

HiBoost Hero Cell Phone Signal Booster

HiBoost Hero Cell Phone Signal Booster User Manual

Model: Hero Cell Phone Signal Booster

1. INTRODUCTION AND OVERVIEW

The HiBoost Hero Cell Phone Signal Booster is designed to improve cellular signal strength in areas up to 3,000 square feet. With a maximum gain of 65dB, users can experience fewer dropped calls, clearer voice quality, and faster internet speeds. This booster is compatible with 5G (via DSS in 4G bands) and supports major U.S. carriers including T-Mobile, AT&T, and Verizon across bands 12, 13, 17, 5, 2/25, and 4. It is suitable for use in homes, offices, garages, farms, remote areas, warehouses, and metal buildings.

2. PACKAGE CONTENTS

The HiBoost Hero Cell Phone Signal Booster kit includes the following components:

- 1* Hero Signal Booster Unit
- 1* Outdoor Directional Antenna
- 1* 16.4' Outdoor Cable (SMAF-SMAM)
- 1* 32.8' Outdoor Cable (NM-SMAM)
- 1* Indoor Panel Antenna
- 1* Indoor Whip Antenna
- Mounting hardware and power supply



Figure 1: All components included in the HiBoost Hero Cell Phone Signal Booster kit.

3. PRE-INSTALLATION CHECKLIST

Before purchasing or installing the booster, please ensure the following conditions are met for optimal performance:

- **Signal Strength:** Check that your outdoor signal is between -100dBm and -120dBm (approximately 1-2 bars). The booster cannot create a signal where none exists.
- **Frequency Bands:** Confirm your phone supports the following frequency bands: Band 2/4/5/12/13/17/25.
- **Cell Tower Proximity:** Verify that a compatible cell tower is within 3-5 miles of your location.
- **Installation Requirements:** Be prepared for mounting an outdoor antenna and routing cables,

which typically takes 1-2 hours.

- **Hotspot Devices:** Note that hotspot devices cannot be boosted by this system.



Figure 2: Illustration of weak indoor signal and strong outdoor signal, indicating suitability for a signal booster.



Figure 3: Essential tests to perform before purchasing the signal booster, including outdoor signal strength, phone band compatibility, and outdoor antenna placement.



Figure 4: Important considerations before buying, illustrating scenarios where the booster may not be effective, such as no external signal or unsuitable frequency bands.

Video 1: Before Buy Hero Boosted Signal, Know If It Works for You. This video provides guidance on determining if the HiBoost Hero booster is suitable for your specific signal environment.



4. INSTALLATION GUIDE

4.1. General Installation Principles

- Maintain adequate separation between the outdoor and indoor antennas to prevent oscillation. A minimum horizontal separation of 30 feet and a vertical separation of 13 feet is recommended.
- The outdoor and indoor antennas should face opposite directions to maximize isolation.



Figure 5: Recommended antenna separation for optimal performance: at least 30 feet horizontally and 13 feet vertically.

4.2. Outdoor Antenna Installation

The directional outdoor antenna should be mounted in a location with the clearest line of sight to the nearest cell tower. Use the HiBoost App (Signal Supervisor) to assist in finding the best signal direction.

Video 2: How to Install Hero Cell Phone Booster. This video demonstrates the steps for installing the outdoor antenna and connecting it to the booster unit.



Figure 6: The outdoor antenna is positioned to pick up signals directly from the cell tower.

4.3. Booster Unit and Indoor Antenna Connection

Connect the outdoor cable from the outdoor antenna to the designated port on the Hero Signal Booster unit. Then, connect the indoor antenna cable to the indoor port on the booster. The booster unit features an LCD color screen that simplifies installation by providing real-time signal indicators.

The kit includes two indoor antenna options:

- **Panel Antenna:** Provides extended coverage up to 3000 sq.ft, ideal for larger spaces. Typically wall-mounted.
- **Whip Antenna:** Compact and designed for desktop or mobile applications, covering up to 2000

sq.ft.



Figure 7: The booster unit amplifies the signal received by the outdoor antenna and distributes it to the indoor antennas.



Figure 8: Two indoor antenna options are available: a wall-mounted panel antenna for wider coverage and a desktop whip antenna for smaller areas or mobile use.

4.4. Cable Routing

The kit includes through-window cables (SMAM-SMAF) to avoid drilling holes for cable entry. These flat cables can be routed through window sills and connected to the indoor cable.

5. OPERATING INSTRUCTIONS

Once installed, the Hero Signal Booster operates automatically. The LCD color screen on the booster unit provides real-time information on signal strength and performance for each supported band. The HiBoost App (Signal Supervisor) allows for remote monitoring and fine-tuning of the booster's performance.



Figure 9: The booster's LCD screen and the Signal Supervisor app provide visual feedback for installation and performance monitoring.

