

Atcall C5

Atcall C5 Cell Phone Signal Booster User Manual

Model: C5

Brand: Atcall

1. INTRODUCTION

The Atcall C5 Cell Phone Signal Booster is designed to enhance 5G/4G LTE cellular signals within your vehicle, ensuring reliable connectivity for all U.S. carriers. This manual provides comprehensive instructions for proper installation, operation, and maintenance to help you achieve optimal performance from your device.

Your browser does not support the video tag.

Video: An informational video explaining the function and benefits of a car signal booster.

2. PACKAGE CONTENTS

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

- Signal Booster Unit
- Outdoor Magnetic Antenna
- Indoor Patch Antenna
- Power Supply (Car Charger)

Package Contents



Outside Antenna



Booster



Power Supply



Inside Antenna

Image: The complete Atcall C5 Cell Phone Signal Booster kit, including the main booster unit, outdoor antenna, indoor antenna, and power supply.

3. INSTALLATION GUIDE

Follow these steps for a successful installation. No technical experience is required, and the process can typically be completed in under 30 minutes.

3.1 Pre-Installation Checklist

- Ensure your vehicle's power supply is functional.

- Confirm all cables are tightened securely during connection.
- The booster requires at least 1 bar of existing signal outside the vehicle to function effectively. It amplifies existing signals; it does not create new ones.

3.2 Antenna Placement

Proper placement of the outdoor and indoor antennas is crucial for optimal performance and to prevent signal oscillation.

Outdoor Magnetic Roof Antenna

- Firmly attach the outdoor magnetic antenna to the roof of your vehicle.
- This omni-directional antenna receives signals from cell towers in all directions, eliminating the need for manual adjustment.

Indoor Patch Antenna

- Place the indoor patch antenna inside the vehicle where you need improved signal coverage.
- Ensure sufficient separation between the outdoor and indoor antennas to prevent interference.

Installation Instruction

For the best performance of the booster, please keep at least the following distance between outside antenna and inside antenna.

