Amazboost SR75702002

Amazboost Cell Phone Signal Booster User Manual

Model: SR75702002 | Brand: Amazboost

1. Introduction

The Amazboost Cell Phone Signal Booster is designed to enhance 5G, 4G LTE, and 3G signals for all mobile devices across all major U.S. carriers, including AT&T, Verizon, T-Mobile, Sprint, and US Cellular. This booster is ideal for homes, offices, warehouses, and remote areas, providing improved voice, text, and data signals over an area of up to 5,000 sq. ft. It features a 72dB gain and automatically adjusts system gain and power level for optimal performance, requiring no manual intervention.



Figure 1: Amazboost Cell Phone Signal Booster System Components.

2. What's in the Box

Verify that all components are present in your package:

- 1 x Outdoor Antenna
- 1 x Signal Booster Unit
- 1 x Indoor Wall Hanging Antenna
- 2 x 30ft RG6 Cables
- 1 x Installation Kit (includes mounting hardware for outdoor antenna)
- 1 x Power Supply



Figure 2: Contents of the Amazboost Signal Booster Kit.

3. Setup and Installation

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

1. **Locate the Best Outdoor Signal:**

   Identify an outdoor location with at least 1 bar of reliable signal. The booster requires a minimum outdoor signal to function effectively. Higher outdoor signal strength will result in better indoor coverage. Consider using a cell tower locator website or app to find the nearest cell towers and determine the best direction for your outdoor antenna.