6. MAINTENANCE

Regularly check all cable connections to ensure they are secure. Keep the booster unit and antennas clean and free from dust or debris. Avoid placing the booster in areas with extreme temperatures or high humidity.

7. TROUBLESHOOTING

If you experience any issues with your HiBoost Hero Cell Phone Signal Booster, the HiBoost App offers one-on-one live tech support and guidance. The app can help diagnose problems and recommend adjustments for optimal booster performance. Common issues and their potential solutions are also detailed in the full user manual.

8. SPECIFICATIONS

- **Product Dimensions:** 1.3 x 5 x 7.6 inches

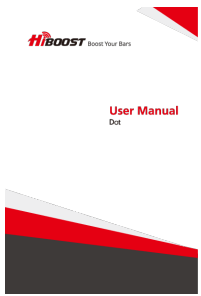
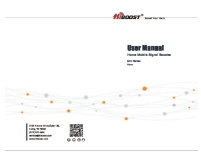

- **Item Weight:** 1.76 pounds
- **Item Model Number:** Hero Cell Phone Signal Booster
- **Supported Bands:** 2/4/5/12/13/17/25
- **Max Gain:** 65dB
- **Coverage Area:** Up to 3000 sq.ft
- **Wireless Communication Standard:** 802.11ac, Radio Frequency

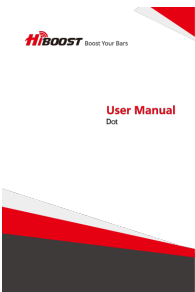

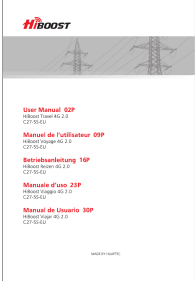
9. WARRANTY AND SUPPORT

HiBoost is committed to providing high-quality products and customer satisfaction. The Hero booster comes with:

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase.
- **3-Year Manufacturer's Warranty:** Covers defects in materials and workmanship.
- **Reliable Customer Support:** One-on-one live technical support and guidance are available through the HiBoost App (Signal Supervisor) to assist with installation and troubleshooting.

Related Documents - Hero Cell Phone Signal Booster

	<p>HiBoost Dot User Manual and Troubleshooting Guide</p> <p>Comprehensive user manual and troubleshooting guide for the HiBoost Dot cell signal booster, covering setup, LED indicators, and solutions for common signal issues.</p>
	<p>HiBoost Hero User Manual: Home Mobile Signal Booster</p> <p>This user manual provides detailed instructions for installing and operating the HiBoost Hero Home Mobile Signal Booster. Learn about its features, working principles, and troubleshooting to optimize your cellular reception.</p>
	<p>HiBoost Dot 2.0 Mini Series Installation Guide</p> <p>This document provides a comprehensive installation guide for the HiBoost Dot 2.0 Mini Series cell phone signal booster. It details package contents, step-by-step installation procedures, troubleshooting common issues, and technical specifications for optimal performance.</p>

 <p>The image shows the cover of the HiBoost Dot User Manual. It features the HiBoost logo at the top left, followed by the tagline 'Boost Your Best'. Below this, the title 'User Manual' is prominently displayed in red, with 'Dot' underneath it. The cover has a clean, white background with a red and black diagonal graphic element on the left side.</p>	<p>HiBoost Dot User Manual: Enhance Your Mobile Signal Coverage</p> <p>This user manual provides comprehensive instructions for installing and using the HiBoost Dot cell signal booster. Learn how to set up your device using the Signal Supervisor app or manual method, optimize antenna placement, and ensure peak performance for improved 5G/4G LTE coverage.</p>
 <p>The image shows the cover of the HiBoost 15K Smart Link Deluxe User Manual. It features the HiBoost logo at the top left. The title 'User Manual' is in the center, with '15K Smart Link Deluxe' below it. The cover includes a network diagram and a QR code at the bottom left.</p>	<p>HiBoost 15K Smart Link Deluxe User Manual: Mobile Signal Booster Guide</p> <p>Comprehensive user manual for the HiBoost 15K Smart Link Deluxe mobile signal booster. Learn about installation, operation, technical specifications, and troubleshooting to improve cellular reception in homes and businesses.</p>
 <p>The image shows the cover of the HiBoost Travel 4G 2.0 User Manual. It features the HiBoost logo at the top left. The title 'User Manual' is in the center, with 'Travel 4G 2.0' below it. The cover includes a list of languages: English, French, German, Italian, Spanish, and Chinese. It also features a small image of a vehicle and a QR code at the bottom left.</p>	<p>HiBoost Travel 4G 2.0 User Manual - Vehicle Signal Booster Installation and Operation Guide</p> <p>Comprehensive user manual for the HiBoost Travel 4G 2.0 vehicle signal booster. Covers installation, operation, troubleshooting, technical specifications, and warranty information for enhancing cellular reception in vehicles.</p>