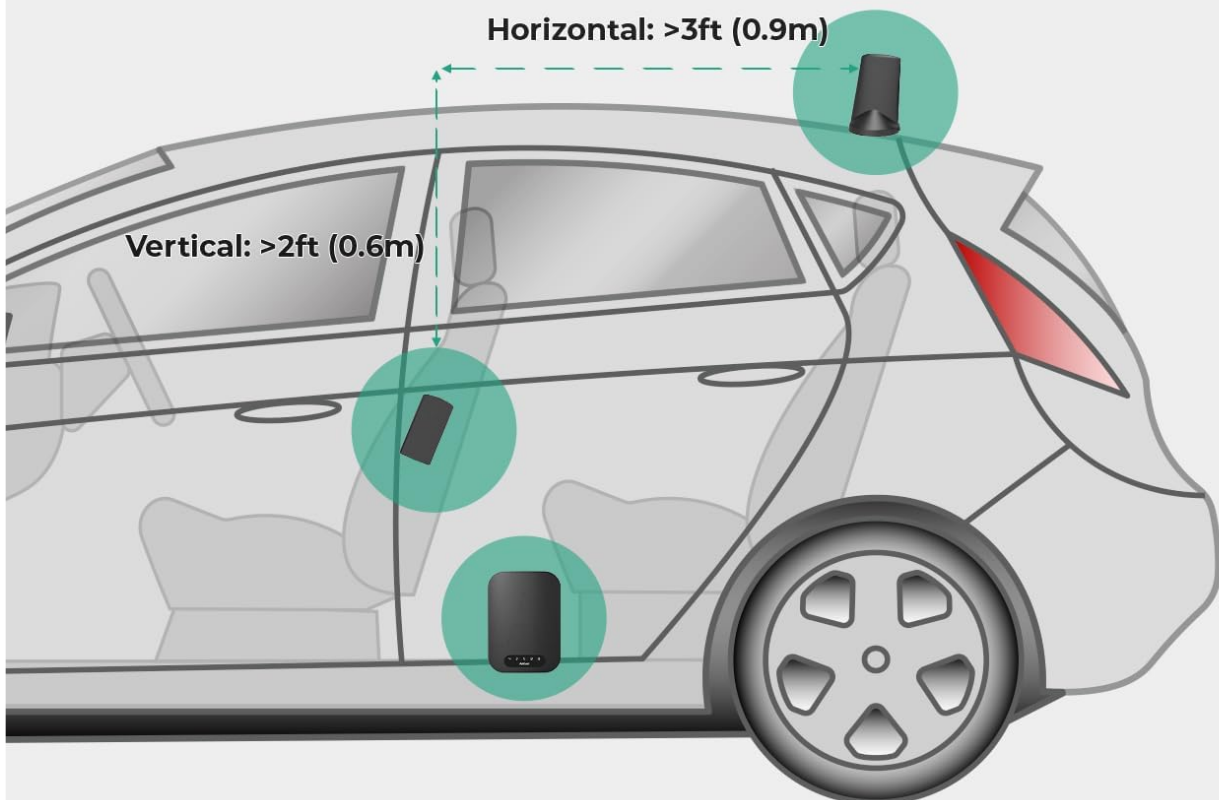


Image: Proper installation requires maintaining specific distances between the outdoor and indoor antennas to prevent interference and ensure optimal performance.

Recommended separation:

Horizontal: >3 ft (0.9m)

Vertical: >2 ft (0.6m)

3.3 Connecting Components

- Connect the outdoor antenna cable to the designated port on the signal booster unit.
- Connect the indoor antenna cable to its designated port on the signal booster unit.
- Plug the power supply (car charger) into the booster unit and then into your vehicle's 12V power outlet.

Your browser does not support the video tag.

Video: A demonstration of the Atcall Cell Phone Booster for Car, including its components and basic setup.

4. OPERATING INSTRUCTIONS

Once installed and powered on, the Atcall C5 booster will automatically begin to amplify cellular signals. The intuitive LED indicator provides real-time status.

4.1 LED Indicator

The LED indicator on the booster unit displays the operating status of each corresponding frequency band. Pay attention to these indicators for optimal performance and troubleshooting.

- **Green:** Functional - The band is working correctly and boosting signal.
- **Orange:** Self-Test and Signal Interference - The booster is performing a self-test or experiencing interference. Adjust antenna separation if interference persists.
- **Red:** Abnormal - There is an issue with the band. Refer to the troubleshooting section.

Intuitive Band Indicator

LED band indicator light shows the working status of the corresponding band.

Please pay attention to the indicator status of the band you are using.



Image: The LED indicator on the booster provides real-time status of each frequency band, helping users monitor performance and troubleshoot issues.

4.2 Carrier Compatibility

The C5 booster supports 5G/4G LTE for all major U.S. carriers, including AT&T, Verizon, T-Mobile, Sprint, and U.S. Cellular. It supports bands 12/17, 13, 5, 2/25, and 4/66.

Compatible with All Carriers

Band 12/17/13/5/2/25/4/66



Image: The Atcall C5 booster is compatible with all major U.S. carriers, including AT&T, Verizon, T-Mobile, and Sprint, supporting various frequency bands.

4.3 Signal Improvement

With the Atcall C5 booster, everyone in the vehicle can experience clear calls, fewer dropped calls, faster data transfer speeds, and smoother video streaming, even in remote areas.



