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› ThermoPro TempSpike XR 915MHz Signal Amplifier Instruction Manual

ThermoPro TempSpike XR

ThermoPro TempSpike XR 915MHz Signal Amplifier

INSTRUCTION MANUAL



Image: Front view of the ThermoPro TempSpike XR Signal Amplifier, showing the power button, battery indicator, and signal indicator.

1. Introduction

The ThermoPro TempSpike XR 915MHz Signal Amplifier is an accessory designed to extend the wireless range of your compatible ThermoPro TempSpike XR wireless meat thermometer system. This amplifier enhances signal stability and transmission distance between the meat probes and the receiver, allowing for more flexible monitoring during cooking. It features robust RF technology, IPX6 waterproofing, a rechargeable battery, and an automatic power-off function for energy conservation.

SMART SIGNAL BOOSTER

Only for **TempSpike XR**

1000^{FT}

Up to 1000FT
Range Extender



IPX6
Waterproof



Hang Hole
Magnetic Back



Auto
Shut-off



Image: Diagram highlighting key features: Up to 1000ft Range Extender, IPX6 Waterproof, Hang Hole, Magnetic Back, and Auto Shut-off.

2. Setup

2.1 What's in the Box

- ThermoPro TempSpike XR Signal Amplifier
- USB Type-C Charging Cable

- Built-in Lithium Ion Battery

2.2 Charging the Amplifier

Before initial use, fully charge the signal amplifier. Connect the provided USB Type-C cable to the charging port on the amplifier and plug the other end into a standard USB power adapter (not included). The battery indicator LED will show charging status. A full charge provides approximately 40 hours or more of operation.

POWER-SAVING DESIGN

Booster Battery Life: 40 hours or more

Auto-off: Shuts off after 40 minutes of inactivity



Image: Illustration of the TempSpike XR Signal Amplifier connected to a power source via a USB-C cable for charging.

2.3 Compatibility and Connection

This signal amplifier is designed exclusively for use with the ThermoPro TempSpike XR wireless meat thermometer system (ASIN: B0CRY9V6LL). It cannot be used as a standalone device. The amplifier automatically connects to your TempSpike XR probes and receiver when powered on and within range, extending the overall signal path.

3. Operating Instructions

3.1 Power On/Off

- To power on: Press and hold the power button for approximately 3 seconds.
- To power off: Press and hold the power button for approximately 3 seconds.

3.2 Signal Indicator

The signal indicator LED provides visual feedback on the connection status:

- **Flashes Green:** Indicates that the amplifier is receiving a signal from the TempSpike XR probe. This occurs every four seconds.
- **Flashes Red:** Indicates that no signal is being received from the TempSpike XR probe. This occurs every four seconds.

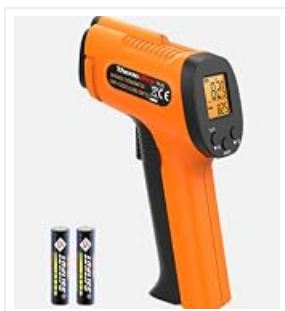


Image: Close-up of the signal amplifier showing the green and red signal indicator lights and their meanings.

3.3 Optimal Placement for Range Extension

For maximum range and signal stability, position the signal amplifier between your TempSpike XR probes (in the smoker/grill) and the TempSpike XR receiver. The amplifier can extend the range from the probes by up to 1000 feet in open air. When combined with the receiver, the total range can reach up to 2000 feet. Note that signal range may be reduced when the grill lid is closed (approximately 90 feet from probes to booster).

EXTEND 1000 FEET REMOTE RANGE

Up to **2000FT** with Receiver



Image: A visual representation of the signal amplifier extending the range between the meat probes and the receiver, illustrating a 1000ft extension.

3.4 Automatic Power-Off

To conserve battery life, the amplifier will automatically shut off after 40 minutes of not receiving any signal from the probes.

4. Maintenance

4.1 Cleaning

Wipe the amplifier clean with a damp cloth. Do not use abrasive cleaners or immerse the device in water.

4.2 Water Resistance

The amplifier has an IPX6 waterproof rating, meaning it is protected against powerful water jets. It is resistant to splashes and rain but should not be submerged in water.



Image: A hand holding the signal amplifier under a running faucet, demonstrating its IPX6 water resistance.

4.3 Storage Options

The amplifier is designed with two convenient storage options:

- **Hang Hole:** A built-in hole allows you to hang the device on a hook.
- **Built-in Magnet:** A strong magnet on the back allows for attachment to metallic surfaces, such as a grill or refrigerator.

2 STORAGE OPTIONS



 Hang Hole



 Built-in Magnet



Image: Two panels showing the signal amplifier being hung from a hook and attached to a refrigerator via its built-in magnet.

5. Troubleshooting

- **No Signal or Weak Signal:**

- Ensure the amplifier is fully charged.
- Verify that the TempSpike XR probes and receiver are powered on and functioning correctly.
- Adjust the placement of the amplifier to be directly between the probes and the receiver, minimizing obstructions.
- Confirm that the amplifier is compatible with your specific TempSpike XR system (ASIN: B0CRY9V6LL).

- **Amplifier Not Charging:**

- Check the USB Type-C cable for damage and ensure it is securely connected to both the amplifier and the power source.

- Try a different USB power adapter or port.

6. Specifications

Brand	ThermoPro
Model Name	TempSpike XR
Connectivity Technology	RF technology (915MHz)
Waterproof Rating	IPX6
Battery Life	40+ hours
Power Source	Battery Powered (1 Lithium Ion battery, included)
Auto Power-Off	After 40 minutes of inactivity
Item Length	2.91 Inches
Item Weight	3.17 ounces
Outer Material	Plastic
Special Feature	Low Battery Indicator

7. Warranty Information

For detailed warranty information regarding your ThermoPro TempSpike XR Signal Amplifier, please refer to the official ThermoPro website or the warranty card included with your original TempSpike XR thermometer system. Warranty terms typically cover manufacturing defects.

8. Support

If you encounter any issues or have questions about your ThermoPro TempSpike XR Signal Amplifier, please contact ThermoPro Customer Support. Contact details can typically be found on the official ThermoPro website or in the documentation provided with your product.

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