Thank you for selecting the CharBroil™ Wireless Multi-Sensor Meat Thermometer. Please keep this manual for operation instructions and future reference.

OVERVIEW

FRONT VIEW

1. **POWER**: Power ON / OFF - Backlight ON / OFF
2. **MEAT**: Select meat type
3. **PROBE / CF**: Select probe tip or cold spot / change between °C and °F
4. **TASTE**: Set Target Temperature
5. **START / STOP**: Timer Start/Stop
6. **MIN / UP**: Timer Minutes / Scroll Up
7. **SEC/ DOWN**: Timer Seconds / Scroll Down
8. **CLEAR / ALARM**: Clear entry / Alarm Silence

BACK VIEW

1. Removable Belt Clip
2. Battery Compartment
3. Transmitter ON/OFF
4. Transmitter Jack

LCD SCREEN

1. Meat Type
2. Target Temperature
3. Countdown Timer
4. Remaining Time
5. Alarm ON icon
6. Sensor selection Icon
7. Current temperature

TRANSMITTER AND PROBE

1. Battery Compartment
2. Connector jack for probe
3. **POWER**: ON / OFF

GETTING STARTED

**BATTERIES**
Insert the batteries as shown, taking care to match the polarities (+ / -). Insert batteries into both receiver and transmitter.

**TRANSMITTER DATA TRANSMISSION**
Place the transmitter within 100 Feet of the handheld unit.

**OPERATION**

**CAUTION**
The probe is a sharp metal object, and will become hot during cooking. Take care when handling.

1. Plug the probe connector to the transmitter jack.
2. Insert tip of the probe into the center of the meat, taking care to open flames.
3. The probe contains 5 separate sensors spaced along the probe beginning at the tip. If utilizing the "Cold Spot" function, make sure probe is fully inserted up to the "Cold Spot" mark indicated on the probe.
4. Press the **POWER** button on both transmitter and handheld receiver.
5. Press the **MEAT** button on handheld receiver to select the type of meat that you are cooking. Each press of the button will cycle through the selections. BEEF - LAMB - PORK - POULTRY (PLTRY) - GROUND BEEF/LAMB (HMBGR) - OTHER
6. Press the **TASTE** button on handheld receiver to select the doneness of meat that you desire. Each press of the button will cycle through the selections. RARE - MED. RARE - MED - MED. WELL - WELL
7. Set the **Min** or **Sec** button on handheld receiver to select the desired cooking time.
8. **NOTE** - if you hold the button for more than 10 seconds, the digits will increase/decrease rapidly. To reset the time, press the **CLEAR** button.
9. Set the **Alarm** on handheld receiver for 3 seconds to select **Alarm ON** or **OFF**. The **alarm** icon will display when the alarm is active. Once the food has reached the target temperature, the **alarm** will flash and an alarm beep will sound.
10. **Set the Probe Mode**.
    **Probe Function**: The display can be set to "Tip" or "Coldspot". To use the probe in "TIP" mode, press the "**PROBE**" button until "Tip" shows in the display. This function will display the temperature sensed by the Tip sensor of the probe. Press the "**PROBE**" button again to switch to the "Coldspot" function. This function will scan each of the sensors in the probe and display the coldest reading.
MANUALLY SET TARGET TEMPERATURE
1. Insert probe into the meat as described in “OPERATION” section.
2. Press and hold MODE to select manual target temperature mode. When in this mode, the meat icons will disappear.
3. Press MEAT / UP and COOK / DOWN to select your desired temperature.
5. The cooking alerts will sound as described above.
6. Press any button to silence the alert.
NOTE Press and hold MODE to return to automatic target temperature mode.

ALARMS INDICATIONS
1. Once the meat probe has reached the desired internal temperature, a loud beeping alarm will sound and the symbol will flash. The audible signal will be two beeps with one second of silence between beeps.
2. Press “STOP” to silence the alarm signal. Note that the symbol will continue to flash unless current temperature is below target temperature. The Alarm signal will silence itself after 30 seconds if the STOP button is not pressed.
3. If the current temperature falls below the target temperature, the alarm will silence itself.

