INSTRUCTION MANUAL MAVERICK INDUSTRIES, INC. MODEL XR-40
EXTENDED RANGE WIRELESS BBQ & MEAT THERMOMETER

Introduction
Congratulations on your purchase of the MAVERICK INDUSTRIES, INC. MODEL XR-40 EXTENDED RANGE WIRELESS BBQ & MEAT THERMOMETER, a programmable radio frequency food thermometer. You will now be able to remotely monitor the temperature of grilling food and the temperature inside your grill from anywhere in your home.

Components
1. Receiver unit
2. Transmitter unit
3. Two detachable stainless steel probes to be used for both Food and BBQ
4. AAA batteries
5. Instruction manual
6. Quick Start Guide

Receiver Features
- LCD (Liquid Crystal Display) – Displays all icons and temperatures.
- BATTERY COMPARTMENT – Holds 2 AAA batteries.
- WIRE STAND – Allows you to stand the transmitter on tabletop or it can be reversed and used as a hanger.
- BATTERY COMPARTMENT – Holds 2 AAA batteries.
- LCD (Liquid Crystal Display) – Displays temperature of both probe 1 and probe 2.
- WIRE STAND – Allows you to stand the transmitter on tabletop.

Buttons
- PROBE – In SET mode press to change between Probe 1 and Probe 2.
- MEAT/TASTE – Press to select MEAT to be monitored for specific probe and once MEAT is selected press to change between 15 preprogrammed meats and then the doneness level for each.
- BBQ – Press to select BBQ to be monitored for specific probe.
- UP and DOWN – In SET mode pressing will raise or lower the target temperatures for both MEAT & BBQ high temperatures and BBQ low temperature. Pressing and holding either for 2 seconds will fast raise or lower the target temperatures.

In normal mode pressing the DOWN for 2 seconds will start the RF re-sync of the receiver.
- POWER/LIGHT – Press and hold for 2 seconds to turn the receiver on or off. The LCD will be in power saving mode. Press any button to turn on the bright orange LCD for 8 seconds. Press the LIGHT/POWER button to keep the bright orange LCD on all the time. Press again to turn off the bright LCD and return to power saving mode.
- ALARM/°C /°F – Press to turn ON/OFF the alarm. Press and hold for 2 seconds to switch between °C and °F display.
- SET – Press and hold for 2 seconds to enter SET mode. In SET mode press quick to lock the parameter and move to the next. In SET mode press and hold for 2 seconds to exit the SET mode.

Receiver LCD

The receiver LCD is separated into 3 fields.
- The Upper field displays the Probe #1 or 2, the Mode BARBECUE or FOOD and if in the FOOD mode the MEAT and TASTE.
- The Middle field displays the SET temperature and the actual temperature for Probe 1.
- The Bottom field displays the SET temperature and the actual temperature for Probe 2.

Transmitter Features
- LCD (Liquid Crystal Display) – Displays temperature of both probe 1 and probe 2. It will automatically switch between probe 1 and probe 2 displays.
- WIRE STAND – Allows you to stand the transmitter on tabletop.

Buttons
- Re-sync – Transmits manually, terminates the auto registration process. Press and hold for 2 seconds to register the radio frequency with the receiver.
- Power – Press and hold for 2 seconds to turn ON/OFF the transmitter.

Installing batteries
Open the battery compartment of the transmitter and insert two “AAA” batteries with correct polarity. Open the battery compartment by removing the two small screws and insert two “AAA” batteries with correct polarity.

Registering Receiver & Transmitter
The transmitter and receiver are registered as a pair at the factory, our new Insta-Sync Technology, and should not require registration even when the batteries are replaced.

1. Plug the stainless steel probe sensors into the plug in of the transmitter.

Remarks:
According to FCC Part 15.231(e) rule, the RESYNC button can be activated once every 12 seconds automatically in 12 seconds, otherwise, press any key on receiver shall re-sync the transmitter again.

You can monitor 2 things at once and you select what you monitor: 1 Food and 1 Barbecue or 2 Foods or 2 Barbecues.