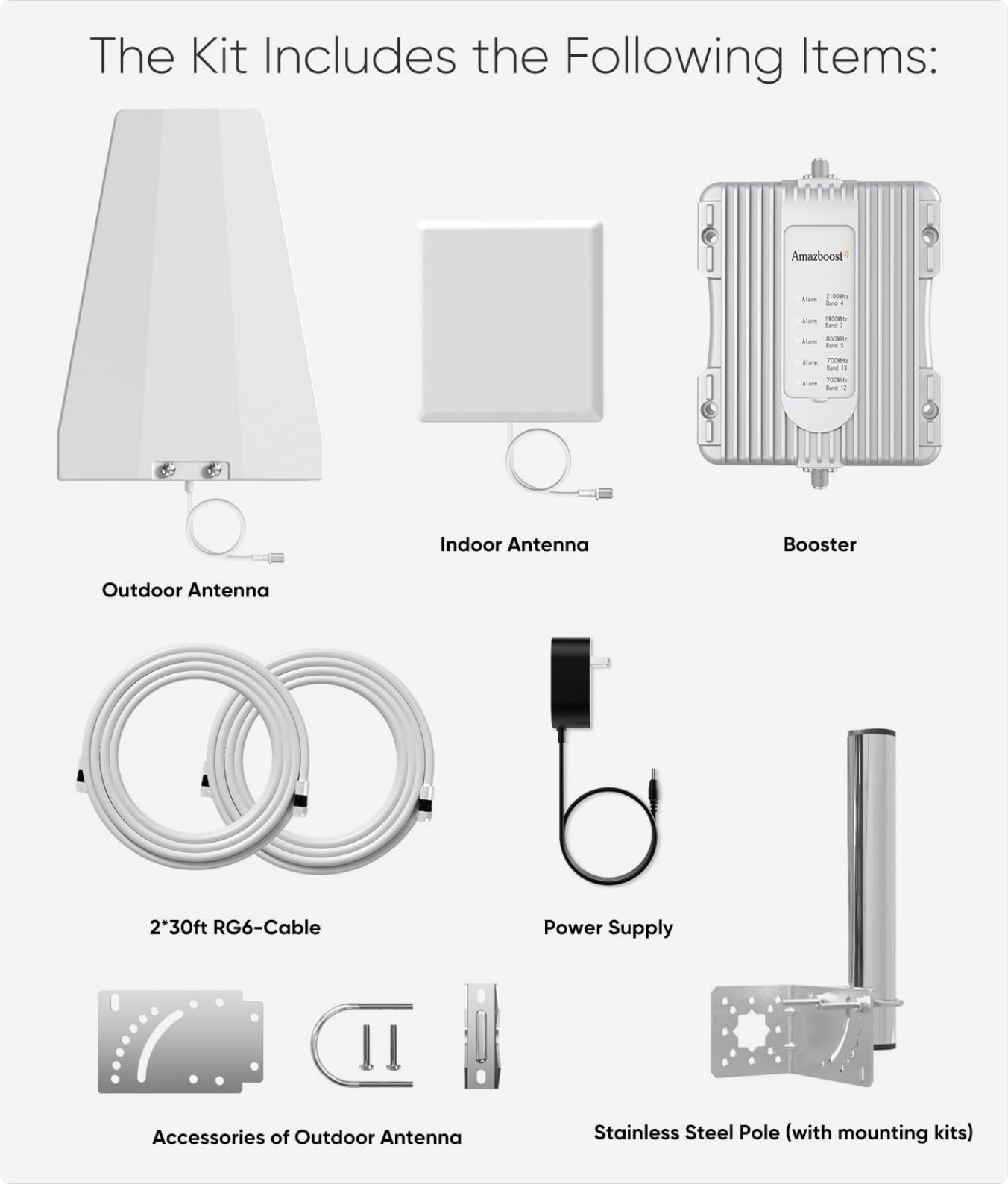


Figure 3: Cell Booster Working Condition and Signal Requirement.

2. **Install the Outdoor Antenna:**

   Mount the outdoor antenna in the chosen location, ensuring it points towards the strongest signal source. Use the provided installation kit to securely attach it. The antenna is designed to capture weak signals from a distance.



Figure 4: High Gain Upgrade Outdoor Antenna Placement.

3. **Run the RG6 Cables:**

   Connect one 30ft RG6 cable from the outdoor antenna to the "Outdoor" port on the signal booster unit. Route the cable carefully, avoiding sharp bends and ensuring it is protected from weather elements. Connect the second 30ft RG6 cable from the "Indoor" port on the signal booster unit to the indoor wall hanging antenna.

4. **Mount the Signal Booster Unit:**

   Install the signal booster unit indoors in a central location, away from direct sunlight and moisture. Ensure it is easily accessible for power connection. The unit should be placed where it can effectively amplify and broadcast the signal throughout your desired coverage area.

5. **Install the Indoor Wall Hanging Antenna:**

   Mount the indoor antenna on a wall within the area where you need improved signal. For best results, place it in a

central location, ideally on an interior wall, to maximize signal distribution. Avoid placing it too close to the outdoor antenna to prevent oscillation.



Figure 5: Supporting Multiple Devices and Users.

6. **Connect Power:**

   Once all antennas and cables are securely connected, plug the power supply into the signal booster unit and then into a standard electrical outlet. The booster will power on and begin operation automatically.