CLOCK-UP / COUNTDOWN TIMER
The count-up and countdown timers operate independently of the temperature probe sensors.
To set a count-up timer:
If no countdown time is set the timer will act as a count up timer.
1. Press START / STOP to begin.
2. Press START / STOP again to pause.
3. Once paused, press CLEAR to reset to zero.
4. Once a countdown has finished, the will beep 4 times repeatedly until you press the STOP button. The timer display will also flash. The alert will silence itself after 30 seconds.

NOTE The countdown timer will count up to 23:59.59 sec.

To set a countdown time:
Use MIN and SEC to set the countdown time.
1. Press START / STOP to begin.
2. Press START / STOP again to pause.
3. Once paused, press CLEAR to reset to zero.
4. Once a countdown has finished, the will beep 4 times repeatedly until you press the STOP button. The timer display will also flash. The alert will silence itself after 30 seconds.

AFTER COOKING
• Once cooking is finished, remove the probe using an oven mitt.
• Clean the probe with water and a mild detergent.
To clean the main unit and sensor, wipe with a damp cloth.
NOTE: Do not clean the probe in a dishwasher or immerse the main unit or sensor in water.

TEMPERATURE UNITS
Press C / F to select the preferred temperature units.
NOTE When the probe temperature exceeds the maximum display temperature (310°C / 650°F) the LCD will show ‘HHH’. When the probe temperature is below the minimum display temperature (-10°C / 14°F) the LCD will show ‘LLL’.

BACKLIGHT
Press the Power button to illuminate the screen for 10 seconds.

PRECAUTIONS
• Do not subject the unit to excessive force, shock, dust, temperature or humidity.
• Do not cover the ventilation holes with any items such as newspapers, curtains etc.
• Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
• Do not clean the unit with abrasive or corrosive materials.
• Do not attempt to service this unit. There are no user serviceable components.
• Only use fresh batteries. Do not mix new and old batteries.
• Properly dispose of old batteries. Be sure to Recycle old batteries.
• Do not place unit in dishwasher.

NOTE The technical specifications for this product and the contents of the user manual are subject to change without notice.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HANDHELD RECEIVER UNIT</td>
<td></td>
</tr>
<tr>
<td>L x W x H</td>
<td>120 x 60 x 26.5 mm</td>
</tr>
<tr>
<td>(4.72 x 2.36 x 1.04 in)</td>
<td></td>
</tr>
<tr>
<td>Weight (without batteries)</td>
<td>75g (2.6 oz)</td>
</tr>
<tr>
<td>Temperature unit</td>
<td>°C / °F</td>
</tr>
<tr>
<td>Temperature Accuracy</td>
<td>1.6°C (3°F) in the range (70°F - 210°F)</td>
</tr>
<tr>
<td>Display temperature range</td>
<td>-10°C - 321°C</td>
</tr>
<tr>
<td>(14°F - 610°F)</td>
<td></td>
</tr>
<tr>
<td>Signal frequency</td>
<td>915 MHz</td>
</tr>
<tr>
<td>Power</td>
<td>2 x UM-4 AAA 1.5 V batteries</td>
</tr>
<tr>
<td>BASE TRANSMITTER UNIT</td>
<td></td>
</tr>
<tr>
<td>L x W x H</td>
<td>70 x 91 x 56 mm</td>
</tr>
<tr>
<td>(2.7 x 3.6 x 2.2 in)</td>
<td></td>
</tr>
<tr>
<td>Weight (without batteries)</td>
<td>50 g (1.75 oz)</td>
</tr>
<tr>
<td>Transmission range</td>
<td>33 m (100 ft) unobstructed</td>
</tr>
<tr>
<td>Power</td>
<td>2 x UM-4 AAA 1.5 V batteries</td>
</tr>
</tbody>
</table>

FCC STATEMENT
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 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 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.

DECLARATION OF CONFORMITY
The following information is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.charbroil.com, for all inquiries.)

We
Name: Charbroil, llc
Address: 1442 Belfast Avenue
Columbus, Ga 31902 USA
Telephone No.: 1-800-241-7548

declare that the product
Product No.: 488563
Product Name: Wireless Multi-Sensor Thermometer
Manufacturer: SunYan
Address: NO. 2, 7th South Street, QingGong Road 3
FoShan City, GuangDong, P.R. China
is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation.