



# **User Manual**

HiBoost SLW Pro25-5S-BTW

# **Table of Contents**

<u>Topic</u>	<u>Page</u>
Package Content	
Introduction	3
How it Works?	3
Pre-Installation Instructions	•
Signal Supervisor Application Set-Up	5
SLW Installation (Signal Supervisor Application Method)	7
SLW Installation (LCD Display - Manual Method)	
Troubleshooting	
Authorized Accessories List	
FCC and IC Statements	
SLW Series Technical Specifications	19
Returns and Warranty Policy	20

# **Package Content**

Product Image	Minoss T		
Product Name	HiBoost SLW		
Model	Pro25-5S-BTW		
Power Supply	Input AC 100~240V, 50~60Hz, Output DC 12V/3A		

**NOTE:** Available accessories can be purchased through your Dealer. For a list of available accessories please visit www.hiboost.com.

### Introduction

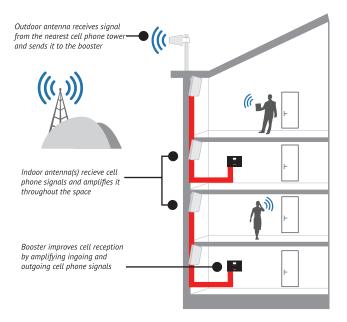
Thank you for purchasing HiBoost's SLW Cell Phone Signal Booster. The SLW is a precision engineered product that improve cell reception inside medium to large sized businesses by amplifying incoming and outgoing cell phone signals. The booster features Smart Link technology that allows you to monitor the status of your SLW from your mobile device and desktop using our cloud-based Signal Supervisor platform.

If you have any issues installing your SLW product, please contact HiBoost.

info@hiboostusa.com 972-870-5666 www.hiboost.com

Warning: Unauthorized antennas, cables, and/or coupling devices are prohibited by new FCC rules. Please contact FCC for details: 1-888-CALL-FCC

## **How the SLW Booster Works**



### Pre-Installation Instruction

HiBoost's SLW booster unit(s) and antennas must be strategically placed in order to provide maximum coverage.

For more help with planning out your booster and antenna system set-up, please call our technical support for a free RF floor plan analysis.

HiBoost's Signal Supervisor app, when installed on your mobile device, will allow you communicate with your booster remotely via Wi-Fi. It can also allow you to communicate with your booster locally via Bluetooth connection. The Signal Supervisor app allows you to optimize and remotely monitor Signal Supervisor enabled booster.

**NOTE:** Signal Supervisor enabled boosters must have access to the Internet via an active Wi-Fi connection. If you do not have an active Wi-Fi connection, use the alternate installation method via Bluetooth. If you have neither, please reference the manual installation method using the LCD display.

A "soft installation" is recommended before you permanently mount any equipment for your purchased booster system. This technique will simplify the installation process by allowing you to identify any possible installation issues beforehand.

Initially, you will need to connect all the provided components together in each location where the equipment will be installed. The booster system can then be turned on and tested.

NOTE: DO NOT permanently install any equipment or cabling yet.

Professional Installation Tips:

- Completely read the installation manual beforehand.
- Gather all necessary tools, materials, and accessories.
- Perform a "soft installation."
- Locate the best location for the indoor and outdoor antennas with the Signal Supervisor App.
- Ensure your indoor and outdoor antenna are well located, for strong signal performance from your booster.

## Signal Supervisor App Set-Up

Before installing the Signal Supervisor app, please have the booster unit and power supply nearby. This will make the installation process easier because it allows you to monitor your booster as you install your outdoor antenna. Make sure that the Bluetooth feature on your mobile device is enabled before you attempt to pair or "register" your booster with your mobile device.

NOTE: If you do not have access to the Signal Supervisor application with bluetooth or Wi-Fi, please review how to manually install the booster using the LCD Display.

#### Step 1: Download the Signal Supervisor App

- The application is available for download through Apple's App Store or Google Play.
- After installing the Signal Supervisor app, power up the booster in order to pair your mobile device with the booster.

