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weBoost 470166

weBoost Home Studio Cell Phone Signal Booster

Model: 470166 | Brand: weBoost

1. Introduction

The weBoost Home Studio Cell Phone Signal Booster is designed to eliminate cellular dead zones within your home, providing a stronger, more reliable signal for 4G LTE and 5G networks. This system is FCC and carrier approved, ensuring compatibility with all major U.S. and Canadian networks, including Verizon, T-Mobile, AT&T, Dish, and US Cellular.

This booster kit is ideal for improving cellular coverage in a single room, covering an area of up to 3000 square feet. It is engineered for easy, do-it-yourself installation, allowing you to enhance your mobile experience with fewer dropped calls, faster data speeds, and improved streaming performance.



Image: The weBoost Home Studio Cell Phone Signal Booster, its packaging, and main components.

2. What's in the Box

Your weBoost Home Studio kit includes all necessary components for installation and operation:

- Home Studio booster
- Outside directional antenna
- Inside booster antenna
- Power supply
- (2) 30' low-loss cables
- Outside antenna mounting bracket
- Barrel connector

Easy installation. **OUTSIDE ANTENNA** 8.9 in 3.875 in 6.125 in **BOOSTER BOOSTER ANTENNA** MOUNTING **HARDWARE** (2) 30' COAX **POWER SUPPLY** BARREL **CABLES (950630)** (850027)CONNECTOR

Image: All components included in the weBoost Home Studio kit, with some dimensions indicated.

3. SETUP AND INSTALLATION

The weBoost Home Studio is designed for straightforward installation. For the best results, it is recommended to use the weBoost App, which provides step-by-step video guides, an antenna positioning guide, and allows you to take before and after cell signal readings.

3.1. Test Your Signal

Before installation, step outside and ensure you have at least one bar of signal on your phone. The effectiveness of any booster depends on the strength of the outside cell signal. A booster amplifies existing signal; it does not create it.



Image: The weBoost app displaying signal strength information, guiding the user to test their signal.

3.2. Outside Antenna Placement

The outside directional antenna communicates with nearby cell towers. It should be mounted in a location where it can receive the strongest possible signal, typically on the roof or an exterior wall, facing the nearest cell tower.

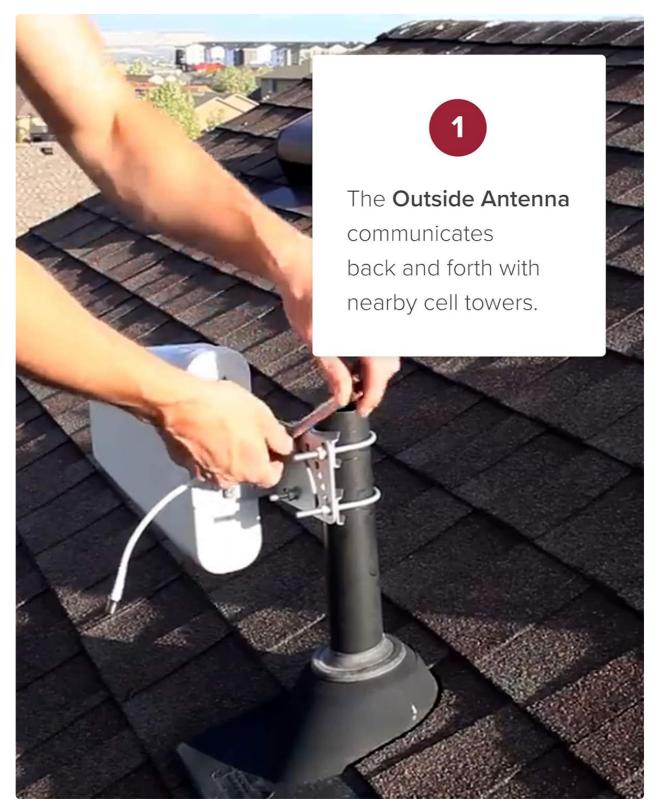


Image: A person installing the outside directional antenna on a roof, securing it with mounting hardware.

