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› SignalBrick K01 Pro Cell Phone Booster User Manual

SignalBrick K01 Pro

SignalBrick K01 Pro Cell Phone Booster User Manual

Model: K01 Pro (B0DHX4VVL9)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SignalBrick K01 Pro Cell Phone Booster. This device is designed to enhance 3G, 4G LTE, and 5G cellular signals within an indoor area, improving call quality and data speeds. Please read this manual thoroughly before installation to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the device or injury to yourself:

- Do not operate the booster near water or in excessively humid environments.
- Use only the provided power adapter. Using an unauthorized adapter may damage the device and void the warranty.
- Ensure all cables are securely connected before powering on the device.
- Avoid placing the booster in direct sunlight or near heat sources.
- Do not attempt to open or repair the booster unit. Refer all servicing to qualified personnel.
- Maintain a minimum separation distance of 20 cm (8 inches) between the indoor antenna and persons during operation.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x K01 Pro Signal Booster
- 1 x Outdoor Antenna
- 1 x Inside Antenna
- 1 x 60ft Coaxial Cable
- 1 x Power Supply
- 1 x Roof/Pole Mount Bracket (for Outdoor Antenna)

Package Contents



Image: Package Contents Diagram. This image illustrates the SignalBrick K01 Pro booster, outdoor antenna, indoor antenna, 60ft cable, power supply, and roof/pole mount bracket, along with their approximate dimensions.

4. PRODUCT OVERVIEW AND FEATURES

The SignalBrick K01 Pro is a five-band cell phone signal booster designed for home and office use, covering up to 3,000 sq. ft. It supports 3G, 4G LTE, and 5G networks across all major U.S. carriers.

- **Smart LCD Display:** Provides real-time indoor signal strength updates every 1.5 seconds and shows the operational status of each frequency band. This allows for easy monitoring of signal conditions.
- **Wide Carrier Compatibility:** Supports AT&T, Verizon, T-Mobile, Sprint, Straight Talk, U.S. Cellular, and other U.S. carriers.
- **Multi-User Support:** Allows multiple users and devices to benefit from improved signal strength simultaneously.
- **Extensive Coverage:** Boosts signal for areas up to 3,000 sq. ft., suitable for various indoor environments.
- **High Gain:** Offers a maximum gain of 72 dB for enhanced call quality and faster internet connections.
- **FCC Approved:** Certified by the FCC (FCC ID: A7V-SR75702001, HVIN: SR75702002D) for safe and legal

operation in the U.S.



Image: SignalBrick K01 Pro Cell Phone Booster. This image displays the main booster unit, the outdoor antenna, and the indoor antenna, highlighting the smart LCD display on the booster.