#### Step 2: Create a New Account and Log-In

• Launch the app on your mobile device.

The app will ask if you would like to receive notifications. On the lower left-hand corner of the screen, select New Here? Sign Up!

- Select Choose Server > Select HiBoost Server
- Select Email Address > Enter email address
- Select **Send Code** > Do this last, skip to the next line
- Select **Password** > Enter a password

Read and accept the terms of use at the bottom of the screen.

• Select **Send code** > An activation code will be sent to your email address.

**NOTE:** Enter the code within one minute. If you fail to receive a code within one minute, repeat the procedure by selecting Send code again.

#### Step 3: Connect Booster to App via Bluetooth and WiFi

• Once you have completed entering the required information on the "Sign Up" screen, the Sign Up button will change from gray to red. After selecting Sign Up, the app will open to the home screen. At the bottom of the screen select **Tools** > **Register Device** > **Via Bluetooth**. You will be prompted with a list of detected blue tooth devices. Please scroll through the list and find your bluetooth device. Please find your device by referencing the your serial numbers on your box.



• Selecting your device from the "Device Connect" screen will take you to the "Network Settings" screen. At the top, select Wi-Fi before selecting your network from the list below. Enter your Wi-Fi password when prompted, then select **Join**.



- Choose a Network...
- Selecting "Join" will take you to the "Device Settings" screen. Once you have entered a "Device Name", "Device Location" and "Device Region", the Register button at the bottom of the screen will change from gray to red.
- Select Register. When the device registration is complete the screen will display "Register Success".
- Selecting Done will take you to the "Tools" screen/tab. You should now register, click your device and your booster can be monitored through your Wi-Fi network.
- Additionally, if you do not have WiFi, you can directly Select **Local Monitoring** > Via **Bluetooth** to local control. (Bluetooth capabilities will have a limitation of 30ft.)

**NOTE:** Please see the troubleshooting section of this manual for more information on making manual adjustments to your booster's performance.

## SLW Installation (Signal Supervisor App Method)

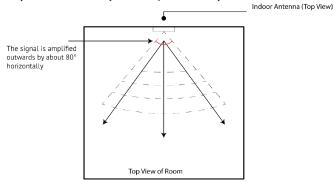
#### Step 1: Booster Installation

It is very important that you have a working system before permanently mounting your booster and antennas. If you are planning on expanding the indoor antenna distribution, please follow these initial steps before installing the any additional antennas.

The booster is designed for indoor use only and can be wall mounted with the bracket provided. Please place the booster unit with the indoor antenna in the room you plan to permanently install. The indoor antenna placement can be adjusted later after you have permanently installed the outdoor antenna.

#### Step 2: Indoor Antenna Installation

Before permanently installing the entire booster system, please place the connected indoor antenna in the room you plan to permanently install. The indoor antenna placement can be adjusted later after you have permanently installed the outdoor antenna.



The height above the floor of the indoor antenna can be varied to provide the best performance. A mounting distance of 4 ft to 6 ft above the floor is typical. The indoor antenna and the booster need to be separated by a minimum distance of 10 ft. The indoor and outdoor antennas need to be separated by a minimum distance of no less than 20 ft.

**NOTE:** Please remember that these two antennas cannot face each other.

(The panel antenna coverage area is a sector and has a tilted angle. The signal is amplified from the front of the indoor antenna at a horizontal angle of 80 degrees and vertical angle is 70 degrees. Please choose the best place to install the indoor antenna as per above instruction.

### **Key Concepts:**

- Indoor antenna location will affect booster performance and signal coverage
- •Separate the indoor antenna and booster by a minimum distance of 10 ft
- •Separate the indoor and outdoor antenna by a minimum distance of 20 ft
- •Do not face indoor and outdoor antennas towards each other
- •The booster unit is designed for indoor installation only

#### Step 3: Outdoor Antenna Installation

Connect the outdoor antenna to the booster's outdoor port. Push the antenna connector firmly into the antenna jack on the booster and turn the connector sleeve in a clockwise direction until it is tight.

After you connect the outdoor antenna, power on the booster and carry the connected antenna to your roof.

**NOTE:** Make sure the outlet is not on a switch or dimmer as this will cause the booster to malfunction.

#### Antenna Placement and Direction with the Signal Supervisor App

The Signal Supervisor App will help you locate the best location to install the outdoor antenna. Turn on your application once on your roof.

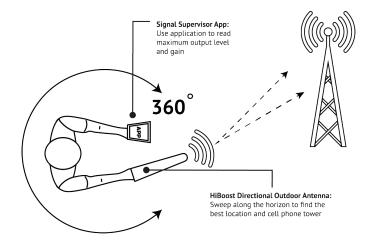
The outdoor antenna will perform best when it is installed above the highest point on your roof. Cell signal reception is strongest when the outdoor antenna is in "line of sight" and pointed directly at the closest cell tower. Please locate the nearest cell phone tower.

**NOTE:** To find cell towers located closest to your location, consult the following websites: www.antennasearch.com and www.cellreception.com.

Test several locations on your roof to determine the best location and aim your outdoor antenna in the best position. The Signal Supervisor app will assist you in reading signal strength during your tests. It is suggested that you repeat each test at each location, to ensure that the results are accurate. In some cases, your closest tower may not be ideal if it is in an area that receives a high volume of traffic.

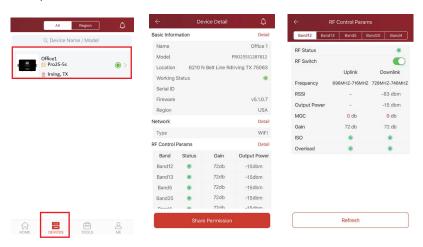
#### **Key Concepts:**

- Test several locations on your roof to determine the best location
- Repeat your testing to confirm your results
- Install antenna above the highest point on your roof for best performance
- Proper installation of the outdoor antenna is key to the performance of the booster
- An improperly installed outdoor antenna will degrade coverage inside your office or home



Temporarily fix the outdoor antenna on your roof and point it to the nearest cell tower. Look at the gain and output power value displayed on the Signal Supervisor App. Slowly rotate the direction of the antenna until the app shows maximum power. Once this is achieved, the location and aim of the outdoor antenna is good. The outdoor antenna receives the strongest signal when the booster's downlink output power reaches its highest level in each band.

Go to your App and find the **Device Tab > Your Device > Device Detail > RF Control Parameters.** This should take you to a screen that shows different bands that individual carriers operate on below.



NOTE: The maximum downlink power/downlink gain for SLW is 15 dBm/72 dB

#### Step 4: Finalizing Installation

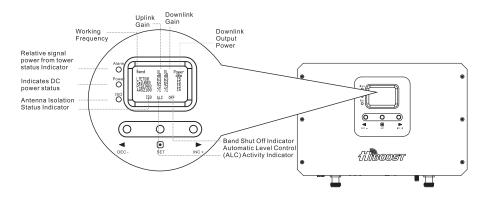
After confirming the best installation place of outdoor antenna, check if you have good coverage. You can verify coverage by making phone calls indoors. The ability to place and receive calls that do not drop, is more important than the number of bars dis played on your phone. Once you have confirmed that the system is operating correctly, you can permanently run your coax cables through walls and mount the booster, indoor and outdoor antennas with the supplied hardware once you have determined the ideal

#### **Key Concepts:**

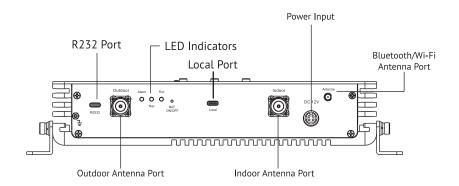
- Gently and gradually curve coax cable around corners. Never bend coax cable at a right angle when turning corners.
- Do not allow the coax cable to be crushed, never staple or nail through the jacket of the cable.
- Use electrical tape to seal outdoor connections. Also take care not to damage the center pin on the antenna cable connector.
- If you are routing coax cable through walls protect the connectors by wrapping a cloth rag around the connector and wrapping the cloth and a few inches of the insulation with electrical tape.

## **SLW Installation (LCD Display Manual Method)**

This is a backup method that can be used when the Wi-Fi and Bluetooth is unavailable. Before you use this method to install your booster, please take a moment to familiarize yourself with the LCD Display, LED Status Indicators and Control Buttons on the unit.



Front LCD Display and LED Lights



Bottom Ports and LED Lights

#### How to Set-Up Booster Manually

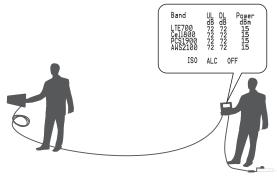
In order to do this efficiently, you can need to have a second person helping you.

**Step 1:** Connect the outdoor antenna to the booster's outdoor port.

**Step 2:** Fix the outdoor antenna on the roof of the building and point it to the nearest cell tower.

**Step 3:** Look at the gain and output power value displayed on the booster's LCD. The outdoor antenna receives the strongest signal when the booster's downlink output power reaches its highest level in each band.

**NOTE:** If the LCD display shows maximum gain and power, and there are not any alarms (no ISO, ALC, OFF legend flashing and no quick flashing green or red in LEDs), it means the present location is the best for ensuring that the booster has maximized performance.



**NOTE:** The maximum downlink power/downlink gain for SLW is 15 dBm/72 dB

**NOTE:** These showed values may vary dynamically at times between 1-3 dB which is normal due to outdoor signal conditions.

The booster has self-adaptive smart Automatic Level Control (ALC) and Isolation Gain Processing (ISO). These controls are sufficient to keep the booster working properly. When the ALC or ISO is adjusting the gain at a very high rate and either ALC or ISO LED is flashing more than once, a manual adjustment might be required to maintain proper coverage from the booster. Please refer to our troubleshooting section and contact our customer support.

## **Quick Troubleshooting Guide**

Eliminate Flashing ISO LCD Display Indicator and Quick Flashing Green, Quick Flashing Red ISO LED Indicator problems:

- **1.** Adjust the outdoor antenna direction, keeping it away from the indoor antenna. Restart the booster.
- 2. Increase the vertical or horizontal distance between the outdoor antenna and the indoor antenna. Restart booster.
- **3.** Use barriers such as walls to increase the isolation between antennas. Re start booster.
- **4.** Change the indoor antenna type to an antenna with a more directional antenna pattern. Orient the indoor antenna and the outdoor antenna so they are not pointing at each other.
- **5.** Reduce the booster's downlink gain using the manual gain controls. Keep the uplink gain value and downlink gain value the same. Restart booster.

**NOTE:** Uplink gain must be equal to or not less than 5dB below the downlink gain to avoid interference with the local carrier's cell site network.

Target: The ISO issues are solved when the ISO LED is "Green" or "Slow Flashing Green" or no flashing ISO legend.

# Eliminate poor coverage problems when Power "—" legend on LCD and Alarm LED is Green

- **1.** If the signal has not been improved, please check below:
  - The weak downlink signal leads to the low output signal level. Change the direction or position of the outdoor antenna. You may also try replacing the outdoor antenna with a higher gain antenna to increase the incoming signal
  - Check to see if it is necessary to add more indoor antennas. Barriers such as walls can block the signal indoors. You should also check the booster to make sure the power is maximized. Try installing more indoor antennas or replace the booster with a higher powered one
- **2.** If the signal in a small section of the building hasn't been improved, try the following:
  - Check to see if the indoor antenna is installed correctly. Try moving the antenna to improve coverage
  - Try adjusting the direction the indoor antenna is pointing

### Other Troubleshooting Issues

You may reference the chart below to identify the current status of your booster. If you are having issues with any of the following LED status indicators, please contact our technical support at **info@hiboostusa.com** or give us a call at **972-870-5666**.

LED STATUS INDICATORS					
LED	STATUS	INDICATION			
Alarm LED	GREEN	Below full output power			
	SLOW FLASHING GREEN	Full output power			
	QUICK FLASHING GREEN	Output power is too high			
	QUICK FLASHING RED	Booster will automatically shut off due to excessive DL signal from tower			
Power LED	GREEN	Normal			
	OFF	DC Power Problem			
ISO LED	GREEN	Indicates oscillation status			
	SLOW FLASHING GREEN	Slight loop back or self-oscillation			
	QUICK FLASHING GREEN	Deep loop back or self-oscillation			
	QUICK FLASHING RED	Booster is automatically shutting off			

### **Authorized Indoor Accessories List**

These accessories are approved by the FCC to be used with all boosters:

#### **Outdoor Antenna & Cable Kit Options**

Kit numbers: 11-100400

Wide Band Directional Antenna with 100' 400 N male

Kit numbers: 11-75400 Wide Band Directional Antenna with

75' 400 N male Kit numbers: 11-50400

Wide Band Directional Antenna with 50' 400 N male

Kit numbers: 11-30400

Wide Band Directional Antenna with 30' 400 N male

Kit numbers: 11-100300

Wide Band Directional Antenna with 100' 300 N male

Kit numbers: 11-75300

Wide Band Directional Antenna with 75' 300 N male

Kit numbers: 11-50300

Wide Band Directional Antenna with 50' 300 N male

Kit numbers: 11-30300

Wide Band Directional Antenna with 30' 300 N male

Kit numbers:10-100400

Panel Antenna with 100' 400 N male Kit numbers:10-75400 Panel Antenna with 75' 400 N male

Kit numbers:10-50400

Panel Antenna with 50' 400 N male Kit numbers:10-30400

Panel 10dbi Antenna with 30' 400 N male Kit numbers:10-100300

Panel Antenna with 100' 300 N male Kit numbers:10-75300

Panel Antenna with 75' 300 N male

Kit numbers:10-50300

Panel Antenna with 50' 300 N male Kit numbers:10-30300

Panel Antenna with 30' 300 N male Kit numbers:9-100400

Wide Band Directional Antenna with

100' 400 N male Kit numbers:9-75400

Wide Band Directional Antenna with 75' 400 N male

Kit numbers:9-50400

Wide Band Directional Antenna with 50' 400 N male

Kit numbers:9-30400

Wide Band Directional Antenna with 30' 400 N male

Kit numbers:9-100300

Wide Band Directional Antenna with 100' 300 N male

Kit numbers:9-75300

Wide Band Directional Antenna with 75' 300 N male

Kit numbers:9-50300

Wide Band Directional Antenna with 50' 300 N male

Kit numbers:9-30300

Wide Band Directional Antenna with 30' 300 N male

Kit numbers:7-100400

Panel Antenna with 100' 400 N male Kit numbers:7-75400

Panel Antenna with 75' 400 N male Kit numbers:7-50400

Panel Antenna with 50' 400 N male

Kit numbers:7-30400

Panel Antenna with 30' 400 N male Kit numbers:7-100300

Panel Antenna with 100' 300 N male

Kit numbers:7-75300

Panel Antenna with 75' 300 N male

Kit numbers:7-50300 Panel Antenna with 50' 300 N male

Kit numbers:7-30300

Panel Antenna with 30' 300 N male

Kit numbers:5-10400 Omni Directional Antenna with

100' 400 N male

Kit numbers:5-75400

Omni Directional Antenna with 75' 400 N male

Kit numbers:5-50400

Omni Directional Antenna with 50' 400 N male

Kit numbers:5-30400

Omni Directional Antenna with

30' 400 N male Kit numbers:5-100300

Omni Directional Antenna with

100' 300 N male Kit numbers:5-75300

Omni Directional Antenna with

75' 300 N male

Kit numbers:5-50300

Omni Directional Antenna with 50' 300 N male

Kit numbers:5-30300

Omni Directional Antenna with

30' 300 N male

#### **Indoor Antenna & Cable Kit Options**

Kit numbers:102-100400-50

Panel Antenna with 100' 400 N male & a 50 Ohm 2-Way Splitter Kit numbers:102-75400-50

Panel Antenna with 75' 400 N male & a 50 Ohm 2-Way Splitter

Kit numbers:73-75400-50

Panel Antenna with 75' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:73-50400-50

Panel Antenna with 50' 400 N male & a 50 Ohm 3-Way Splitter

Kit numbers:33-100400-50

Dome Antenna with 100' 400 N male & a 50 Ohm 3-Way Splitter

Kit numbers:33-75400-50

Dome Antenna with 75' 400 N male & a 50 Ohm 3-Way Splitter

Panel Antenna with 100' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:103-75400-50 Panel Antenna with 75' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:103-50400-50 Panel Antenna with 50' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:103-30400-50 Panel Antenna with 30' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:104-100400-50 Panel Antenna with 100' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:104-75400-50 Panel Antenna with 75' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:104-50400-50 Panel Antenna with 50' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:104-30400-50 Panel Antenna with 30' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:102-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 2-Way Splitter Kit numbers:102-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 2-Way Splitter Kit numbers:103-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:103-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:103-50300-50 Panel Antenna with50' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:104-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:104-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:104-50300-50 Panel Antenna with 50' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:72-100400-50 Panel Antenna with 100' 400 N male & a 50 Ohm 2-Way Splitter Kit numbers:72-75400-50 Panel Antenna with 75' 400 N male & a 50 Ohm 2-Way Splitter Kit numbers:73-100400-50 Panel Antenna with 100' 400 N male

& a 50 Ohm 3-Way Splitter

Kit numbers:103-100400-50

Kit numbers:73-30400-50 Panel Antenna with 30' 400 N male & a 50 Ohm 3-Way Splitter Kit numbers:74-100400-50 Panel Antenna with 100' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-75400-50 Panel Antenna with 75' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-50400-50 Panel Antenna with 50' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-30400-50 Panel Antenna with 30' 400 N male & a 50 Ohm 4-Way Splitter Kit numbers:72-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 2-Way Splitter Kit numbers:72-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 2-Way Splitter Kit numbers:73-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:73-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:73-50300-50 Panel Antenna with 50' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:73-30300-50 Panel Antenna with 30' 300 N male & a 50 Ohm 3-Way Splitter Kit numbers:74-100300-50 Panel Antenna with 100' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-75300-50 Panel Antenna with 75' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-50300-50 Panel Antenna with 50' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:74-30300-50 Panel Antenna with 30' 300 N male & a 50 Ohm 4-Way Splitter Kit numbers:3-100400-50 Dome Antenna with 100' 400 N male Kit numbers:3-75400-50 Dome Antenna with 75' 400 N male Kit numbers:3-50400-50 Dome Antenna with 50' 400 N male Kit numbers:32-100400-50 Dome Antenna with 100' 400 N male & a 50 Ohm 2-Way Splitter Kit numbers:32-75400-50 Dome Antenna with 75' 400 N male & a 50 Ohm 2-Way Splitter

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#### FCC RF EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instruction for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

#### IC RF EXPOSURE STATEMENT

The device is compliance with RF exposure limits. The minimum distance from body to use the device is 20 CM.

Le présent appareil est conforme aux conformité ou aux limites d'intensité de champ RF. La distance minimale du corps à utiliser le dispositif est de 20 CM.

#### This is a **CONSUMER** device.

**BEFORE USE**, you **MUST REGISTER THIS DEVICE** with your wireless provider and have your provider's consent. Most wireless providers 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 antennas and cables as specified by the manufacturer. Antennas **MUST** be installed least 20 cm (8 inches) from (<u>i.e.</u>, <u>MUST NOT</u> be installed within 20 cm of) any person.

You **MUST** cease operating this device immediately if requested by the FCC (or ISED in Canada) 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 (i.e., may operate in a fixed location only) for in-building use.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by HiBoost could void the user's au thority to operate the equipment.

Note: For a complete list of antennas and cables approved for use with these boosters see Authorized Kitting Options.

**FCC 27.50(d)(4)Statement:** Fixed, mobile, and portable (handheld) stations operating in the 1710-1755 MHz band are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground.