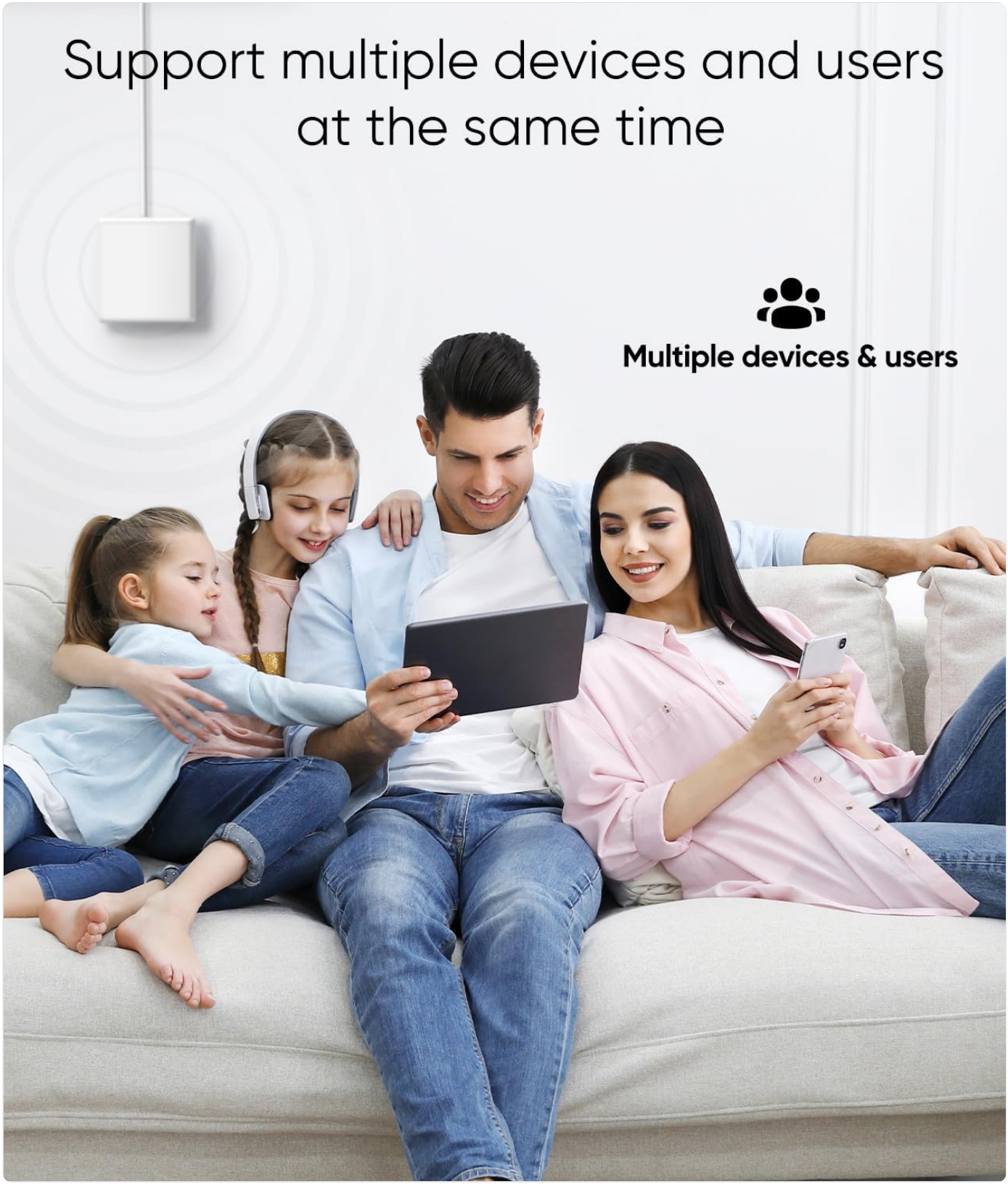


Figure 6: Compatible with All U.S. Carriers.

4. Operating the Signal Booster

The Amazboost Cell Phone Signal Booster is designed for automatic operation. Once powered on, it will automatically adjust its system gain and power level to achieve the best possible signal enhancement. No manual adjustments are typically required.

The booster supports 3G, 4G LTE, and 5G signals across various bands (12, 17, 13, 5, 2, 25, 4, 66), boosting voice, text,

and data signals for all connected mobile devices. You should observe an immediate improvement in signal strength on your mobile devices within the coverage area.