Package Contents

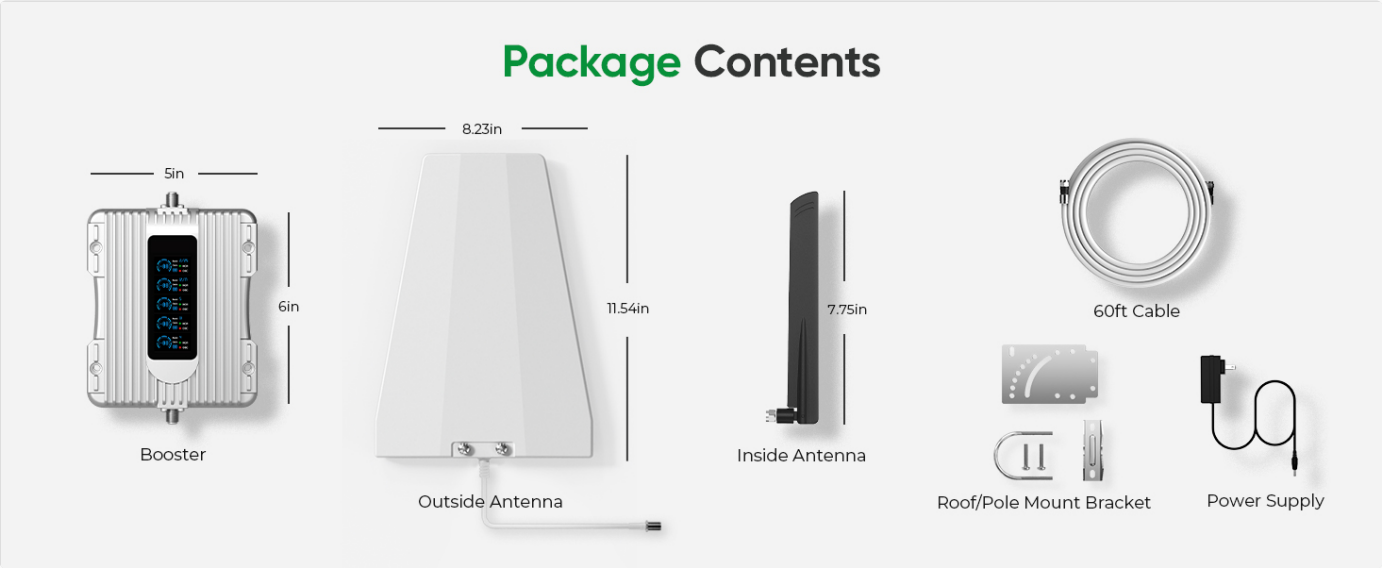


Image: Smart LCD Display Detail. This image provides a detailed view of the booster's LCD screen, illustrating how band numbers, gain, and operating status (NOR/OSC) are displayed for each frequency band. It also mentions fast heat dissipation.

5. PRE-INSTALLATION CHECKLIST

Before beginning installation, ensure the following:

- **Outdoor Signal Strength:** The booster requires an existing outdoor signal to amplify. Ensure you have at least one bar of stable outdoor signal where the outdoor antenna will be placed.
- **Frequency Band Compatibility:** Confirm your phone operates on one of the supported frequency bands: 12/17, 13, 5, 4/66, or 2/25. You can check this using the methods described in Section 6.4.
- **Required Tools:** Gather necessary tools such as a drill, ladder, cable ties, and a wrench.
- **Location Planning:** Identify optimal locations for the outdoor antenna, indoor antenna, and booster unit to maximize separation and signal coverage.

6. SETUP AND INSTALLATION GUIDE

Follow these steps for proper installation of your SignalBrick K01 Pro Cell Phone Booster.

6.1. How the System Works

The SignalBrick K01 Pro system works by capturing existing outdoor cellular signals, amplifying them, and then rebroadcasting the stronger signal indoors. Conversely, it captures indoor signals from your devices, amplifies them, and sends them back to the cell tower.



Image: How the Booster Works (Outdoor). This diagram shows a cell tower transmitting signal to an outdoor antenna mounted on a house, indicating the initial signal capture.



Image: How the Booster Works (Internal). This image illustrates the booster unit acting as an intermediary, connected to both the outdoor and indoor antennas, processing the signal.



Image: How the Booster Works (Indoor Result). This diagram depicts a user indoors experiencing improved signal strength on their phone, with the booster unit and indoor antenna visible.

6.2. Outdoor Antenna Placement

The outdoor antenna should be mounted at the highest point possible on your building, such as a roof or pole, and pointed towards the nearest cell tower. Ensure there is a clear line of sight to the tower if possible. The goal is to capture the strongest possible signal.

- Use the provided mounting bracket to secure the outdoor antenna.
- Point the antenna in the direction of the strongest outdoor signal. You may need to use a signal strength app on your phone or observe the booster's LCD display during tuning.
- Ensure the outdoor antenna is at least 30 feet (9 meters) horizontally and 20 feet (6 meters) vertically away from the indoor antenna to prevent oscillation.

Compatible with All U.S. Carriers

Coverage Up to 2500 Sq Ft



Image: Outdoor Antenna Placement. This image shows an outdoor antenna mounted on a house, receiving signal from a cell tower 3-5 miles away, and indicates compatibility with various U.S. carriers.

6.3. Indoor Antenna and Booster Unit Placement

The indoor antenna should be placed in the center of the area where you need improved signal. The booster unit should be placed in a well-ventilated area, away from direct sunlight and heat sources.

- Connect the 60ft coaxial cable from the outdoor antenna to the "OUTSIDE" port on the booster unit.
- Connect the indoor antenna to the "INSIDE" port on the booster unit.
- Ensure the indoor antenna is positioned to cover the desired area. Avoid placing it in a corner or behind large obstructions.
- Maintain the recommended separation distance between the indoor and outdoor antennas.

6.4. Checking Frequency Bands

To ensure your device is compatible and to assist with troubleshooting, you can check your phone's frequency band information:

For iPhone:

1. Dial ***3001#12345#*** then press the call button.
2. Choose "All Metrics" and then "Serving Cell Info".
3. Check "Band Info" to identify the active frequency band.

