



ET-902WS TALKING KITCHEN REMOTE THERMOMETER

MODEL: MAV210

INSTRUCTION MANUAL

Congratulations on your purchase of the ET-902WS Talking Kitchen Remote Thermometer, a programmable radio frequency food thermometer. You will now be able to remotely monitor the time and temperature of food cooking in the oven or outdoors from anywhere in your home. The talking function is a voice prompt to alert the user while the temperature is within 10°F range of the target temperature or the temperature reaches the target temperature.

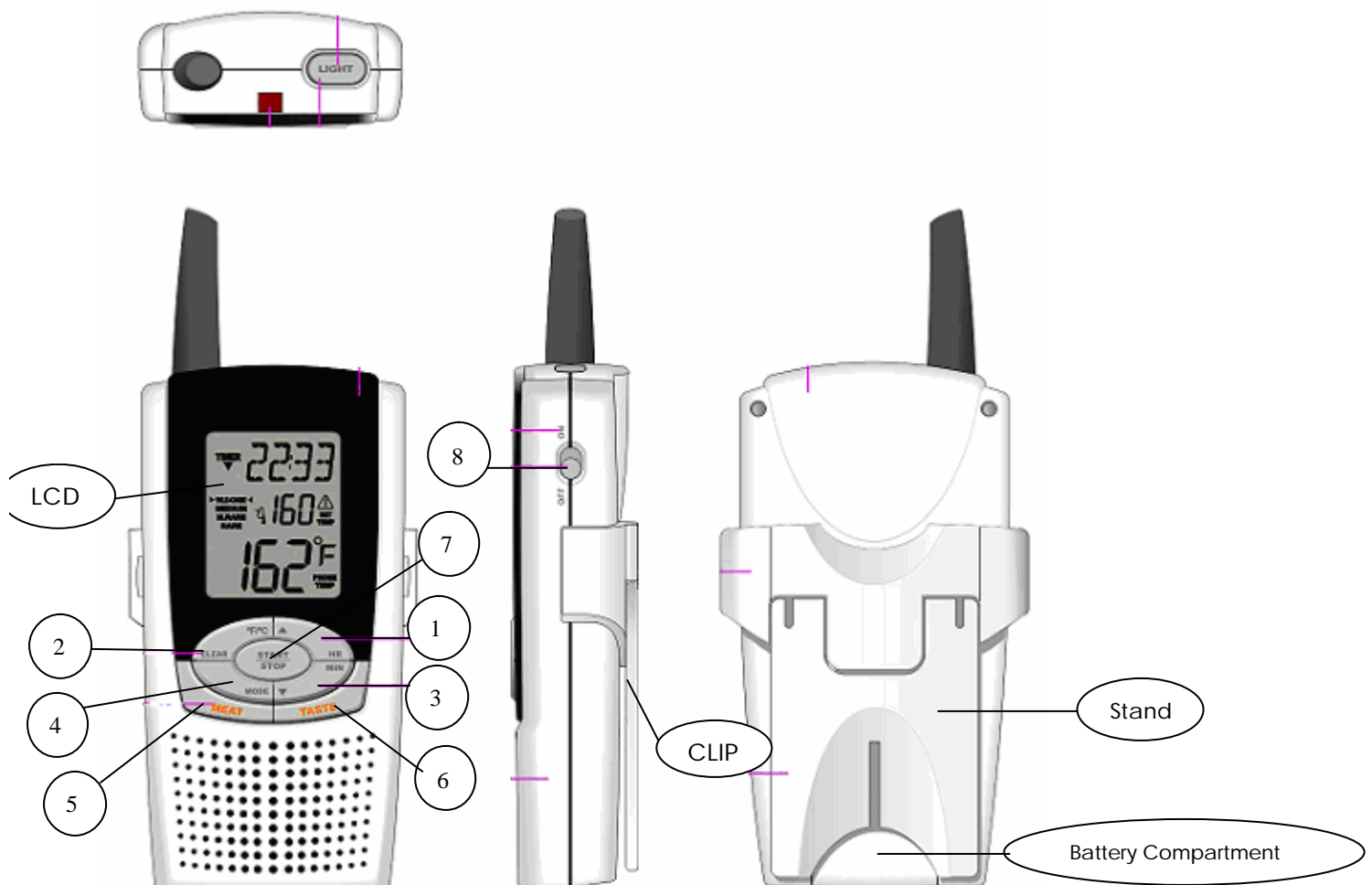
Receiver Features

LCD (Liquid Crystal Display) - Displays all icons, temperature and time. See LCD diagram for detailed information.

CLIP - Removable clip allows you to be mobile. Clip the receiver unit to belt.