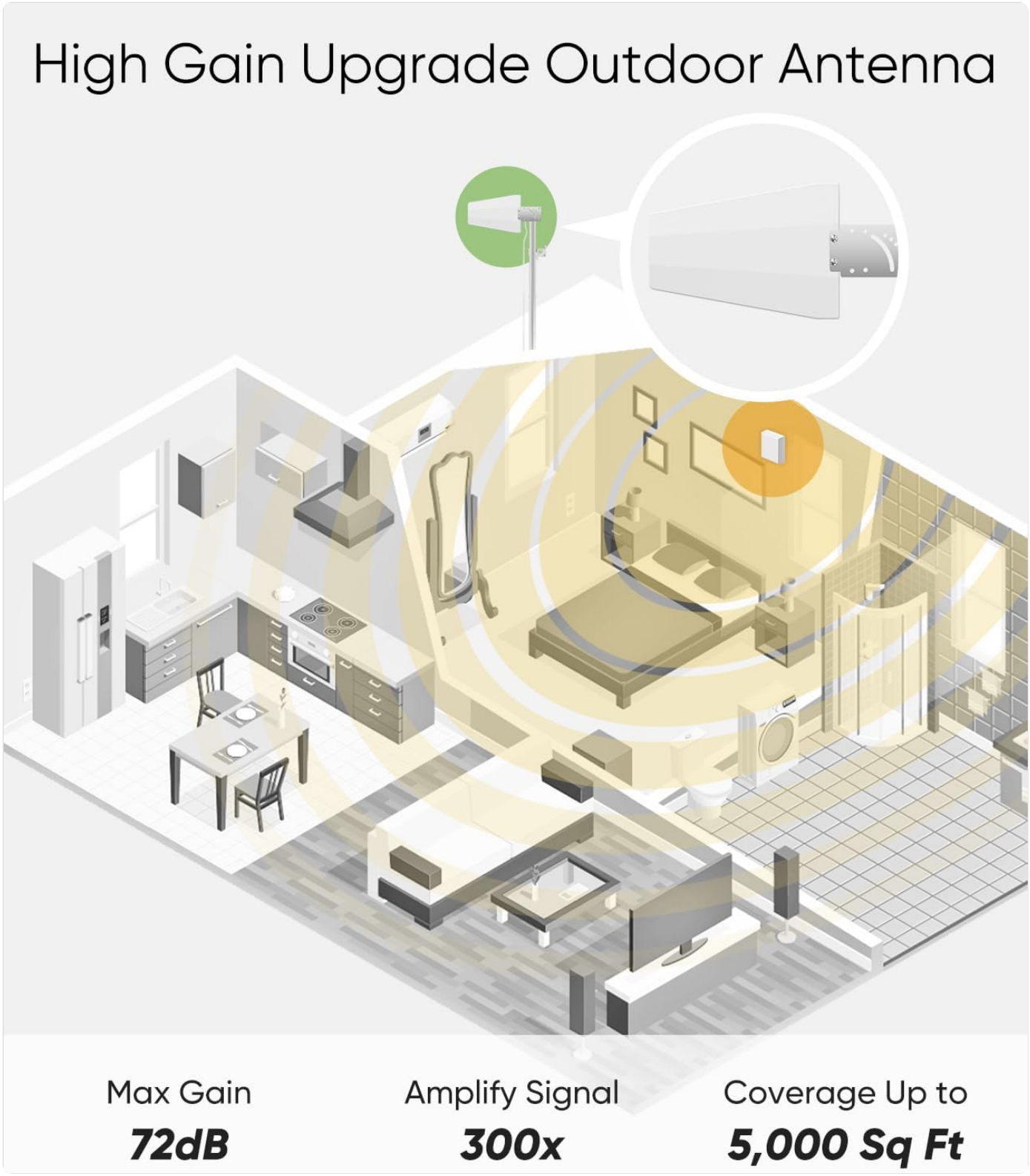


Figure 7: Ideal Solution for Weak Signal.

5. Maintenance

The Amazboost Cell Phone Signal Booster requires minimal maintenance. To ensure longevity and optimal performance:

- Keep the booster unit and indoor antenna clean and free from dust.

- Ensure all cable connections remain secure.
- Periodically check the outdoor antenna for any damage or obstruction, especially after severe weather.
- Do not expose the booster unit to extreme temperatures or moisture.

6. Troubleshooting

If you experience issues with your signal booster, refer to the following common problems and solutions:

- **No Signal Boost or Weak Signal:**
  - Ensure the outdoor antenna is pointed towards the strongest signal source. Re-orient the antenna if necessary.
  - Verify that there is at least 1 bar of signal outside your home. The booster cannot create signal where none exists.
  - Check all cable connections to ensure they are tight and secure.
  - Ensure adequate separation between the indoor and outdoor antennas (vertical separation is often more effective than horizontal). Insufficient separation can lead to oscillation and reduced performance.
  - Confirm the booster is powered on and its indicator lights are functioning correctly.
- **Signal Not Transmitting Through Walls:**

  While the booster enhances signal, dense building materials (like metal roofs or thick concrete walls) can significantly attenuate the signal. Consider repositioning the indoor antenna to a more open area or closer to where signal is most needed. The stated coverage area of 5,000 sq ft is under ideal conditions and can be affected by building structure.
- **Testing Frequency Band Information:**

  To diagnose specific band issues or verify signal strength, you can use your smartphone:
  - *For iPhone:* Dial *3001#12345#* then press the call button. Choose "All Metrics," then "Serving Cell Info," and check "Band Info."
  - *For Android:* Download and install the "APP LTE Discovery" (or similar network info app). Choose "SIGNALS" and check "Band."