3.3. Booster and Inside Antenna Placement

The booster amplifies the signals received by the outside antenna and broadcasts them throughout your designated room. The inside booster antenna should be placed within the room where you need improved signal, ensuring it is not too close to the outside antenna to prevent oscillation.

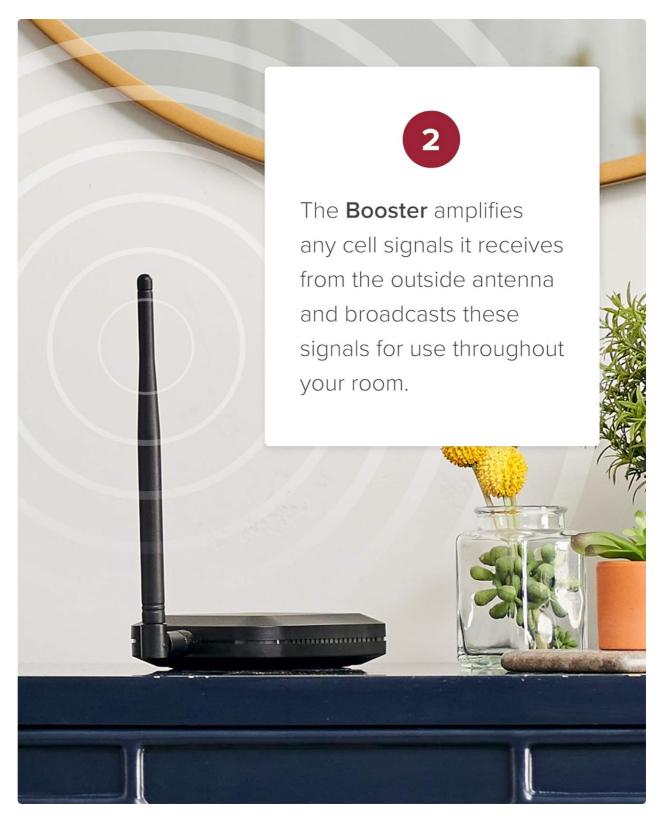


Image: The weBoost Home Studio booster unit with its whip antenna, placed on a surface indoors.

3.4. Cable Connection and Power

Connect the low-loss cables from the outside antenna to the booster, and from the booster to the inside antenna. Finally, connect the power supply to the booster and plug it into a standard electrical outlet. The booster will power on and begin to amplify the signal.



Image: A diagram illustrating the signal flow from the cell tower to the outside antenna, through the booster, and to the inside antenna within a home.

4. OPERATION

Once properly installed and powered on, the weBoost Home Studio operates automatically. It continuously monitors and amplifies the cellular signals from nearby towers, rebroadcasting them within the coverage area. Your mobile devices will automatically connect to the stronger signal provided by the booster.

The system is designed to work with all U.S. and Canadian networks and devices, ensuring broad compatibility.

Works on every U.S. network, on any carrier, on any device.

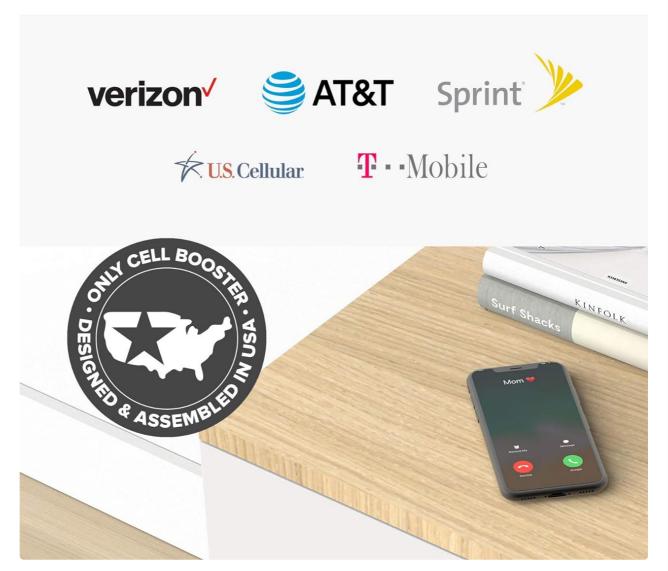


Image: Logos of various cellular carriers, emphasizing the booster's compatibility across different networks.