Food or Barbecue Mode selection
Press and hold the SET button for 2 seconds. The Probe # will flash in the upper left hand corner, either (1) or (2). It will continue to flash until you press another button.

Press MEAT/TASTE if you want to monitor a food or press BBQ if you want to monitor a BBQ.

If FOOD is selected a Meat (Example: BEEF) will appear in the upper LCD field and a HI SET temperature will flash. If BBQ is selected the upper LCD field will be empty. HI SET and LO SET temperatures will appear in the middle field if probe 1 or in the bottom field if probe 2.

Food selection
Press MEAT/TASTE to select Food mode. The MEAT and HI SET temperature will flash.

From this point you can select a MEAT, select a TASTE (doneness) and you can modify the TASTE set temperature to your own personal settings.

Press MEAT/TASTE and you will scroll through the 15 pre-programmed meats BEEF, VEAL, LAMB, PORK, CHICKEN, TURKEY, DEER, ELK, MOOSE, BUFFALO, RABBIT, BOAR, DUCK and BIRD.

Press SET to lock the MEAT selection. Press the UP or DOWN arrow to also lock the TASTE selection.

Press MEAT/TASTE to select the USDA doneness level. Press SET to lock it. The FOOD temperature range is 32 °F - 572 °F.
**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 or you get a false temperature, squeeze the probe jaws harder into the transmitter and twist them back and forth so they make good contact. If the problem still persists 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.

Within the warranty period, return defective probe to address below along with return address and we will send you a replacement probe at no charge.

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:**

1. Always wear a heat resistant glove to touch the stainless steel probe sensors or wires during or just after cooking. Do not touch with bare hands.
2. Keep the stainless steel probe sensors and wires away from children.
3. Clean the stainless steel probes and dry thoroughly after each and every use.
4. Do not use the receiver in the rain. It is NOT rain proof. The transmitter is rain proof but not water tight. Do not immerse in water.
5. Do not expose the plugs of the stainless steel probes or the plug holes of the transmitter to water or any liquid. This will result in a bad connecting and faulty readings.
6. Do not expose the receiver or transmitter to direct heat or surface.
7. Do not use stainless steel probes in microwave oven.
8. The Barbecue Thermometer registers temperatures as low as 32°F (0°C) and as high as 572°F (300°C); LLL will be displayed below 32°F and HHH will be displayed above 572°F. Do not use the stainless steel probe sensor above 572°F. Doing so will deteriorate the wire.

**Cleaning**

1. Always wear a heat resistant glove to touch the stainless steel probe sensors or wires during or just after cooking. Do not touch with bare hands.
2. Keep the stainless steel probe sensors and wires away from children.
3. Wash the metal probe tips with hot soapy water and dry thoroughly. Do not immerse the probe in water while cleaning.
4. Wipe the transmitter and receiver with damp cloth. Do not immerse either in water.

**Information to user**

Wiring Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the users 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.

**One Year WARRANTY**

Maverick Industries Inc. warrants the MODEL XR-40 EXTENDED RANGE WIRELESS BBQ & MEAT THERMOMETER 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 Maverick Customer Service by email or mail for instructions on how to pack and ship the MODEL XR-40 EXTENDED RANGE WIRELESS BBQ & MEAT THERMOMETER to Maverick’s National Service Center located as follows:

Maverick Customer Service
94 Mayfield Ave.
Edison NJ 08837
Telephone: (732) 417-9666
email: help@maverickhousewares.com

Do not send any parts or product to Maverick without obtaining a Return Authorization Number and instructions. This warranty is VOID if instructions for use are not followed; for accidental damage; for commercial use; for damage incurred while in transit; or if the MODEL XR-40 EXTENDED RANGE WIRELESS BBQ & MEAT THERMOMETER has been tampered with.

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

**Replacement Probes**

To purchase, out of warranty, stainless steel replacement probes please mail us a check to the address below and specify probe type:

**PR-022** 6 ft Hybrid Probe $20.00/ea
Set of 2 6 ft Hybrid probes $33.00/set

All prices include shipping & handling. NJ residents add 7% sales tax.

**Altn Customer Service**

Maverick Industries, Inc.