

TS-TP40

MADE IN CHINA

USER MANUAL

FOUR PROBE WIRELESS

DIGITAL BBQ THERMOMETER WITH TIMER & TOUCH SCREEN

Please read this user manual carefully before using.

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1.2.1 Transmitter Features

Function keys: °C/°F and LIGHT/O

① Hold LIGHT/O for 3 seconds to turn ON/OFF the LCD. When powered On, the transmitter will display the data. When powered Off and then On again, it will re-launch the temperature. Press LIGHT/O to turn on the backlight.

② Press °C/°F to switch °C/°F

1.2.2 Receiver Unit Feature

8 function keys: [MODE] , [MEAT] , [TASTE/C] , [°C/°F/▲] , [CLEAR] , [▼] , [START/STOP] , [LIGHT]

LIGHT:

① Press LIGHT to turn on the backlight.

MODE:

Toggle between four probe display mode and timing mode.

① Four Probe Mode: Press MODE to switch meat and taste temperature of probe 1/ probe 2/ probe 3/ probe 4

② Timing Mode (0H00M00S): Timing maximum range: 9H59M59S. Timing and barbecue can run dual tasks.

Count Up Time: Press MODE for four times to switch the timing mode (0H00M00S), and press START/STOP.

Count Down Time: Press and hold MODE for 3 seconds and click MODE to set time as following the sequence: H->M->S, press °C/°F/▲ and ▼ to start the countdown, You will hear a "BIBIBIBIBIBI" alarm and the orange light will flash.

MEAT:

① When the battery is on, the default display is Probe 1 , meat and taste for Probe 1, defaults to BEEF and WELL.

TASTE/O

① Press TASTE/O to switch the taste of Probe 1 and Probe 2 and Probe 3 and Probe 4: WELL -> MED WELL -> MEDIUM -> MED RARE -> RARE

② Hold TASTE/O to turn ON/OFF the receiver.

°C/°F/▲:

① Press °C/°F/▲ once and upwards and hold for 3 seconds to go ahead in the 8 step/second speed.

② Hold °C/°F/▲ to switch °C/°F display.

CLEAR:

① Press CLEAR to clear the timer as 0H00M00S.

② Hold CLEAR to clear the actual temperature for Probe 1 and Probe 2 and Probe 3 and Probe 4.

▼:

① Press ▼ once and backwards and hold for 3 seconds to go back in the 8 step/second speed.

START/STOP:

① Press START/STOP to start or stop and timer setting under timer mode or turn on/off the alert function under cook mode

② Hold START/STOP to set the target temperature for Probe 1 and Probe 2 and Probe 3 and Probe 4. Then press START/STOP to confirm the value and turn on the alert function.

1.3 Specifications

Wireless Transmission Distance	≤100 meters in open space
Temperature Range	-4.7° to 572.7° (-20°C to 300°C)
Temperature Accuracy	±1.8° (±1°C)
Timing Range	0:00:00-9:59:59
Preset Temperature Range	USDA doneness levels
Waterproof Grade(Probe)	IPX7

2. INSTALLATION

2.1 Installing Batteries

Remove the hanger and battery compartment.

Insert 2 AAA batteries.

2.2 Assembling the Transmitter

NOTE: If the probe is not connected to the transmitter, the current temperature will display LLL.

the probe is not connected

3. TURN ON LIGHT

Press the LIGHT button on the receiver to turn On.

Press the LIGHT button on the receiver to turn On/Off.

4. SETTINGS

4.1 Thermometer Mode

You can use 4 probes to measure and monitor 4 pieces of meats, or 4 sections of the same large piece of meat at the same time.

4.1.1 Preset USDA Doneness Temperature

Switch the Probe

Press MODE to switch Probe 1 or Probe 2 or Probe 3 or Probe 4

① Meat Selection

Press MEAT button to select the type of meat you want to cook

② Taste Selection

Press TASTE/O button to select the taste level of the meat you want to cook.

Alert Function

③ Alert Function

Press START/STOP to turn on the alert function, the alert icon appears,

When the alert function is ON, it will signal an alarm once reaching the alert temperature, the alert icon will flash, the orange light will flash, probe 1 beeps for 1 second, and probe 2 beeps BIBI for 1 second, probe 3 beeps BIBIBI for 1 second, probe 4 beeps BIBIBIBI for 1 second

NOTE: Some types of meat do not support the selection of all tastes.

Meat Selection:

Each press will change the display in the following sequence:

BEEF	LAMB	VEAL	HAMBURGER	PORK	TURKEY	CHICKEN	FISH	PROGRAM
BEEF	LAMB	VEAL	HAMBURGER	PORK	TURKEY	CHICKEN	FISH	PROGRAM

The different taste options:

		WELL		MED WELL		MEDIUM		MED RARE		RARE	
		°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
1	BEEF	76	170	73	165	71	160	62	145	60	140
2	LAMB	76	170	73	165	71	160	62	145		
3	VEAL	76	170	71	160	62	145	60	140		
4	HAMBURGER	71	160								
5	PORK	76	170	72	165	71	160				
6	TURKEY	73	175								
7	CHICKEN	73	175								
8	FISH	68	157								
9	PROGM	71	160								

The corresponding preset temperature will show on the monitor as "TEMP SET".

4.1.2 Manually Setting Target Temperature

① When in cook display mode, hold START/STOP button for 3 seconds, "TEMP SET" will start to flash

② Press °C/°F/▲ or ▼ to adjust the temperature setting, press START/STOP to confirm the setting. The setting mode will remain without any operation in 20 seconds.

③ Press START/STOP to turn On/Off the alert function.

④ When the alert function is ON, it will signal an alarm once reaching the alert temperature, the alert icon will flash, the orange light will flash, probe 1 beeps for 1 second, and probe 2 beeps BIBI for 1 second, probe 3 beeps BIBIBI for 1 second, probe 4 beeps BIBIBIBI for 1 second

⑤ To turn off the alarm, press any key to stop the beep sound. This turns the orange light OFF and the blue light ON for 10 seconds. After 5 minutes it will re-beep once the temperature goes higher than the target set temperature. If the temperature is always lower than the set temperature, it stops alerting.

4.2 Timing Mode

The count up and count down timer operates independently from the temperature sensor.

4.2.1 Count Up Timer

① Press MODE to change count up timer mode, the default is 0H00M00S, icon TIMER▲ appears.

② To start or stop the count up timer, press the START/STOP button when 0:00:00 is displayed on the monitor.

4.2.2 Count Down Timer

① Press MODE to change count down timer mode, the default is 0H00M00S, the icon TIMER▼ appears.

② Hold MODE for 3 seconds to set the count down timer, the sequence is in (hour - minute - second) .

③ For settings, press °C/°F/▲ to increase the setting and hold °C/°F/▲ for 3 seconds to increase the setting for 8 steps; and press the ▼ button to decrease the setting and hold ▼ for 3 seconds to decrease the setting for 8 steps.

④ Press MODE to change the minute or second, press °C/°F/▲ to increase the setting and press ▼ button to decrease the setting.

⑤ Touch START/STOP to start counting down.

Press START/STOP to clear the timer time.

For count down mode, TIMER▼ will display, the max count down timer is 9:59:59.

When completing the count down timer , it sounds BEEPS once, the orange light flashes and lasts for 30 seconds, press any key to stop the alarming.

Helpful Hints

If the temperature displayed seems to read too high or the temperature seems to increase too quickly, check to make sure the probe tip is not poking through the food. Re-position the probe tip in the center of the thickest part of the food. Avoid touching bone or heavy fat areas.

If the receiver and the transmitter display "LLL" or "HHH" instead of the probe temperature, wait for the probe to reach the current temperature. If "LLL" or "HHH" is still displayed or you get a false temperature, reinsert the probes into the transmitter and twist them back and forth so they make good contact.

Always turn off the devices after use to increase battery life. If the devices are not used for a long time, please remove the batteries.

Cautions

Always wear a heat resistant glove to touch the stainless steel probe or heat resistant wire during, or just after cooking.

Hand wash the stainless steel probe thoroughly (probe is not dishwasher safe).

Keep the stainless steel probe and heat resistant wire away from children.

If the meat temperature does not appear on the screen after the probe has been inserted into the meat, check to make sure the plug from the probe is securely inserted into side of the transmitter.

Do not place the monitor in direct sunlight, or let it come in direct contact with moisture or hot surfaces.

Do not use the pre-programmed thermometer in a microwave oven.

Do not submerge the probe wire or plug in water. Moisture inside the probe's plug or the thermometer might cause an incorrect temperature reading! Always wipe the probe's plug before plugging into the transmitter.

Do not expose probe or probe wire to open flames or barbecue. Doing so can deteriorate the probe.

WARNING

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void user's warranty.

Don't expose probe or probe wire to open flames or barbecue.

Four probes can test four different meats at the same time.

Use the metal holder to support the probe when in use on a BBQ.

If using the probe lower than -20°C (-4.7°F) it will display "LLL".

If using the probe higher than 300°C (572°F) it will display "HHH".

80

270

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.