Amazboost eggreh-001

Amazboost Cell Phone Signal Booster User Manual

Model: eggreh-001

Brand: Amazboost

1. Introduction

The Amazboost Cell Phone Signal Booster is designed to enhance cellular signal strength within your home or office, providing improved voice quality, faster data speeds, and reduced dropped calls. This device supports 3G, 4G LTE, and 5G networks across various frequency bands (12, 13, 17, 5, 25, 2, 4), making it compatible with all major US carriers including Verizon, AT&T, Sprint, T-Mobile, and U.S. Cellular. This manual provides detailed instructions for proper installation, operation, and maintenance to ensure optimal performance.



The main Amazboost cell phone signal booster unit, featuring ports for external antennas and indicator lights. This device enhances cellular signals for

improved coverage.

2. Package Contents

Verify that all components are present in your package:

- 1x Outdoor Antenna (with mounting kits)
- 1x Booster Unit (with integrated indoor antenna)
- 1x Power Supply
- 1x 60 ft GR6 Coaxial Cable (for connecting outdoor and indoor units)

Outdoor Antenna



Booster Unit



Power Supply



60 ft GR6 Cable

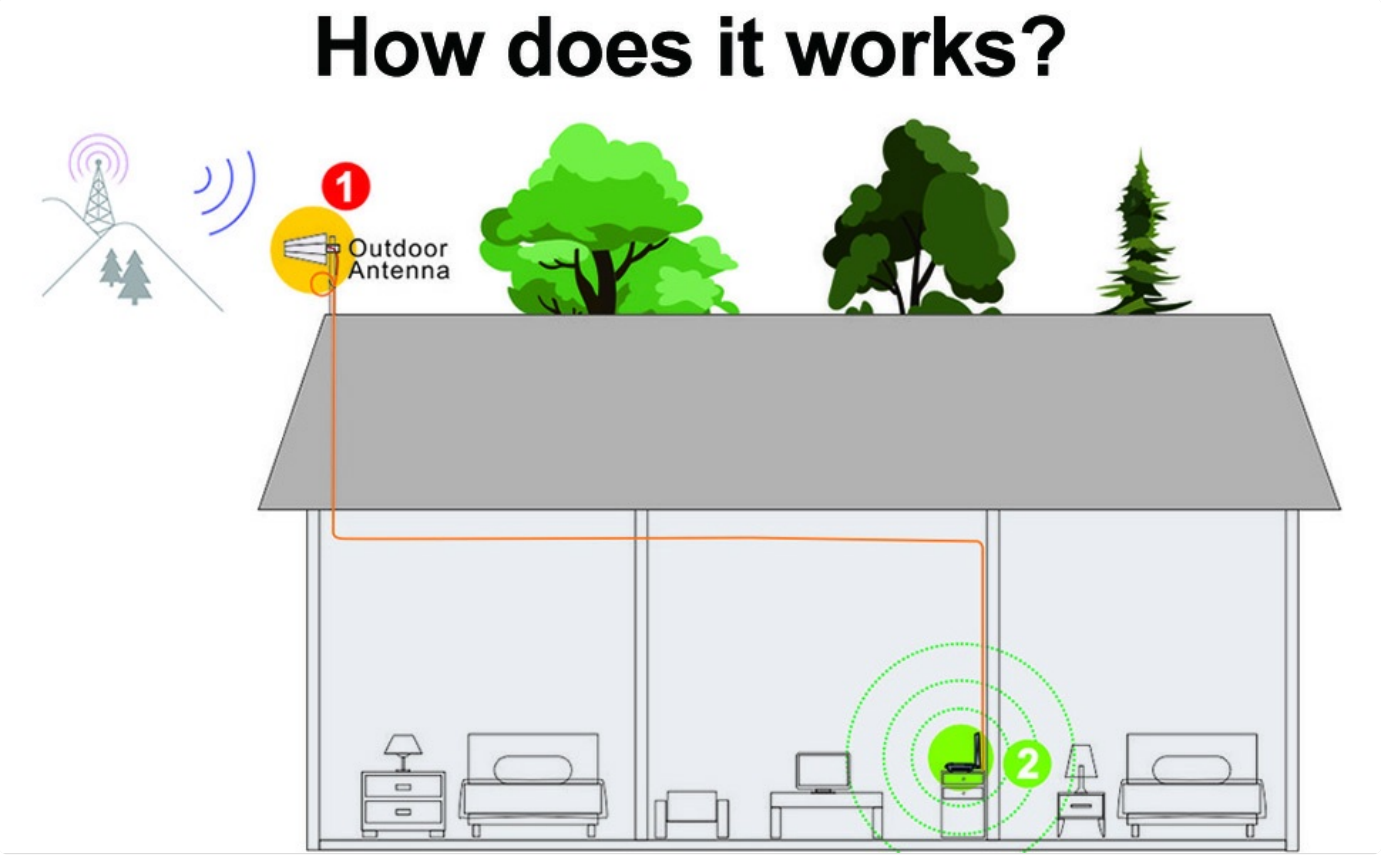
3. Safety Information

- **FCC Approved:** This device is FCC certified (FCC ID: A7V-SR15652001, HVIN: SR15652001D).
- **Registration:** Before use, you MUST register this device with your wireless provider and have your provider's consent. Most wireless providers consent to the use of signal boosters. Some providers may not consent to the use of this device on their network. If you are unsure, contact your provider.
- **Antenna Placement:** Antennas MUST be installed at least 20cm (8 inches) from people. The outdoor antenna must NOT be installed within 20 cm of any person.
- **E911 Warning:** E911 location information may not be provided or may be inaccurate for calls served by using this device.
- **Usage:** This device may be operated ONLY in a fixed location for in-building use.
- **Interference:** You MUST cease operating this device immediately if requested by the FCC or a licensed wireless service provider.

