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Amazboost A0

Amazboost Cell Phone Signal Booster A0 User Manual

Model: A0

1. Product Overview

The Amazboost Cell Phone Signal Booster A0 is engineered to significantly improve cellular signal strength within your home or office environment. This device supports 3G, 4G, and LTE networks across all major US carriers, including AT&T, Sprint, T-Mobile, Straight Talk, and US Cellular. It is designed to boost signals in areas up to 1,500 square feet, providing a more reliable connection for voice calls, text messages, and mobile data.

The system includes a powerful directional outdoor antenna that captures weak signals from distant cell towers, an indoor antenna to distribute the boosted signal, and the main booster unit. It is FCC approved, ensuring compliance with telecommunications standards.



Image: The Amazboost Cell Phone Signal Booster A0, showing the outdoor antenna, the main booster unit with an indoor antenna, and the connecting coaxial cable.

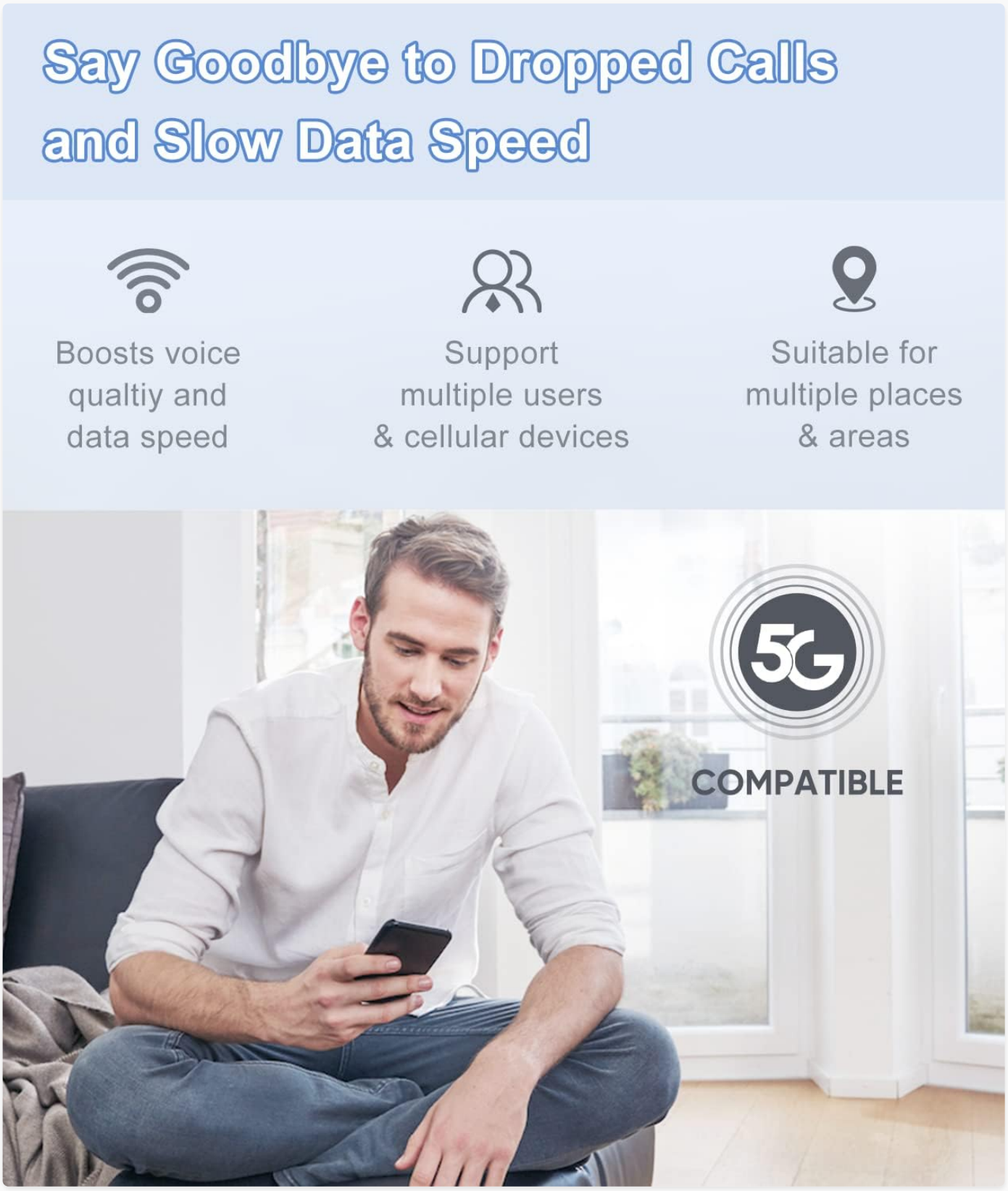


Image: Benefits of the Amazboost booster, highlighting improved voice quality, faster data speeds, support for multiple users and devices, and its versatility for various locations.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x Signal Booster Unit (with integrated Indoor Antenna)
- 1 x Outdoor Directional Antenna
- 1 x 60 ft RG6 Coaxial Cable

- 1 x 12V Power Supply
- 1 x Mounting Parts for Outdoor Antenna
- 1 x User Manual

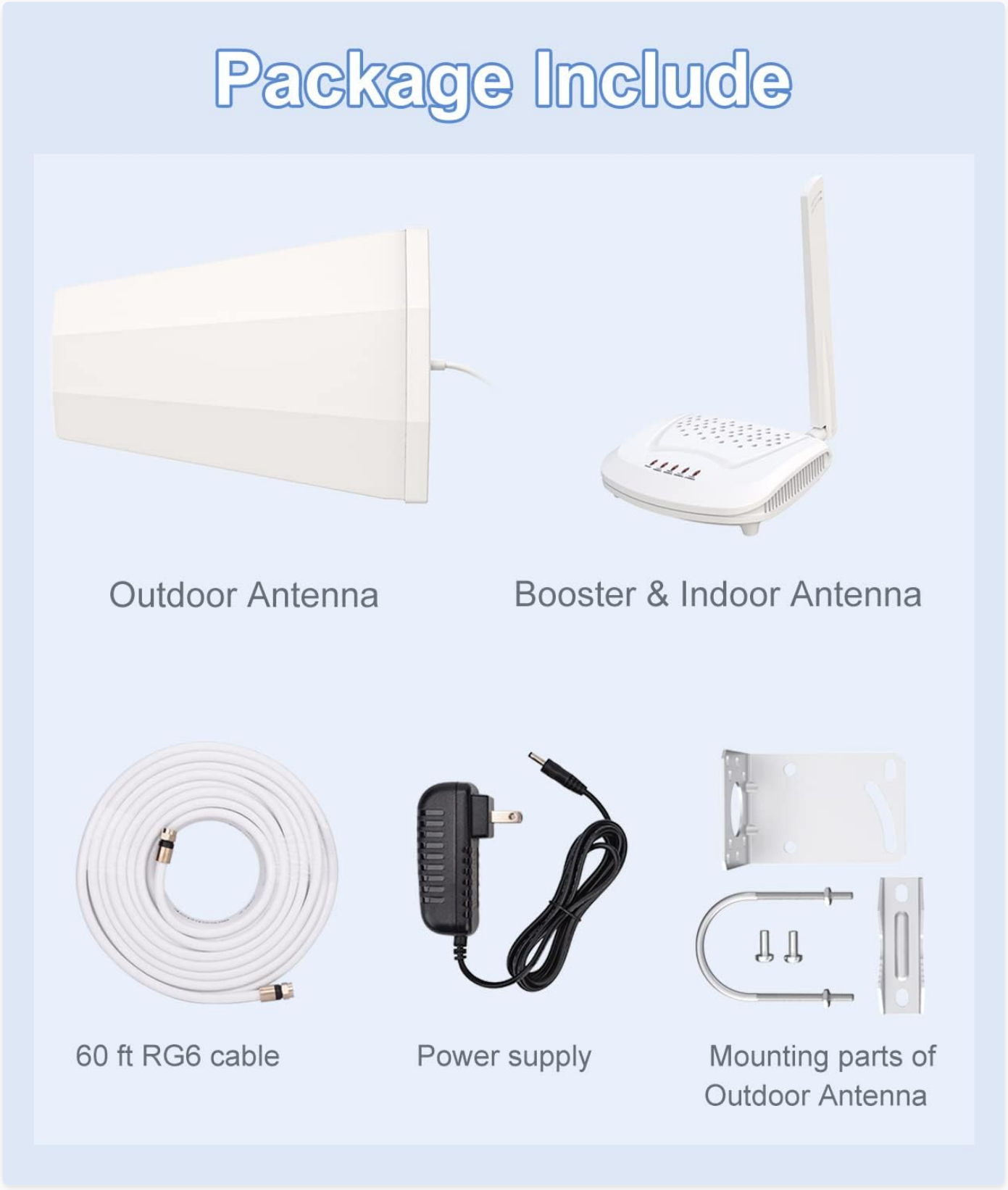


Image: A visual representation of all components included in the Amazboost Cell Phone Signal Booster package.