Strength Your Signal **On the Road**

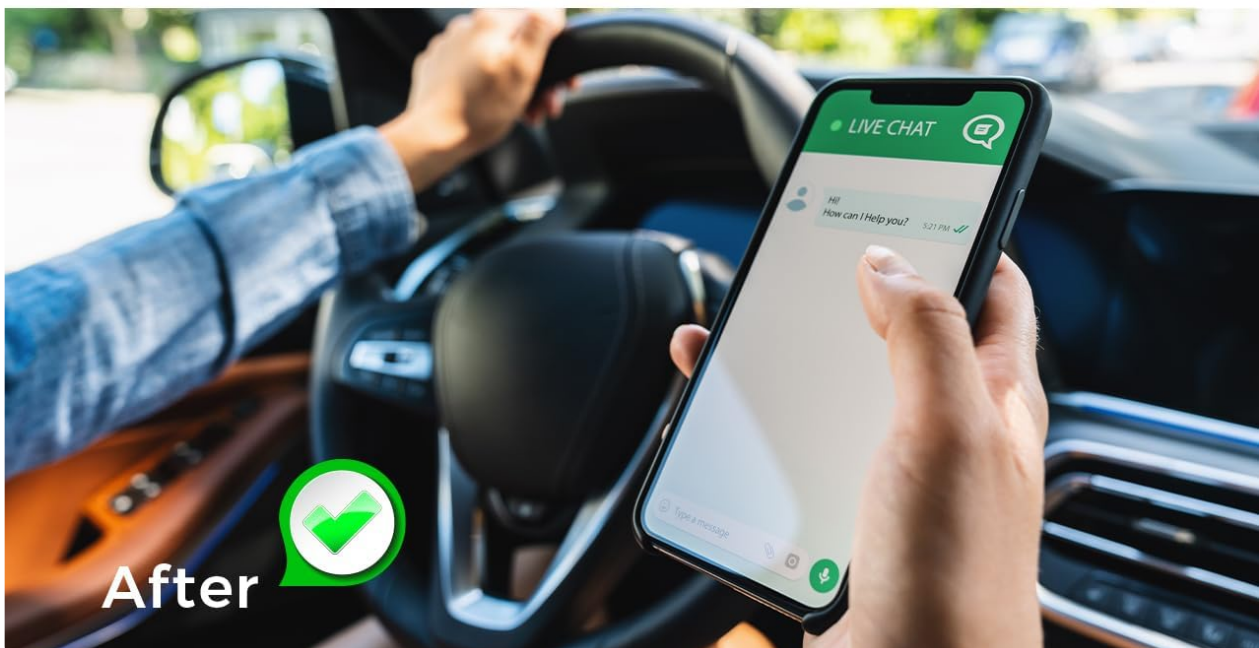


Image: Visual representation of signal improvement, demonstrating how the booster strengthens cellular signal for better connectivity.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Atcall C5 Cell Phone Signal Booster, follow these simple maintenance guidelines:

- Keep the booster unit and antennas clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Periodically check all cable connections to ensure they are secure and not damaged.

- Avoid exposing the unit to extreme temperatures or direct moisture.

6. TROUBLESHOOTING

If you encounter issues with your Atcall C5 booster, refer to the following common problems and solutions:

6.1 No Signal Boost / Weak Signal

- **Check Power Supply:** Ensure the power cord is securely tightened and your vehicle's power outlet is providing power.
- **Verify Connections:** Confirm all antenna cables are properly connected to the booster unit.
- **Antenna Separation:** Ensure sufficient distance between the outdoor and indoor antennas (refer to Section 3.2). Insufficient separation can cause oscillation and reduce performance.
- **Existing Signal:** Remember, the booster amplifies existing signals. If there is absolutely no signal outside the vehicle, the booster cannot create one. Try moving to an area with at least 1 bar of signal.

6.2 LED Indicator Shows Orange or Red

- **Orange (Interference):** This often indicates the indoor and outdoor antennas are too close. Increase the separation distance between them.
- **Red (Abnormal):** This could indicate a cable issue, antenna malfunction, or a problem with the booster unit itself. Double-check all connections. If the issue persists, contact customer support.

6.3 How to Check Frequency Band

Understanding which frequency band your phone is using can assist in troubleshooting specific signal issues.

For iPhone:

1. Dial *3001#12345#* then press the call button.
2. Choose All Metrics, then click Serving Cell Info.
3. Check Band Info.

For Android Phone:

1. Download "Network Cell Info Lite" app.
2. Choose "GAUGE".
3. Check "BAND".

How Does Our Signal Booster Work

Keep enough distance between outside antenna and inside antenna as following:

Notice:

The booster can work properly when there is at least **1 bar** signal outside.

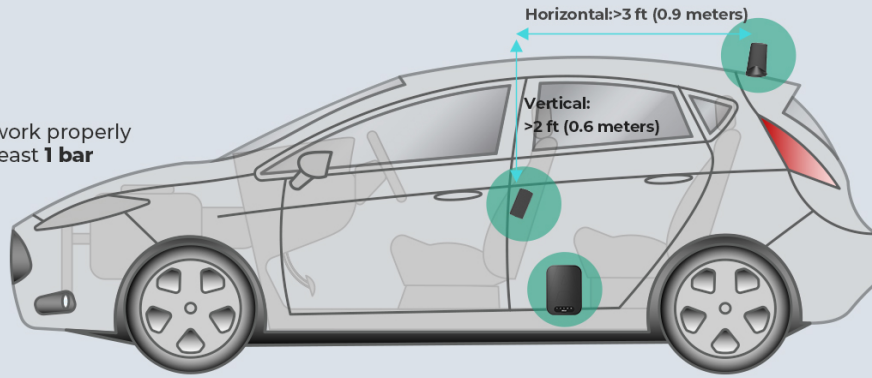


Image: This section provides step-by-step instructions for users to identify the frequency band their phone is currently using, which can be helpful for troubleshooting.