4. Setup & Installation

Proper installation is crucial for optimal performance. Follow these steps carefully.

4.1 How the System Works



A diagram showing the signal flow: an outdoor antenna captures weak signals from a cell tower, sends them to the booster unit inside the home, which then amplifies and broadcasts the signal via an indoor antenna.

4.2 Installation Steps

1. **Identify Best Outdoor Signal:** Use a signal strength app (e.g., LTE Discovery) on your phone to find the strongest signal outside your home. Walk around your property, especially higher points, to locate the area with the most consistent signal. Note the direction of the nearest cell tower.
2. **Mount Outdoor Antenna:** Install the outdoor antenna as high as possible, ideally on the roof or a pole, pointing towards the strongest signal source. Ensure it is securely mounted and has a clear line of sight to the cell tower.

3. **Run Coaxial Cable:** Connect one end of the 60 ft GR6 coaxial cable to the outdoor antenna. Route the cable into your home to the desired location for the booster unit. Ensure the cable is protected from weather and physical damage.
4. **Position Booster Unit:** Place the booster unit (with its integrated indoor antenna) in a central location within the area where you need improved signal. It is critical to maintain a significant physical separation (at least 20 feet, and ideally 180 degrees apart) between the outdoor antenna and the indoor booster unit to prevent oscillation and feedback.
5. **Connect Cables:** Connect the other end of the 60 ft GR6 coaxial cable to the designated outdoor port on the booster unit.
6. **Connect Power:** Plug the power supply into the booster unit and then into a wall outlet. The booster will power on.
7. **Verify Operation:** Check the indicator lights on the booster unit. Refer to the operating instructions for interpreting light status. You should observe an immediate improvement in signal strength on your cellular devices within the booster's coverage area.

4.3 Gain Mode Selection

The booster features a gain mode switch to optimize performance for different coverage needs.



A detailed view of the gain mode switch on the booster unit, allowing users to select between High and Low gain settings for different coverage area requirements.

- **High Gain Mode:** Applicable for large area coverage, such as an entire building or home (up to 3,000 sq ft). This mode provides maximum amplification.
- **Low Gain Mode:** Suitable for smaller area coverage, such as a campground or cottage. This mode provides reduced amplification, which can be useful in situations where the outdoor signal is already strong or to prevent interference.



An illustration comparing the application of low gain mode, suitable for smaller areas such as a campground or cottage, versus high gain mode, designed for larger coverage areas like a building or home.

4.4 Installation Video Guide

Your browser does not support the video tag.

Official video demonstrating the unboxing and basic setup of the Amazboost cell phone signal booster system.

5. Operating Instructions

Once installed and powered on, the Amazboost signal booster operates automatically. The device will detect and amplify available cellular signals.

- **Power On:** After connecting the power supply, the booster will automatically turn on.
- **Indicator Lights:** Observe the indicator lights on the booster unit. While specific light patterns are not detailed in the provided information, generally, solid green lights indicate proper operation, while flashing or red lights may indicate issues such as oscillation or insufficient signal separation. Refer to the product's quick start guide for detailed light interpretations.
- **Signal Improvement:** Your cellular devices should automatically connect to the stronger signal provided by the booster. No manual configuration is typically required on your phone.

6. Maintenance

The Amazboost signal booster requires minimal maintenance.

- **Cleaning:** Keep the booster unit and antennas clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Cable Inspection:** Periodically inspect the coaxial cable for any signs of wear, damage, or loose connections, especially the outdoor portion.
- **Environmental Conditions:** Ensure the booster unit is kept in a dry, well-ventilated area, away from extreme temperatures and direct sunlight.

7. Troubleshooting

If you experience issues with your signal booster, consider the following:

- **No Signal Improvement:**
  - Ensure all cable connections are secure.
  - Verify the outdoor antenna is pointed towards the strongest cell tower signal.
  - Increase the separation distance between the outdoor and indoor antennas. Insufficient separation can cause oscillation, which reduces booster performance.
  - Check the outdoor signal strength. The booster requires an outdoor signal of at least -120 dBm to function effectively. If the signal is weaker than -120 dBm, the booster may not provide significant improvement.
- **Measuring Signal Strength (iPhone):** To check your current signal strength in dBm, dial ***3001#12345#*** on your iPhone and press call. Navigate to the 'Serving Cell Info' or 'LTE' section to find the 'RSRP' (Reference Signal Received Power) value, which indicates signal strength.
- **Intermittent Signal:** This could indicate oscillation. Ensure maximum separation between antennas and that they are not facing each other.
- **Power Issues:** Ensure the power adapter is correctly plugged into both the booster and a working electrical outlet.

8. Specifications

Brand	Amazboost
Model Number	eggreh-001
Wireless Communication Standard	Radio Frequency
Color	Black
Item Weight	5.3 Ounces
Compatible Devices	iPhone, Android Phones, iPad, Tablet PC, etc.
Frequency Bands Supported	12, 13, 17, 5, 25, 2, 4
Coverage Range	Up to 3,000 sq ft
FCC Certification Number	A7V-SR15652001
Hardware Version Identification Number (HVIN)	SR15652001D

9. Warranty & Support

Amazboost provides a comprehensive warranty and customer support for this product.

- **Warranty:** This product comes with a 3-year warranty.
- **Customer Service:** For technical assistance, troubleshooting, or warranty claims, please contact Amazboost customer service. Contact information can typically be found on the product packaging or the official Amazboost website.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question