weboost®

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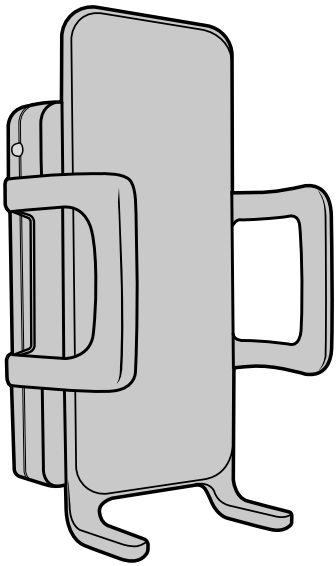

Drive 3G-S

Cellular Signal Booster

A512626

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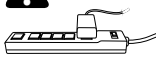


IT IS VERY IMPORTANT TO POWER YOUR SIGNAL BOOSTER USING A SURGE PROTECTED AC POWER STRIP WITH AT LEAST A **1000 JOULE RATING.**

FAILURE TO DO THIS WILL VOID YOUR WARRANTY IN THE EVENT OF A POWER SURGE OR LIGHTNING STRIKE.

THE SIGNAL BOOSTER UNIT IS DESIGNED FOR USE IN AN INDOOR, TEMPERATURE-CONTROLLED ENVIRONMENT (LESS THAN 150 DEGREES FAHRENHEIT). IT IS NOT INTENDED FOR USE IN ATTICS OR SIMILAR LOCATIONS SUBJECT TO TEMPERATURES IN EXCESS OF 65º C.

Contents

Drive 3G-S Cellular Signal Booster 900 / 2100 MHz
Model #512626

Inside this Package

Drive 3G-S®

Mini-Magnet Mount Antenna **(301126)**

DC Plug-In Power Supply & USB cable **(859910)**

Vehicle Dash Adhesive Mounting Bracket

Adjustable Arms

Appearance of device and accessories may vary.

Optional Accessories

AC Power Supply **(859108)** & USB Cable **(859977)**

Antenna Window Mount (Used with Mini-Magnet Mount Antenna) **(901128)**

Adjustable Desk Mount **(901137)**

Gooseneck Suction Cup Cradle Mount **(901120)**

Cup Holder Cradle Mount **(901130)**

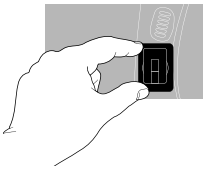
Vehicle Dash Mounting Kit *-Rugged/Screw Mount- -Adhesive Mount- -Vent Clip Mount-* **(901134)**

Mobile Power Supply **(859984)**

Installation Options

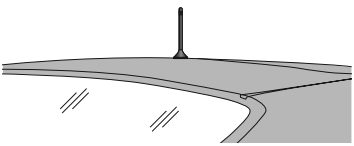
Vehicle Installation Option

1. Attach the Mounting Bracket to the vehicle's dashboard.
   - Clean the area where the bracket is to be mounted with the alcohol wipe included. Allow the area to dry.
   - Peel the backing to expose the adhesive and press the bracket onto the desired location on the dashboard. NOTE: Be sure the tab is positioned vertically.

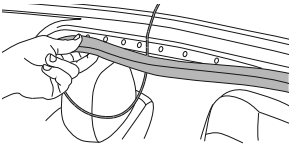


   - Allow the adhesive to cure for 24 hours before you attach the Drive 3G-S (Step 4).
2. Install the Outside Antenna. Select a location on top of the car that is:
   - Near the center of the vehicle's roof.
   - At least 31cm from any other antennas.
   - Free of obstructions.
   - At least 16cm from any windows (including sunroofs).

   The Outside Antenna must be installed vertically.



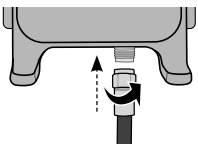
3. Run the Outside Antenna cable into the car. The cable is strong enough that it may be shut in most vehicle doors without damaging the cable. For a cleaner look, carefully pull down the door seal, run the cable under the seal, and push the seal back into place. This method reduces wear on the cable as the door opens and closes.



4. Attach the Drive 3G-S to the Mounting Bracket. After waiting 24 hours for the adhesive on the bracket to cure, attach the Drive 3G-S by aligning the rectangular hole on the back of the Drive 3G-S with the tab on the Mounting Bracket, grasping the sides of the Drive 3G-S, and sliding it downward approximately 6mm into place.

   The Mounting Bracket is designed to swivel for more convenient viewing angles. Once the Drive 3G-S is in place, you can adjust the angle of the bracket by loosening the knurled nut, applying gentle pressure to the top or bottom of the Drive 3G-S, and then tightening the nut when the desired angle is achieved.

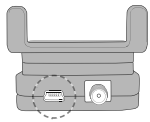
5. Attach the antenna to the Drive 3G-S. Connect the cable from the Outside Antenna to the antenna connector on the bottom of the Drive 3G-S. Do NOT plug in the power supply (next step) until the Outside Antenna cable is connected to the Drive 3G-S.



   Note: The Drive 3G-S has a convenient mini-USB charging port located on the right side of your booster. This port allows for charging your phone or device. WeBoost offers several cables for this purpose

   - 859966, mini-USB to mini-USB
   - 859979, mini-USB to iPhone (up to 4S)
   - 859967, mini-USB to micro-USB

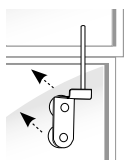
6. Power up your Drive 3G-S. Connect the power cable to the mini-USB port on the bottom of the Drive 3G-S. Then insert the adapter into the vehicle 12V DC power source. Use only the supplied weboost power supply. While the Drive 3G-S may remain on, leaving the Drive 3G-S on in a vehicle when it is not running may discharge the battery in a day or two. Also note that some 12V DC power sources are shut down when the vehicle ignition is turned to off. Use a Bluetooth headset, wired hands-free device or speakerphone for talking on the phone.



In-Building Installation Option

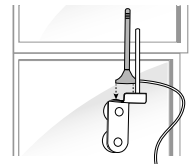
Note: Home Office Accessory Kit sold separately

1. Install the Outside Antenna to a window. For best results:
   - Select a window on the side of the building where you get the strongest cell signal.
   - Attach the suction cup bracket (sold separately) to the inside of a window so the cable will reach the location of the Mounting Bracket and Drive 3G-S. Place the bracket as high on the window as possible.



NOTE: Many modern energy efficient dual pane windows use a metal coating that may decrease the strength of a cellular signal, reducing the effectiveness of the Drive 3G-S. If you have dual pane windows, consider a weBoost product that provides an option for mounting an antenna on an outside wall or roof of a building.

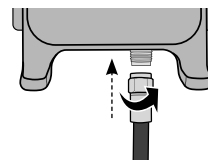
   - With the bracket in place, attach the magnet base of the antenna to the flat surface of the bracket. The antenna must be mounted vertically for the best signal.



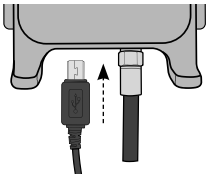
2. Install the Mounting Bracket and Drive 3G-S.

Put your Drive 3G-S in the Mounting Bracket (see instructions under Vehicle Installation) and place it in a convenient location such as a desk or table top in the room where you will use the phone. The location should be at least three feet from the Outside Antenna to avoid oscillation (feedback). Your cell phone must be in the cradle for the Drive 3G-S to amplify the signal. Use a Bluetooth headset, wired hands-free device or speakerphone for talking on the phone.

3. Attach the antenna to the Drive 3G-S. Connect the cable from the Outside Antenna to the antenna connector on the bottom of the Drive 3G-S. Do NOT plug in the power supply (next step) until the Outside Antenna cable is connected to the Drive 3G-S.



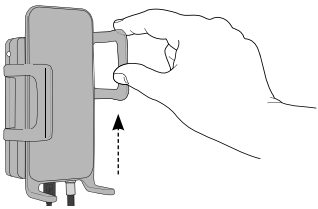
4. Power up your Drive 3G-S. Connect the power cable to the mini-USB port on the bottom of the Drive 3G-S. Then insert the adapter into the AC power supply (859108 & 859108/859977 cable), sold separately. Use only the supplied weboost power supply.



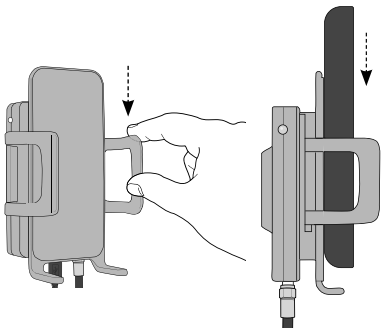
Adjusting the Drive 3G-S Arms

Various sized arms are included with your Drive 3G-S. These provide you with options to customize the Drive 3G-S to fit virtually any cell phone.

- To change arms, gently lift the arm upward until the arm slides free from the Drive 3G-S.

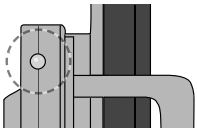


- To reposition arms, move the arm above a different slot on the Drive 3G-S and gently slide the arm down until the arm is firmly in place. Your cell phone must be in the cradle for the Drive 3G-S to amplify the signal.



Troubleshooting & Understanding the Light

The light on the side of the Drive 3G-S indicates whether the system is working or if there are problems. Take the following steps based on the indicator light color when using the Drive 3G-S.



Light off: If the light is not on:

- Check connections on the power supply to see that it is firmly plugged into both the Drive 3G-S and the power source.
- If using a DC power supply in your vehicle, ensure the power supply is properly inserted. Then check the 12 volt power from the car socket and the fuse. Replace the fuse if necessary.
- If using a power strip in a building, ensure the power strip is plugged in and turned on and that power is coming from the outlet.

Red light: A red light indicates the Drive 3G-S has powered down to protect the cell tower. Separation between the Drive 3G-S and the Outside Antenna is important to prevent oscillation (feedback), similar to when a microphone is too close to a speaker. When oscillation occurs, the Drive 3G-S shuts down in order to prevent interference in the cell tower.

If the light is red, move the Outside Antenna farther away from the Drive 3G-S. On a vehicle, that usually means moving it farther toward the back of the car. Remember to keep the antenna at least 16cm from any window or sunroof.

In an office, move the location of the Drive 3G-S farther from the window where the antenna is mounted. Once you have separated the Outside Antenna and the Drive 3G-S, reset the Drive 3G-S by disconnecting the power and then reconnecting the power supply. If the light is green, the Drive 3G-S is working properly. If the red light is still on, move the Outside Antenna farther away and repeat the process.

Green Light: A green light indicates the Drive 3G-S is working properly.

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Additional FAQ:

What hours can I contact tech support?

Technical Support can be reached from 8:00am to 6:00pm MST by phone, or by email, at support@techlineglobal.com

How does weather affect the performance of my Outside Antenna?

Water vapor (e.g. rain, fog, snow or other precipitation) creates an effective filter to cellular signal. In times of heavy precipitation, you may see less performance.

What's the difference between the 900 MHz and the 2100 MHz bands? How do I know which MHz band my cell phone uses?

The Drive 3G-S works with all major South African cellular providers on the 900 & 2100 MHz frequencies. The 900/2100 MHz bands are associated with voice, 3G and 4G data.

Safety and Recommendations

⚠ **WARNING:** Connecting the Signal Booster directly to the cell phone with use of an adapter will damage the cell phone.

⚠ **WARNING:** Use only the power supply provided in this package. Use of a non-weBoost product may damage your equipment.

⚠ **WARNING:** The Signal Booster unit is designed for use in an indoor, temperature-controlled environment (less than 65° C). It is not intended for use in attics or similar locations subject to temperatures in excess of that range.

Signal Booster Specifications

	Drive 3G	
Model Number	512626	
Connectors	SMA-Female	
Antenna Impedance	50 Ohms	
Frequency	888-960 MHz / 1920-2165 MHz	
[3]Power output for single cell phone (dBm)	**900 MHz**	**2100 MHz**
Uplink	23.0	22.5
Downlink	16.5	13.5
Noise Figure (typical downlink/uplink)	4 dB nominal	
Isolation	> 50 dB	
Power Requirements	5.5 V 1A	

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1-Year Warranty

weBoost signal boosters are warranted for one (1) year against defects in workmanship and/or materials. Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase.

Signal Boosters may also be returned directly to the manufacturer at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by weBoost. weBoost shall, at its option, either repair or replace the product.

This warranty does not apply to any Signal Boosters determined by weBoost to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.

Failure to use a surge protected AC Power Strip with at least a 1000 Joule rating will void your warranty.

RMA numbers may be obtained by contacting your local distribution partner.

Disclaimer: The information provided by weBoost is believed to be complete and accurate. However, no responsibility is assumed by weBoost for any business or personal losses arising from its use, or for any infringements of patents or other rights of third parties that may result from its use.

U.S. Patent Nos.– 7,221,967; 7,729,669; 7,486,929; 7,409,186; 7,783,318; 8,583,034; 8,583,033; 7,684,838; D626,953; 8,473,018

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email: support@techlineglobal.com