For Android Phone:

1. Download a network information app, such as "Network Cell Info Lite".
2. Open the app and navigate to the "GAUGE" section.
3. Check the "BAND" information displayed.



Image: Frequency Band Testing Methods. This image provides visual guides for checking cellular frequency bands on both iPhone (using Field Test Mode) and Android phones (using a third-party app like Network Cell Info Lite).

6.5. Powering On and Initial Check

Once all antennas and cables are connected, plug in the power supply to the booster unit and then into a power outlet. The booster will perform a self-test. Observe the LCD display for operational status.

- The LCD will show real-time signal strength and operational status for each band.
- A "NOR" (Normal) indicator means the band is operating correctly.
- An "OSC" (Oscillation) indicator means there is interference between the indoor and outdoor antennas. Refer to the Troubleshooting section.

7. OPERATING INSTRUCTIONS

The SignalBrick K01 Pro operates automatically once powered on and properly installed. The Smart LCD Display provides continuous feedback on its performance.

- **Monitoring Signal:** The display updates every 1.5 seconds, showing the current signal gain for each active frequency band. Higher negative numbers (e.g., -70 dBm) indicate a stronger signal than lower negative numbers (e.g., -100 dBm).
- **Status Indicators:**
 - **NOR (Normal):** Indicates stable operation for that frequency band.
 - **OSC (Oscillation):** Indicates feedback interference. This requires adjustment of antenna separation or orientation.

- **Optimal Performance:** For best results, ensure all active bands show "NOR" and the signal strength readings are as high (closer to 0) as possible.

8. MAINTENANCE

The SignalBrick K01 Pro requires minimal maintenance.

- **Cleaning:** Periodically wipe the booster unit and antennas with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Cable Inspection:** Annually inspect all cable connections for wear, damage, or loose fittings. Ensure outdoor cables are properly sealed against weather.
- **Antenna Position:** Verify that outdoor and indoor antennas remain securely mounted and correctly oriented.

9. TROUBLESHOOTING

If you experience issues with your SignalBrick K01 Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal improvement / Weak signal	◦ Insufficient outdoor signal. ◦ Outdoor antenna not pointed correctly. ◦ Insufficient separation between antennas. ◦ Loose cable connections. ◦ Incorrect frequency band.	◦ Relocate outdoor antenna to an area with stronger signal. ◦ Adjust outdoor antenna direction towards the nearest cell tower. ◦ Increase horizontal and vertical separation between indoor and outdoor antennas (minimum 30ft horizontal, 20ft vertical). ◦ Check all cable connections for tightness. ◦ Verify your phone's frequency band compatibility (see Section 6.4).
"OSC" (Oscillation) indicator on LCD	◦ Feedback loop between indoor and outdoor antennas.	◦ Increase the physical separation between the indoor and outdoor antennas. ◦ Ensure the outdoor antenna is not pointing towards the indoor antenna. ◦ Check for any metallic objects or obstructions causing signal reflection.
Booster unit not powering on	◦ Power adapter not connected. ◦ Power outlet malfunction. ◦ Damaged power adapter.	◦ Ensure power adapter is securely plugged into the booster and outlet. ◦ Test the power outlet with another device. ◦ Contact customer support if the power adapter is suspected to be faulty.

10. SPECIFICATIONS

Model	K01 Pro
Supported Networks	3G, 4G LTE, 5G
Supported Frequency Bands	12/17, 13, 5, 4/66, 2/25
Max Gain	72 dB

Coverage Area	Up to 3,000 sq. ft.
FCC ID	A7V-SR75702001
HVIN	SR75702002D
Item Weight	5.52 pounds (2.5 kg)
Package Dimensions	14.76 x 10.04 x 4.41 inches
Included Components	Booster, Outdoor Antenna, Indoor Antenna, 60ft Cable, Power Supply

FCC&IC Approved

FCC ID:A7V-SR75702002

HVIN: SR75702002D



IC :10198A-SR75702002

Image: FCC & IC Approved Label. This image shows the regulatory compliance label on the back of the booster unit, displaying the FCC ID and HVIN.

11. WARRANTY AND SUPPORT

The SignalBrick K01 Pro Cell Phone Booster comes with a 3-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact SignalBrick customer support. Refer to the product packaging or the official SignalBrick website for current contact information.

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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

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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