BATTERY COMPARTMENT - Holds 2 AAA batteries.

STAND - Swings out and allows you to stand the receiver on tabletop.





Description of buttons

1. [HR/?]

In timer mode, press to set hour. Press & hold for 2 seconds, the hours will increase 10 hours per second. In thermometer mode, press to increase the temperature value. Press & hold for 2 seconds, the temperature value will increase 10 degrees per second.

2. [CLEAR/°F/°C]

When the timer count down or count up process is stopped, press to clear the timer reading. In thermometer mode, press to select temperature readings in Celsius or Fahrenheit.

3. [MIN/?]

In timer mode, press to set minutes. Press & hold for 2 seconds, the minutes will increase 10 minutes per second. In thermometer mode, press to decrease the temperature value. Press & hold for 2 seconds, the temperature value will decrease 10 degrees per second.

4. [MODE]

Press to select thermometer or timer mode. Press & hold for 2 seconds to register with the transmitter.

5. [MEAT]

In thermometer mode, press to select meat type, BEEF, VEAL, LAMB, PORK, CHICK (chicken) or TURKEY (turkey).

6. [TASTE]

In thermometer mode, select the taste level, W.DONE (well done), MEDIUM, M. RARE (medium rare) or RARE.

7. [START/STOP]

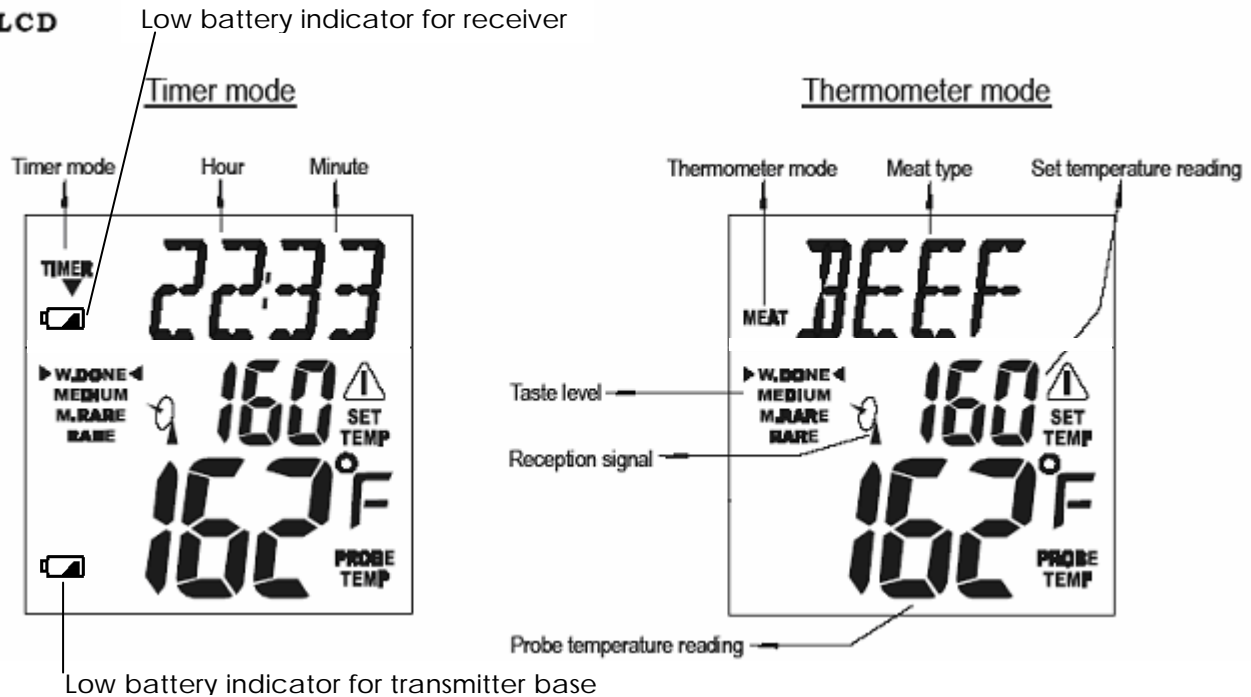
Press to start or stop the timer countdown or count up.

8. [ON/OFF]

On normal operation with full function. Off turns receiver off.



LCD



In thermometer mode, the main unit displays the food temperature measured by the remote sensor and prompts the user about the cooking level.

The user firstly selects a food type (e.g. Turkey) and a cooking level (e.g. Well done). The main display unit will automatically set the target temperature (170 °F).

When the food temperature is within 10°F of the target temperature (e.g. 160°F), the main unit will beep twice and voice prompt; " Your food is almost ready". The unit will repeat the above two beeps and the voice after 4 seconds silence.