3. Setup and Installation

Follow these steps for a successful installation. Ensure a minimum separation distance of 30 feet (10 meters) in a straight line between the indoor and outdoor antennas to prevent oscillation.

1. **Install Outdoor Antenna:** Mount the directional outdoor antenna on your roof or an elevated position, pointing it towards the nearest cell tower. Use online resources like cellmapper.net to locate your nearest tower.
2. **Connect Outdoor Antenna to Booster:** Connect one end of the 60 ft RG6 coaxial cable to the outdoor antenna. Secure the cable near the antenna.
3. **Connect Cable to Booster (OUTSIDE port):** Route the other end of the 60 ft RG6 cable indoors and connect it to the "OUTSIDE" port on the signal booster unit.
4. **Connect Indoor Antenna to Booster (INSIDE port):** The indoor antenna is integrated with the booster unit. Ensure it is positioned where you need signal coverage.
5. **Power On:** Plug the 12V power supply into the booster unit and then into the nearest power outlet. The booster will automatically adjust its gain and power level for optimal performance.



Image: A visual step-by-step guide demonstrating the connection process for the outdoor antenna, coaxial cable, booster unit, and power supply.

3.1 Checking Signal Strength

Before and after installation, you can check your phone's signal strength (dBm reading) to assess the booster's effectiveness. A dBm reading greater than -120 dBm is generally required for the booster to work effectively.