5. TROUBLESHOOTING

If you experience issues with your weBoost Home Studio, consider the following common troubleshooting steps:

- No Signal Improvement: Ensure the outside antenna is pointed towards the strongest signal source (nearest cell tower). Check all cable connections to ensure they are secure. Increase the separation distance between the outside and inside antennas.
- Flickering Lights on Booster: This may indicate oscillation (feedback loop). Increase the distance between the inside and outside antennas, or adjust their orientation.

- **Power Issue:** Verify the power supply is securely connected to the booster and the wall outlet. Try a different outlet.
- **Limited Coverage Area:** Ensure the inside antenna is centrally located within the desired coverage area. The booster is designed for single-room coverage; larger areas may require a different model.

For more detailed troubleshooting or persistent issues, please refer to the support section or the full installation manual.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	13 x 7.25 x 8.5 inches
Item Weight	5.89 pounds
Model Number	470166
Connectivity Technologies	Generation 2
Wireless Communication Standard	Radio Frequency
Color	Whip Antenna
Manufacturer	Wilson Electronics
Date First Available	December 9, 2020

7. WARRANTY AND SUPPORT

weBoost products are backed by a **two-year warranty**, ensuring reliability and performance. We also offer a 30-day money-back guarantee.

Expert U.S. customer support is available to assist you with any questions or installation guidance. You can reach support through the weBoost App, chat, phone, or email.



U.S.-Based Customer Support

- \$ Try it **risk-free** with our **30-day** money-back guarantee.
- All products are covered by a 2-year warranty.

Image: Information on weBoost's U.S.-based customer support, 30-day money-back guarantee, and 2-year warranty.

Additional Resources

For a complete guide, download the official Installation Manual (PDF):weBoost Home Studio Installation Manual

Get help with installation using the weBoost App:

BUT FIRST, TEST YOUR SIGNAL.

Just step outside and make sure you have at least one bar on your phone.

The effectiveness of any booster depends on the strength of the outside cell signal.

A booster doesn't create cell signal. It picks up the outside cell signal (no matter how weak) and amplifies it.



Image: The weBoost app interface, highlighting features like step-by-step videos and customer support access.

8. FCC INFORMATION

The weBoost Home Studio Cell Phone Signal Booster is FCC approved, ensuring it meets all regulatory standards for safe and effective operation within the United States. This device complies with Part 15 of the FCC Rules.

The FCC ID for this product is PWO460066. You can locate the certification label on the underside of the booster unit.

How to locate proof of certification.

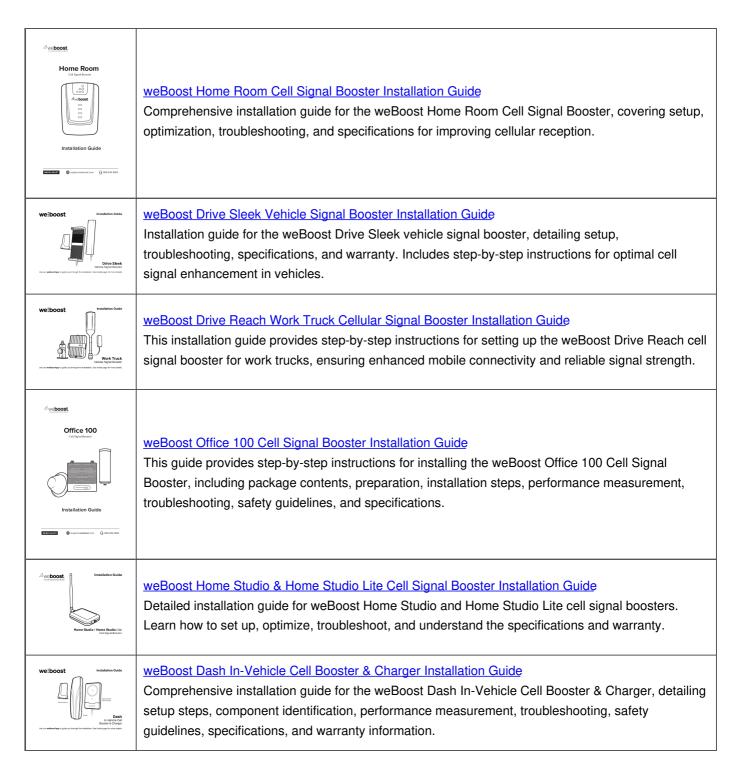


Image: A close-up view of the product label on the weBoost Home Studio, indicating the model number and FCC ID.

9. IMPORTANT SAFETY INFORMATION

- Use only the power supply provided with the kit.
- Do not operate the booster without all antennas properly connected.
- Keep the booster and antennas away from water and excessive heat.
- Ensure proper grounding for outdoor antenna installations as per local electrical codes.
- Any changes or modifications not expressly approved by weBoost could void the user's authority to operate this equipment.

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[pdf] Instructions Guide

Installation InstructionsWilson 474445 weBoost Installed Home Complete Cell Signal BoosterweBoost Comparison Product Guide Trifold Assembly Instructionscdn adiglobaldistribution us pim Original 10086 Instructions |||

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WEBOOST PRODUCTS SUPPORT THE LATEST IN 5G TECHNOLOGY. BOOST CELL SIGNAL WHERE YOU NEED IT MOST -- A ... more. Backed by a 2-year manufacturer s warranty and a 30-day money-back guarantee. HOME STUDIO 470166 Key Features Now, there s a more affordable way to boost cell signal in a home office, studi...

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Data Sheet weBoost Home Studio 470166 SignalBooster SheetweBoost for all Carriers 470166cdn shopify s files 1 1142 1404 $\mid\mid\mid$

Home Studio SKU: **470166** MAP: 349.99 FEATURES Boosts network speeds for multiple users and devices Improves cell signal strength and reliability in one large space Compact booster with attached antenna fits on a shelf Works with all U.S. carrier networks including Verizon, AT T, T-Mobile, and US...

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HOME STUDIO SKU: **470166** MAP: 349.99 FEATURES Boosts network speeds for multiple users and devices Improves cell signal strength and reliability in one large space Compact booster with attached antenna fits on a shelf Works with all U.S. carrier networks including Verizon, AT T, T-Mobile, and US...

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Boost cell signal where you need it most -- at home. The weBoost Home Studio is the newest booster f ... ore. Is backed by a 2-year manufacturer s warranty and a 30-day money-back guarantee. HOME STUDIO **470166** KEY FEATURES Home Studio is 5G ready and will continue to improve cell signal for the next ...

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weBoost Home Studio & Home Studio Lite Cell Signal Booster Installation Guide

Detailed installation guide for weBoost Home Studio and Home Studio Lite cell signal boosters. Learn how to set up, optimize, troubleshoot, and understand the specifications and warranty.

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Certificate of Conformance This product meets the requirements of the product specification. The pro ... s 311159 - 3dBi Dual Band Terminal Antenna w/ SMA Male Connector Product Model: 460066 Product SKU: **470166** Target Market: America Expiration Date: 9/17/2023 Wilson Electronics LLC QC Certified Stamp H... lang:en score:24 filesize: 161.79 K page_count: 1 document date: 2021-09-17



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