When the food temperature reaches the target temperature, the main unit will beep 3 times and voice prompt; "Your food is ready"; The unit will repeat the above three beeps and the voice at 30 second interval for 10 minutes. The alert icon will blink simultaneously. The user can press [STOP] button to stop the voice.

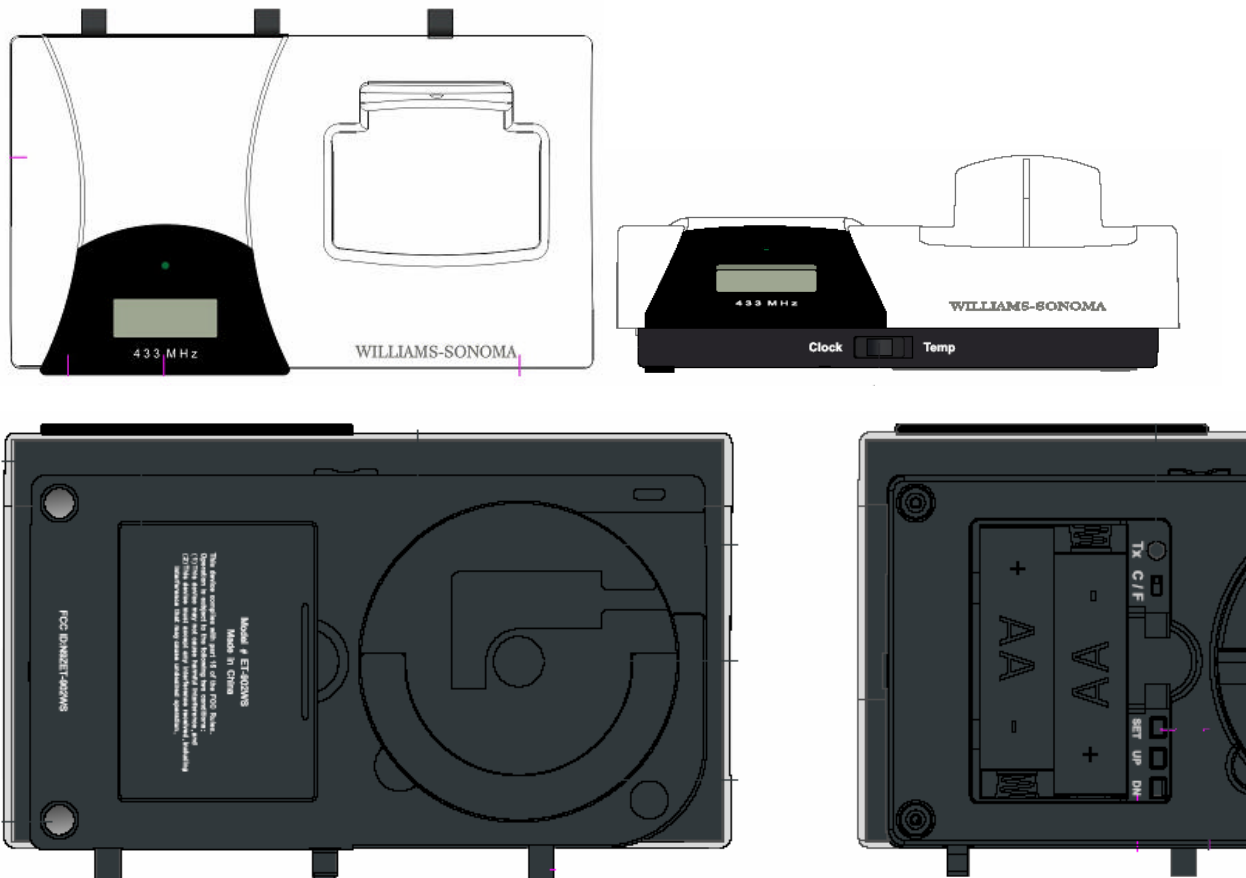
When unit has not received any valid data from the linked transmitter base for more than 1 minute, the RED LED will blink at 1Hz and the speaker beep once every 3 seconds to prompt the user for a RF loss link. In order to re-link up the transmitter and the receiver, the user must get the transmitter base close to the receiver and make sure not iron obstacle between them to block the RF signal.

Displayed food temperature range: -10°C to +250°C (+14°F to +482°F)

Displayed temperature resolution : 1°C (2°F)



Transmitter Features



BATTERY COMPARTMENT – holds 2 AA batteries.

S1–plug in for stainless steel probe sensor

Putting the receiver inside the transmitter base

If you do not want to monitor your food remotely the unit can be used with the receiver docked inside the transmitter base.

The receiver can be placed inside the transmitter base by locating the slot on the bottom of the receiver with the tab of the transmitter base and allowing the receiver to tilt back. Do not force the receiver onto the tab.

Your unit should be stored this way when not in use.

Description of buttons

1. CLOCK/TEMP – Slide switch to set the transmitter base to clock mode or cooking temperature mode. For battery power saving, keep the switch in clock position to display a clock time while the transmitter is not in use to monitor the cooking temperature.
2. TX – transmit manually, terminates the auto registration process. Press and hold for 2 seconds to register the radio frequency with the receiver.
3. SET – In clock time display mode, press and hold [SET] for 2 seconds to enter clock setting mode
4. UP – Increase the Hour or Minute in clock setting mode



5. DOWN – Decrease the Hour or Minute in clock setting mode
6. Slide switch to C or F position to select temperature reading in Celsius or Fahrenheit

Set the clock time

1. Press & hold [SET] button for 2 seconds to enter clock setting mode.
2. The hour digits will flash. Use the [UP] button to increase by one hour or [DOWN] button to decrease by one hour to your desired hours. Holding down either button will change the increment unit rapidly. Press [SET] button to confirm.
3. The minute digits will flash. Use the [UP] button or [DOWN] button to set your desired minutes. Holding down either button will change the increment unit rapidly. Press [SET] button to confirm.

Registration Procedures

Open the battery compartment of receiver and insert the two “AAA” batteries. Remove the battery door of the transmitter and insert the two “AA” batteries.

The Remote Thermometer needs the receiver to register the radio frequency signal from the transmitter.

Battery installation for the transmitter.

1. Plug the stainless steel probe sensor into the plug in of the transmitter.
2. Turn the receiver on by sliding switch the [On/Off] switch from OFF to ON.
3. Insert 2 AA size 1.5V alkaline batteries into the transmitter according to battery polarity mark.
This needs to be done **within 60 seconds** of turning on the receiver in order for the receiver to register the signal from the transmitter. If it doesn't beep within 5-10 seconds, press and hold [TX] button inside the battery compartment of the transmitter for 2 seconds.
4. Registration is complete when the unit beeps and the probe temperature appears where the “---” was flashing.

Receiver is off and transmitter is on.

1. Plug the stainless steel probe sensor into the plug in of the transmitter.
2. Turn the receiver on by sliding the [On/Off] switch from OFF to ON.
3. Press and hold [TX] button in the transmitter for 2 seconds. This needs to be done **within 60 seconds** of turning on the receiver in order for the receiver to register the signal from the transmitter. Once [TX] is released it will take several seconds for the receiver to register. If it doesn't beep within 5-10 seconds press and hold [TX] again.
4. Registration is complete when the unit beeps and the probe temperature appears where the “---” was flashing.

HELPFUL HINTS

If the receiver and/or the transmitter display LLL or HHH instead of the probe temperature, wait for probe to reach room temperature. If LLL or HHH is still displayed it is likely the internal probe wire has



shorted out either through moisture or heat damage.

Do not immerse the probe in water while cleaning.

Do not allow the probe or probe wire to come into contact with flames. If cooking with grill cover closed, only use medium or low heat.

Make sure the probe tip is inserted into the meat at least 1 inch.

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 to outside. Reposition the probe tip in the center of the thickest part of food. Avoid touching bone or heavy fat areas.

Cautions:

Always wear a heat resistant glove to touch the stainless steel probe sensor or wire during or just after cooking. Do not touch with bare hands.

Keep the stainless steel probe sensor and wire away from children.

Clean the stainless steel probe and dry thoroughly after each and every use.

Do not use the receiver in the rain, It is not waterproof.

Do not expose the plug of the stainless steel probe or the plug in hole of the transmitter to water or any liquid. This will result in a bad connection and faulty readings.

Do not expose the receiver or transmitter to direct heat or surface.

Do not use stainless steel probe in microwave oven.

The Remote Thermometer registers temperatures as low as 14°F (-10°C) and as high 410°F (210°C). LLL will be displayed below 14°F and HHH will be displayed above 410°F. Do not use the stainless steel probe sensor above 410°F.

Doing so will deteriorate the wire.

Cleaning

Always wear a heat resistant glove to touch the stainless steel probe sensor or wire during or just after cooking. Do not touch with bare hands.

Keep the stainless steel probe sensor and wire away from children.

Wash the metal probe tip with hot soapy water and dry thoroughly. Do not immerse the probe in water while cleaning.

Wipe the transmitter and receiver with damp cloth. Do not immerse either in water.

Information to user

"Modifications not authorized by the manufacturer may void users authority to operate this device"

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.

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.