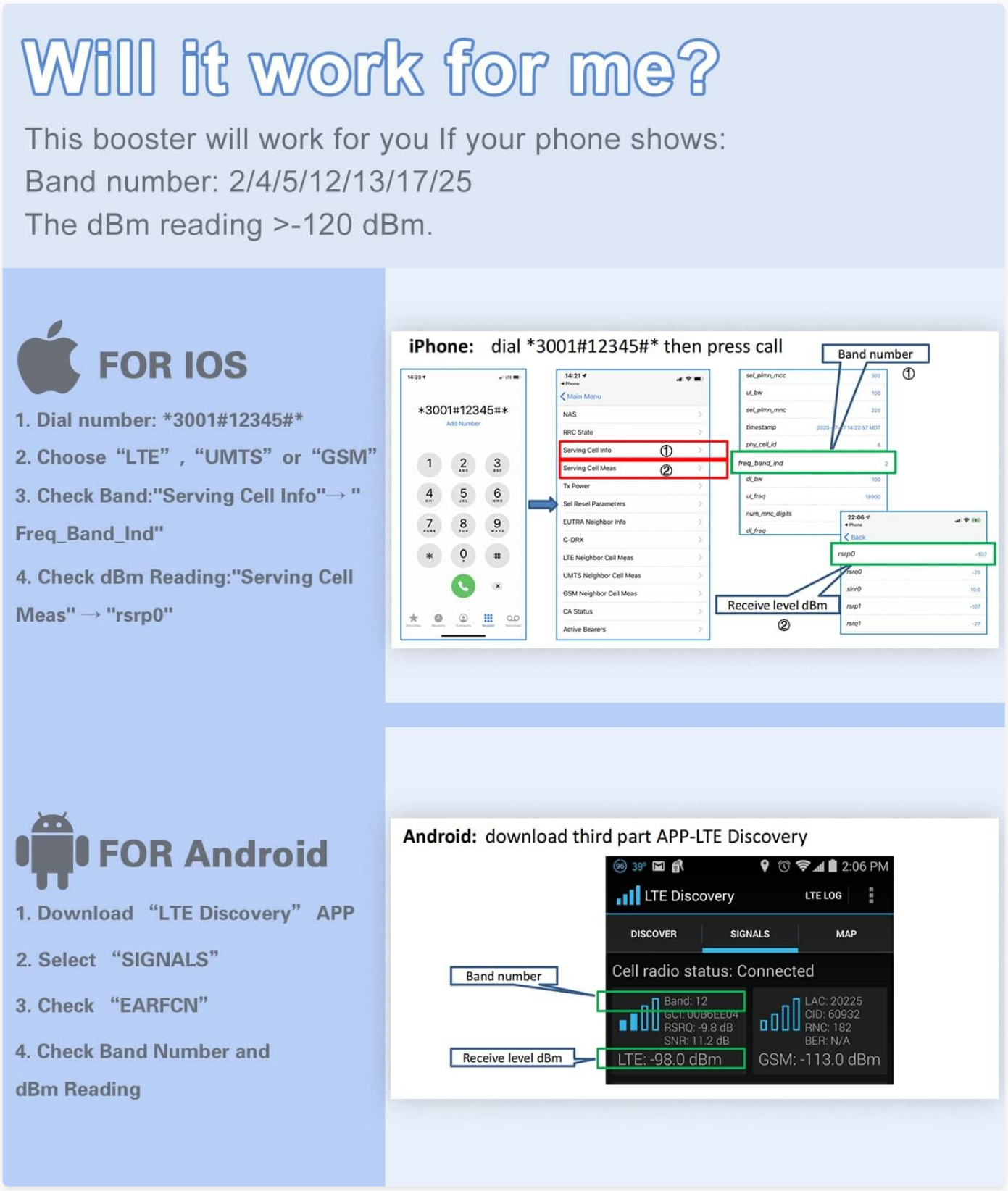


Image: Detailed instructions on how to check your cell phone's band number and dBm signal reading for both iOS and Android devices.

For iOS Devices:

1. Dial: ***3001#12345#*** then press call.
2. Choose "LTE", "UMTS" or "GSM".
3. Check Band: "Serving Cell Info" → Freq_Band_Ind.
4. Check dBm Reading: "Serving Cell Meas" → "rsrp0".

For Android Devices:

1. Download a third-party app like "LTE Discovery".
2. Select "SIGNALS".
3. Check "EARFCN".
4. Check Band Number and dBm Reading.

4. Operating Instructions

Once installed and powered on, the Amazboost Cell Phone Signal Booster A0 operates automatically. It continuously monitors and adjusts its gain to provide the best possible signal amplification without manual intervention.
The booster supports multiple users and cellular devices simultaneously, regardless of their carrier or frequency band. This makes it an ideal solution for families or small offices where several individuals need improved signal at the same time.



Image: A group of people using their mobile devices, demonstrating the booster's capability to support multiple users and cellular devices simultaneously.

The Amazboost A0 is suitable for a variety of indoor environments, including:

- Homes and Apartments
- Offices and Small Businesses
- Basements and Metal Buildings
- Rural Villages and Cabins
- Garages and Warehouses

- Hotels, Studios, Bars, and Restaurants



Image: Examples of diverse environments where the Amazboost signal booster can be effectively deployed, from residential to commercial and remote areas.

5. Troubleshooting

5.1 No Signal or Poor Improvement

- **Check Outdoor Antenna Placement:** Ensure the outdoor antenna is pointed directly towards the nearest cell tower. Even slight adjustments can significantly impact performance.
- **Verify Signal Strength:** Use the dBm checking methods (Section 3.1) to confirm that the outdoor signal is strong enough (greater than -120 dBm) for the booster to amplify.
- **Antenna Separation:** Confirm that there is at least 30 feet (10 meters) of straight-line separation between the outdoor and indoor antennas. Insufficient separation can cause feedback and reduce performance.
- **Cable Connections:** Ensure all coaxial cable connections are tight and secure. Loose connections can lead to signal loss.
- **Power Supply:** Verify the booster unit is properly powered on and the power adapter is securely connected to a working outlet.



Image: A visual comparison illustrating common signal issues like dropped calls and poor quality before using the booster, versus stable calls and faster internet after installation.

5.2 FCC Compliance

The Amazboost A0 signal booster is FCC approved (FCC ID: A7V-SR15652001). It is designed to automatically adjust system gain and power levels to achieve optimal results, ensuring compliance with regulatory requirements. No manual intervention is needed for this adjustment.