#### **FURTHER INFORMATION ON SIGNAL BOOSTER END-USE REGISTRATION**

The following links are the currently active contacts for booster registration with U.S. wireless providers:

https://www.uscellular.com/uscellular/support/fcc-booster-registration.jsp

https://www.sprint.com/legal/fcc boosters.html

https://www.verizonwireless.com/solutions-and-services/accessories/register-signal-booster/

https://support.t-mobile.com/docs/DOC-9827

https://securec45.securewebsession.com/attsignalbooster.com/

**IC Statement:** This device complies with Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/ NMB-3(B).

Le présent appareil est conforme Innovation, science et développement économique Canada ICES-003 Étiquette de conformité: CAN ICES-3 (B) / NMB-3 (B).

Link to CPC-2-1-05

http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08942.html

# **Technical Specifications**

RF Parameter		Uplink	Downlink	
	700MHz Band 12/17	698~716 MHz	728~746 MHz	
	700MHz Band 13	776~787 MHz	746~757 MHz	
Frequency Range	800MHz Band 5	824~849 MHz	869~894 MHz	
	PCS1900 Band 25/2	1850~1915 MHz	1930~1995 MHz	
	AWS2100 Band 4	1710~1755 MHz	2110~2155 MHz	
	700MHz Band 12/17	18 MHz		
	700MHz Band 13	11 MHz		
Band width	800MHz Band 5	25 MHz		
	PCS1900 Band 25/2	65 MHz		
	AWS2100 Band 4	45 MHz		
Max. Gain		72 dB		
Max. output power	er	17~24 dBm	15 dBm	
MGC (Step Attenuation )		$\geq$ 25 dB / 1 dB step		
Electrical Paramete	er	Standard		
Power Supply		Input AC 100~240 V, 50~	60 Hz, Output DC 12 V / 3 A	
Input & Output Impedance		50 ohm		
Mechanical Paran	neter	Standard		
I /O Port		N-Female		
Dimensions		11*7.3*2.2 inch / 280*185*55 mm		
Weight		≤ 11 lbs / 5 kg		

## **Returns and Warranty Policies**

**30-Day Money-Back:** All HiBoost products are protected by a 30-day money-back guarantee. If for any reason the performance of any product is not acceptable, the product may be returned to the reseller with a dated proof of purchase.

**3-Year Warranty:** HiBoost signal boosters and kits are warranted for 3 years. Customers can choose to return the signal boosters and kits directly to the manufacturer at the purchaser's expense with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by HiBoost. HiBoost will repair or replace the unit and will cover the cost of delivery for consumers located within the continental U.S and Canada.

This warranty does not apply to any signal boosters or kits determined by HiBoost to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties. We do not recover any Signal Supervisor application network connectivity issues. The cell phone booster relies on a strong, continuous and reliable connection to the internet in order to communicate with the cell phone application. For all Signal Supervisor Application related issues, please check your network strength and call our technical support. Failure to use a surge protected AC power strip with at least a 1000 Joule rating will void your warranty. Damage caused by lightning is not covered by this warranty.

All HiBoost products that are packaged with other HiBoost accessory products are intended for resale and used as a single integrated system. Such product kits are required to be sold to the end users or subsequent reseller as packaged. RMA numbers may be obtained by contacting Technical Support at 972-870-5666.

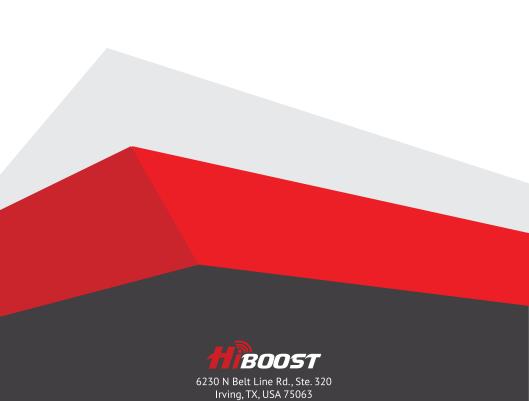












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