, LO or MEAT.
2. ALARM/ F°/C°: Press once to turn on/off the alarm; Press and hold for 3 seconds to switch F° and C°.
3. ▼: Press once to decrease the temperature setting, press and hold for 3 seconds, temperature will decrease at a faster pace.
4、PROBE: Tap to select four probes' temperature, when you press the button, you will see the display flashing. Hold for 3 seconds to turn on/off the Alarm of the probe.
5、SET: Click to confirm the temperature setting and hold for 3 seconds to enter the temperature setting.
6、▲ : Press once to increase the temperature setting, press and hold for 3 seconds, temperature will increase at a faster pace.
7、ON/OFF/RESYNC: Tap to turn on/off the transmitter; Press and hold for 3 seconds to enter the Synchronize/Pair process.
8. LIGHT: Touch to turn on/off the backlight. Backlight will auto-off after 15 seconds of inactivity.

LCD SCREEN:



Receiver Features



1.LCD (Liquid Crystal Display) – Displays all icons, temperature
2. Low battery Indicator
3. Remote range: 500FT
4. IPX4 Waterproof
5. Touch Backlight
6. Alarm mode can be selected：

Sound alarm, vibration alarm, simultaneous sound and vibration alarm, shut off alarm.

Buttons

1. ON/OFF/RESYNC: Tap to turn on/off the receiver; Press and hold for 3 seconds to enter the Synchronize/Pair process.

2. ALARM – The audio alarm mode is enabled by default when the power is on,

Click once to switch vibration mode、Click again to turn on the sound and vibration modes、Press again to turn off alarm mode。

3. LIGHT: Touch to turn on/off the backlight. Backlight will auto-off after 15 seconds of inactivity.

Installing batteries

Open the battery compartment of the receiver and insert two "AAA" batteries with correct polarity. Open the battery compartment of the transmitter and insert two "AAA" batteries with correct polarity.

Turn On/Off Unit

Press ON/OFF/RESYNC button on the receiver to turn on/off the receiver;
Press ON/OFF/RESYNC button on the transmitter to turn on/off the transmitter.

Auto Off Feature

The receiver will turn off automatically if it hasn't received the temperature signal from the transmitter for more than 30 minutes, a beep will sound for one minute before it shuts down.
The transmitter will automatically shut down if the temperature of the 4 probes stays below 40 ℃ for 2 hours.

Operation

1. Insert two "AAA" batteries with correct polarity. The LCD display will all icons for 2 seconds with "beep", then will display the current temperature of each probe, default high and low temperature. Probe 1 and 2 will display MEAT 160F°, probe 3 and 4 will display HI 250F° and LO 220F°.
2. If do not insert the probe into the transmitter, it will display "---".
3. When insert four probes into the transmitter, it will display the current temperature of each probe.
4. Touch the backlight button on the top of the transmitter to turn on/off the backlight.
5. Press the PROBE button, Probe 1's current temperature will flash, then you can press the BBQ/MEAT button to display BBQ temperature.
6、Set the target temperature of the **MEAT**, Press the **PROBE** key to select 1, 2, 3, 4, Press and hold the button "SET" for 3 seconds, Set the temperature and start flashing, now you can adjust the high temperature through ▲/▼ button。

6. Set the target temperature of the **BBQ**, Press the **PROBE** key to select 1, 2, 3, 4, then you can press the BBQ/MEAT button to display BBQ temperature. Press and hold the button "SET" for 3 seconds, default HI 250 will flash, now you can adjust the high temperature through ▲/▼ button. Once you set the high temperature to what you need, press "SET" again to confirm. Then the default LO 220 will flash, now you can adjust low temperature through ▲/▼ button. Once you set the low temperature to what you need, press "SET" again to confirm. Flash will stop now.

NOTE: The HI BBQ temperature range is 33 ºF – 572 ºF and the default setting is 250 ºF. The LO BBQ temperature range is 32 ºF – 571ºF and the default setting is 220 ºF.

7. Press and hold PROBE button for 3 seconds, you can turn on/off the current probe's ALARM.
8. To set Probe 2,3,4's temperature, refer to above steps.
9. The thermometer will save the current settings after the unit is turned off.
10. Finish the temperature setting, you can begin to monitor the meat or BBQ temperature. Insert each probe into the meat or put in the BBQ/OVEN/SMOKER, the thermometer will begin to monitor the temperature. It will send the

temperature to the receiver every 12 seconds.
11. Once the temperature of meat reaches the preset temperature, both the transmitter and receiver will beep and the LCD backlight will be turned on, the corresponding probe temperature flashes. Press any button to stop the beep.

Note: Explanation of the ALARM of HI and LO setting

1. The alarm will not be activated if the current temperature is below the LO setting or above the HI setting.
For example, current temperature is 30C°, the HI setting is 90C°, the LO setting is 60C°, the alarm will not be activated. Once the current temperature goes above 60C° and then drops below 60C°, the LO temperature alarm will be activated. Once the current temperature goes above 90C°, the HI temperature alarm will be activated.

2. The alarm status will not be saved after the unit is turned off.

Synchronize/Pair Transmitter and Receiver

The transmitter and receiver were already paired at our manufacturing facility. Usually you do NOT need to re-synchronize or re-pair the units. You just plug in the probes, insert batteries, turn on the receiver and the transmitter and wait for a few seconds, you will see the temperatures shown on both receiver and transmitter and the units are ready for use.
However, in some unusual cases, the transmitter and receiver are no longer paired, then you may need to re-synchronize them by following the below steps:
a. Insert two AAA batteries into the receiver, the signal icon on the display will flash。
b. Insert two AAA batteries into the transmitter, insert the stainless steel probes into the corresponding plugs in the transmitter. The LCD display will show the current temperatures of each probe.
c. Wait for a few seconds, the transmitter will send the signal to the receiver, once you see the current temperatures on the receiver, the unit is ready for use.
d. Press ON/OFF/RESYNC button and hold for three seconds to enter the synchronization mode . At the same time, press ON/OFF/RESYNC button on the transmitter and hold for three seconds.
e. Wait for a moment until the temperature reading shows on the receiver display, it means the synchronization/Pairing is complete. Your professional remote cooking thermometer is now ready for use.
Note: The synchronization between the transmitter and the receiver won't be lost
even if you replace the batteries.

changes or modifications not expressly approved by the party responsible for compliance could void the user's auth ority to operate the equipment.

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 reside ntial installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and us ed 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 interfe rence to radio or television reception, which can be determined by turning the equipment off and on, the user is enc ouraged 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.

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.