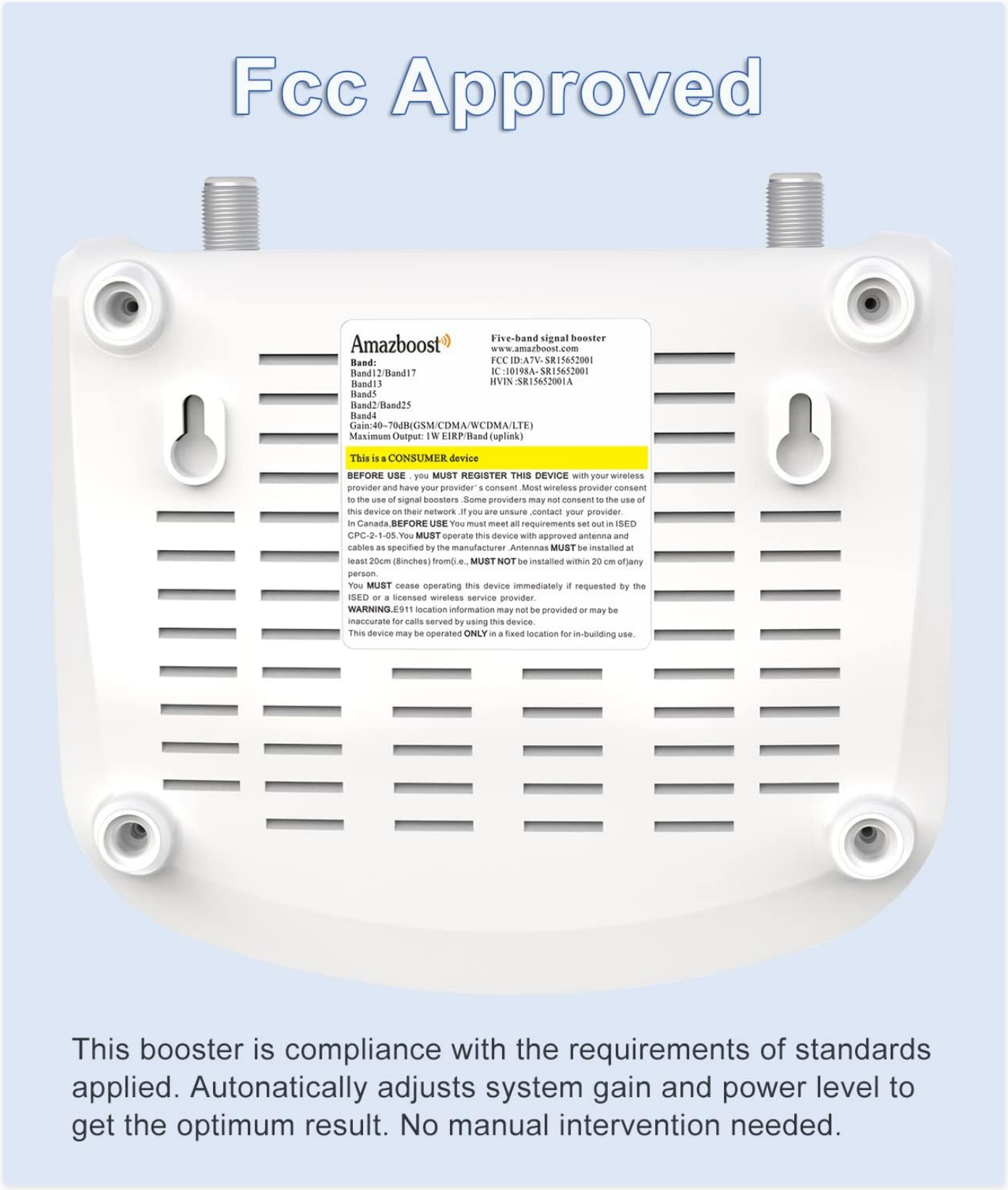


Image: The underside of the Amazboost signal booster, displaying its FCC approval label and a statement confirming its compliance with applied standards.

6. Specifications

Feature	Detail
Model	A0

Supported Bands	2/25, 4, 5, 12/17, 13
Coverage Area	Up to 1,500 sq ft (1-2 rooms)
Max Gain	60dB
Supported Carriers	All US Carriers (AT&T, Sprint, T-Mobile, Straight Talk, US Cellular, etc.)
Product Dimensions	14 x 9 x 5 inches
Item Weight	4.4 pounds
Color	White
FCC ID	A7V-SR15652001

7. Warranty and Support

Amazboost offers comprehensive customer support for your signal booster:

- **Warranty:** 3-Year warranty from the date of purchase.
- **Money-Back Guarantee:** 30-Day money-back guarantee.
- **Technical Support:** Professional US Local technical customer support is available for the lifetime of the product. You can contact support via phone call or email for assistance with installation, troubleshooting, or any other inquiries.

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Details

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