



User Manual 02P

HiBoost Travel 4G 2.0
C27-5S-EU

Manuel de l'utilisateur 09P

HiBoost Voyage 4G 2.0
C27-5S-EU

Betriebsanleitung 16P

HiBoost Reizen 4G 2.0
C27-5S-EU

Manuale d'uso 23P

HiBoost Viaggio 4G 2.0
C27-5S-EU

Manual de Usuario 30P

HiBoost Viajar 4G 2.0
C27-5S-EU

Table of Content

Usage And Installation Restrictions	3
Package Content	4
Introduction	4
How Signal Boosters Work	5
Pre-Installation Instructions	5
Installation – Signal Supervisor App	5
Installation – Manual Method	6
Troubleshooting Guide	7
Technical Specifications	8
Return and Warranty Policies	8



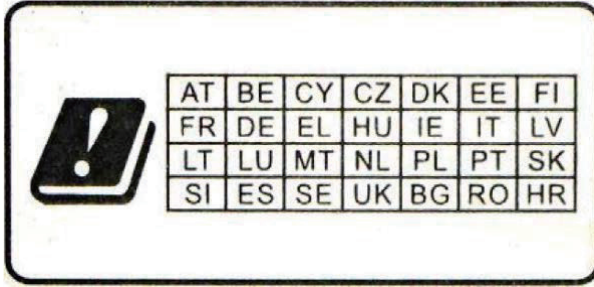
AT	BE	CY	CZ	DK	EE	FI
FR	DE	EL	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT	SK
SI	ES	SE	UK	BG	RO	HR

SAFETY WARNINGS

Users must follow the principles stated below:

- Booster should follow system requirements of mobile signal enhancement equipment, assure good grounding and lightning protection.
- Booster's power supply voltage should meet the standards of security requirements; any operation should be carried out only after cutting off power in advance. Only professionals are authorized for the operation.
- Do not dismantle the booster, maintain or displace accessories by yourself. In this way the equipment can be damaged and you can even get an electric shock.
- Do not open the booster, touch the module of booster, or open the cover of module to touch the electronic component. The components will be damaged due to electrostatic.
- Keep away from heating equipment, because the booster will dissipate heat during working. Do not cover the booster with anything that influences heat-dissipation.
- The device has a plug connection, the socket must be close to the device and accessible.
- During the transportation and storage the device should be protected against humidity, violent impact and strong vibration.
- Operating Temperature range is -10 - +55 degree Celsius.
- Body Separation distance is 50cm by using the procedure of MPE calculation.

USAGE AND INSTALLATION RESTRICTIONS



Signal booster devices for GSM 900 MHz, GSM 900 / UMTS 1800 MHz, GSM 900 / UMTS 2100 MHz and 2600 MHz may only be installed by GSM / UMTS mobile network operators, holders of the corresponding licenses and in each case within the frequencies assigned to them, since they are broadband amplifiers acts.

The new HiBoost generations are self-regulating and switch themselves off in critical situations because they are equipped with C.A.S. (automatic shutdown control). If installed incorrectly, these systems can cause serious disruptions to mobile network operators, with legal and economic consequences for the owner of the kit and the installer who installed the antennas.

Huaptec Telecom GmbH assumes no liability for incorrect installation by inexperienced and unqualified personnel or in any case by personnel without the necessary equipment and license.

Furthermore, Huaptec Telecom GmbH also assumes no liability for improper use of the field expansion kits due to incorrect positioning and alignment of the external and internal antennas, which can cause problems for other users or disruptions to mobile network operators and providers.

Package Content

HiBoost Travel 4G 2.0 C27-5S-EU	Indoor Antenna	Outdoor Magnetic Antenna	Power Supply

Warning: Un-authorized antennas, cables, and/or coupling devices are prohibited for use

Introduction

Thanks again for purchasing a HiBoost Travel 4G 2.0 Booster! Our new travel signal booster is a precision-engineered product that improves cellular reception inside any kind of vehicles.

HiBoost's exclusive cloud-based Signal Supervisor mobile application allow users to monitor the live status of HiBoost cell phone signal boosters remotely from a mobile device anywhere, at any time.

If there are any issues while installing a HiBoost cell phone signal booster, please contact the HiBoost technical support team through the following options:

24/7 Online Support: Create a ticket or chat via Signal Supervisor App

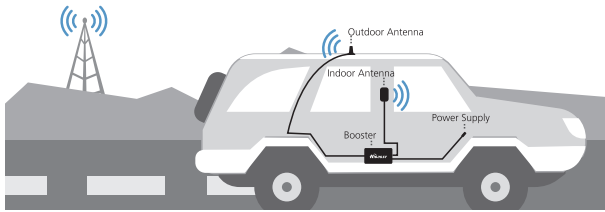
Phone: +44 20 3239 5808
+44 20 3239 5802
+44 20 8144 7969

Email: sales@huaptec.eu
sales1@huaptec.eu
sales2@huaptec.eu

Website: www.hiboost.com/eu/

How Signal Boosters Work

The system amplifies the signal from the nearest tower and retransmits the amplified signal to any type of cellular device in the car. Since it is a wide-band booster, it will boost 2G, 3G and 4G LTE signal for all EU carrier networks.



Pre-Installation Instructions

HiBoost's Travel 4G 2.0 vehicle booster units and antennas must be strategically placed in order to perform and provide maximum coverage.

The HiBoost Signal Supervisor app allows users to communicate to the Travel 4G 2.0 signal booster via Bluetooth or Wi-Fi connection. Once registered, the user can remotely monitor the travel booster's performance.

Note: Signal Supervisor enabled boosters must have access to a Bluetooth enabled device in order to connect to the booster.

Professional Installation Tips:

- For a fast and optimized installation, it is strongly recommended that users install HiBoost products using the Signal Supervisor mobile application.
- Read the user manual completely and gather all the necessary tools, material and accessories before installing the booster
- A "soft installation" is recommended before permanently mounting any equipment – this technique will simplify the installation process by allowing users to identify any potential installation issues beforehand
- The Signal Supervisor App integrates a tool that will help users locate the best location for the outdoor antenna.
- The Quick Install Guide in the Signal Supervisor App provides detailed instructions for placement of both the outside and inside antennas (referred to hereafter as "Location Out", and "Location In"), to help you achieve the maximum gain.

Installation – Signal Supervisor App

Before installing the Signal Supervisor App, please have the booster unit that is powered on and nearby.

Note: Enable the Bluetooth and Location services on your smart phone before attempting to register the booster to the mobile device.

Step 1: Download the Signal Supervisor App

- The application is available for download through Apple's App Store or Google Play

Step 2: Create a new account and Log-in.

- Launch the app on your mobile device.
- Select the **HiBoost Server**.
- Log-in with an existing account, create a new one.

Step 3: Register the Booster by adding a device on the home menu

Go to My Devices > Add a Device

Step 4: Access the Quick Installation Guide after registering the booster. You can also access the guide by following:

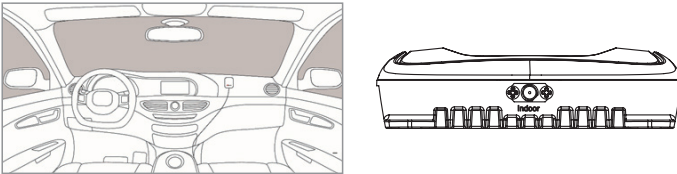
Go to My Devices > Select the Booster > Device Details > Quick Install Guide

Note: Bluetooth connections are limited to a range of only 30ft/9m. If there are any issues installing the booster, please contact our technical support team via the Online Support Chat.

Installation – Manual Method

Before beginning the installation, it is important that users survey and plan the layout of the vehicle booster system. Please review the following instructions before attempting to install this system.

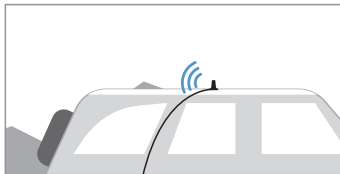
1. Mount or place the indoor antenna at the location which has been found in the Pre-Installation Instructions called "Location In", and connect it to the booster.



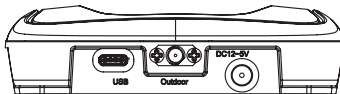
Note: Ensure that the front of the patch is facing in the direction where you would want signal to be distributed.

WARNING: DO NOT MOUNT THE INDOOR ANTENNA ON WHERE AIRBAGS WILL DEPLOY

2. Mount the outdoor antenna on the top of the vehicle at the location which has been found in Pre-Installation Instruction called "Location Out", and connect it to the booster. Keep the outdoor antenna 30cm away from windows(including the sunroofs).



3. Plug-in the DC power supply and power on the booster



Note: The booster will flash blue lights that will last for about 20 seconds while it is adjusting to the current network environment.

Troubleshooting Guide

LED STATUS INDICATORS		
Alarm LED	Solid blue	Below full output power
	Slow flashing blue	Full output power
	Quick flashing blue	Output power is too high
	Quick flashing red	Booster will automatically shut down excessive downlink signal
Bluetooth LED	Slow flashing blue	Bluetooth disconnected
	Quick flashing blue	Bluetooth connected

Common Issues	Troubleshooting Instructions
The vehicle booster is installed but there's still no signal	Check to see if the vehicle is started. Double check connections to make sure none are loose.
The signal is not stable after turning on the booster power	Check that the outdoor signal is stable by referring to your mobile device and checking your coverage.
The Alarm LEDs are quick flashing blue or red or off	Check to make sure vehicle is not parked too close to a cell tower.
There is No Power	Check that the booster is turned on and the DC power outlet is plugged into the DC 12V port or lighter adapter

For more information or technical support, please contact our team.

Phone: +44 20 3239 5808
+44 20 3239 5802
+44 20 8144 7969

Email: sales@huaptec.eu
sales1@huaptec.eu
sales2@huaptec.eu

Website: www.hiboost.com/eu/

Technical Specifications

RF Parameter	Uplink	Downlink	
Frequency Range	800 MHz	832~862 MHz	791~821 MHz
	900 MHz	880~915 MHz	925~960 MHz
	1800 MHz	1710~1785 MHz	1805~1880 MHz
	2100 MHz	1920~1980 MHz	2110~2170 MHz
	2600 MHz	2500~2570 MHz	2620~2690 MHz
Max. Gain	50dB	50dB	
Max. Power	17 dBm	6 dBm	
Electrical Parameter			
Power Adapter	Input DC 12-24V, output DC 5V/3A		
Input & Output Impedance	50 ohm		
Mechanical Parameter			
I/O Port Type	SMA-Female		
Environment Parameter			
Operating Temperature	-25°C~+55°C		
Storage Temperature	-40°C~+80°C		
Relative Humidity	95%		
Barometric Pressure	55 kPa -106 kPa		
Environment Conditions	IP40		

Return and Warranty Policies

60-Day Money-Back Guarantee: If for any reason the performance of any product is not acceptable, the product may be returned to the reseller within 60 days with a proof of purchase. Please contact the HiBoost customer support.

2-Year Warranty: HiBoost signal boosters and kits are warranted for 2 years. Huaptec offers two options for the products under warranty: repair or replace. This warranty does not apply to any signal boosters or kits determined by HiBoost to have been subjected to tampering, misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.

All HiBoost products that are packaged with other HiBoost accessory products are intended for resale and use as a single integrated system. Such product kits are required to be sold to an end-user or a subsequent reseller as packaged.

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.