7. SPECIFICATIONS

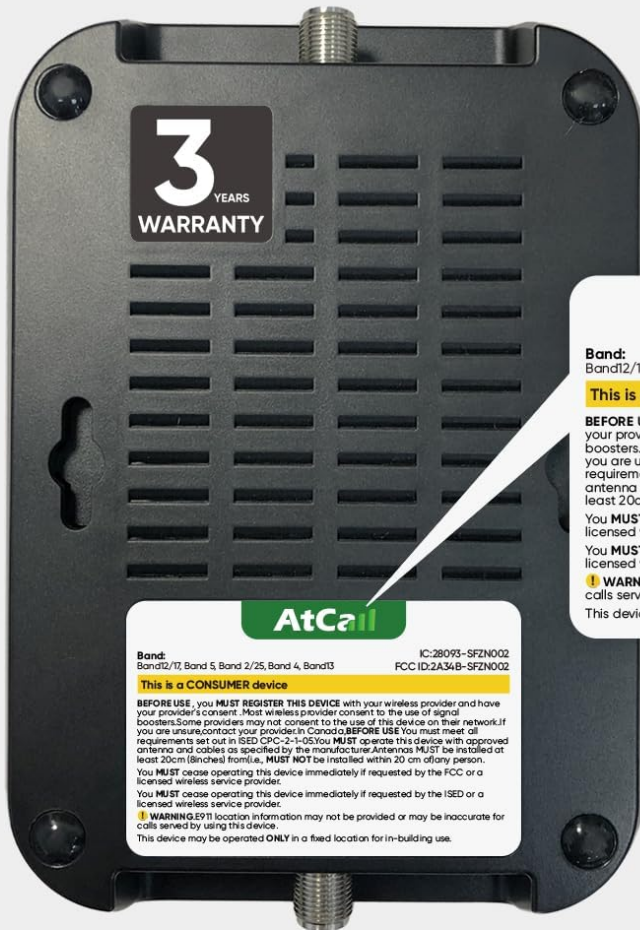
Feature	Detail
Model	C5
Brand	Atcall
Supported Bands	Band 12/17, Band 13, Band 5, Band 2/25, Band 4/66
Max Gain	50dB
FCC ID	2A34B-SFZN002
Package Dimensions	9.3 x 7.3 x 3 inches
Item Weight	2.2 pounds
Special Feature	LED Indicator

8. WARRANTY AND SUPPORT

The Atcall C5 Cell Phone Signal Booster is FCC approved (FCC ID: 2A34B-SFZN002), ensuring compliance with all regulatory requirements.

FCC Approved

Reliable and Safe. Compliant with all the requirements of FCC&IC Certification.



IC:28093-SFZN002
FCC ID:2A34B-SFZN002

AtCall

Band: Band12/17, Band 5, Band 2/25, Band 4, Band13
IC:28093-SFZN002
FCC ID:2A34B-SFZN002

This is a CONSUMER device

BEFORE USE, you **MUST REGISTER THIS DEVICE** with your wireless provider and have your provider's consent. Most wireless provider 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. In Canada, **BEFORE USE** You must meet all requirements set out in ISED CPC-2-1-05. You **MUST** operate this device with approved antenna and cables as specified by the manufacturer. Antennas **MUST** be installed at least 20cm (8inches) from (i.e., **MUST NOT** be installed within 20 cm of) any person. You **MUST** cease operating this device immediately if requested by the FCC or a licensed wireless service provider. You **MUST** cease operating this device immediately if requested by the ISED or a licensed wireless service provider.

WARNING: E911 location information may not be provided or may be inaccurate for calls served by using this device.

This device may be operated **ONLY** in a fixed location for in-building use.

AtCall

Band: Band12/17, Band 5, Band 2/25, Band 4, Band13
IC:28093-SFZN002
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Image: The Atcall C5 booster is FCC approved, ensuring it meets all regulatory standards for safe and effective operation. Atcall provides professional online technical support. If you encounter any problems or have questions regarding your booster, please do not hesitate to contact us. We are committed to providing assistance and ensuring your satisfaction. For support, please visit the [Atcall Store on Amazon](#) or refer to the contact information provided with your product packaging.