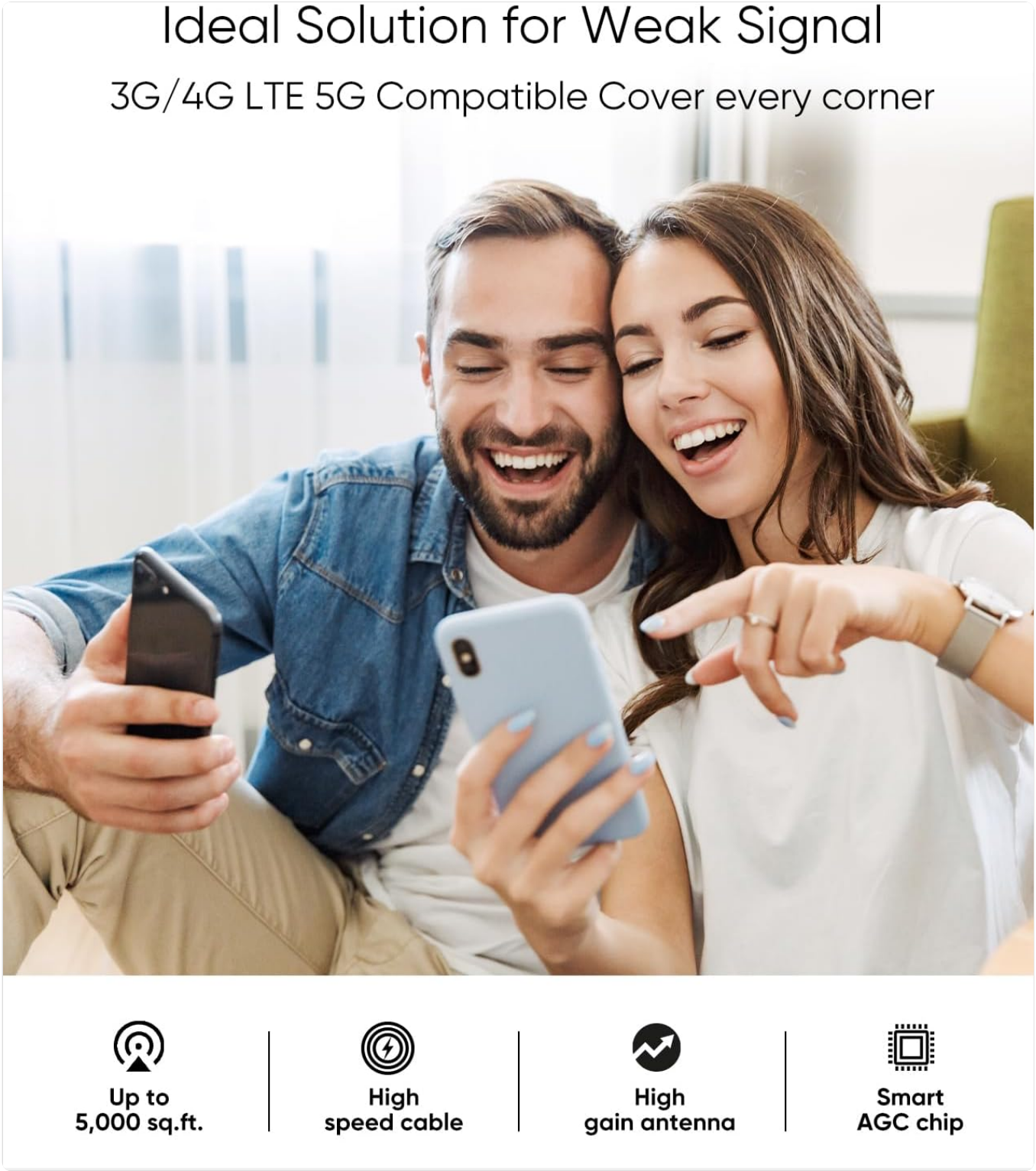


Figure 8: Methods for Testing Frequency Band.

7. Specifications

Feature	Detail
Supported Frequencies	5G, 4G LTE, 3G (Bands 12, 17, 13, 5, 2, 25, 4, 66)
Coverage Area	Up to 5,000 sq. ft. (dependent on outdoor signal)

Gain	72dB
Communication Distance Range	Up to 3-5 miles from cell tower
FCC ID	A7V-SR75702002
HVIN	SR75702002
Item Weight	7.09 pounds
Package Dimensions	14.61 x 9.41 x 6.14 inches
Manufacturer	Shenzhen Dachi communication Co.,Ltd
Special Features	Directional Antenna, Remote Access (Automatic Gain Control)
Connector Type	F-Type

8. Warranty and Support

The Amazboost Cell Phone Signal Booster is FCC approved (FCC ID: A7V-SR75702002). You do not need to register the serial number with your carrier for use.
For any quality issues or technical assistance, please contact Amazboost customer support. We are committed to resolving any concerns within 24 hours.
For further information or support, please refer to the official Amazboost website or contact their customer service directly.

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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.

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