

MODEL B851-1
FCC ID: OEUB851-1A
WIRELESS IN-VEHICLE CELLULAR SIGNAL ENHANCER

OPERATIONAL MANUAL

Note

Some professional installation assistance may be required to properly install the In-Vehicle Cellular Signal Enhancer permanently.

We recommend that individuals not accustomed to the installation of mobile electronics seek the services of a professional installer.

I. Parts List

Description	Qty.
o In-vehicle amplifier unit	1
o Front antenna	1
o Rear antenna (wing shaped or magnet mounted)	1
o DC power cable (15-ft.)	1

II. Installation Instructions

- o Step 1. Install the amplifier unit

Install the amplifier unit within vehicle's trunk, interior, or under seat.

Choose a location where it rests flat and is not a hazard to driver.

- o Step 2. Install DC power cable

Attach one end of DC power cable to DC power source within vehicle.

Attach remaining end of DC power cord to Amplifier Unit.

Note

Make sure to connect to a 12-Volt source that is not providing power when vehicle is turned off - or battery will drain.

- o Step 3. Examine LED light on the amplifier unit.

The LED light on the amplifier unit indicates the level of signal enhancement.

Attempt to achieve the optimal signal enhancement when positioning antennas before making the antenna placement permanent.

Before any antenna is connected to the amplifier, the unit must be powered on. Both LEDs should be green. Be sure that all cell phones in the vicinity of the amplifier are turned off during installation.

Two green LEDs – Optimal signal enhancement
One green, one yellow LED – Very good signal enhancement
Two yellow LEDs – Good signal enhancement
Any red LEDs – Poor signal enhancement

Importance

Unit must first be turned on without antennas connected for system calibration. Ensure that LED light on amplifier unit is green before connecting antennas. Amplifier unit must remain on while connecting antennas.

- o Step 4. Position the Rear antenna

Important

The Rear antenna needs to be installed at least 20 cm (or approximately 8-in) away from all persons during normal operation to comply with the FCC's radiofrequency radiation exposure requirement.

Position the Rear antenna within vehicle towards bottom of rear window on passenger side. Optimal position is 1-in. from bottom of window. Avoid contact with any metallic materials - including window heating coils.

Do not use adhesive backing to permanently affix antenna until Step 6.

For magnet mounted antenna, start by positioning the antenna outside, on top of the trunk, on the driver side. Move slowly toward the passenger side to locate the optimal position.

Connect the Rear antenna to amplifier unit.

Note

Position the Rear antenna so that cord is hanging from bottom. There is only one location where Rear Antenna can be connected to Amplifier Unit.

- o Step 5. Position the Front antenna

Important

The Front antenna needs to be installed at least 20 cm (or approximately 8-in) away from all persons during normal operation to comply with the FCC's radiofrequency radiation exposure requirement.

Position the Front antenna within the interior of vehicle, above driver seat with adhesive pointed away from cell phone user.

The Front antenna should be positioned as close to, and with the best unobstructed view to, where the cell phone would normally be used. Avoid placing this antenna behind any metallic objects (ie. mirror in sun visor). Do not make contact with any metal surface.

Connect Front antenna to amplifier unit.

Note

There is only one location where the Front antenna can be connected to amplifier unit.

o Step 6. Achieve Optimal Enhancement

Once green or yellow LED light is obtained, permanently affix both the Rear and Front antennas.

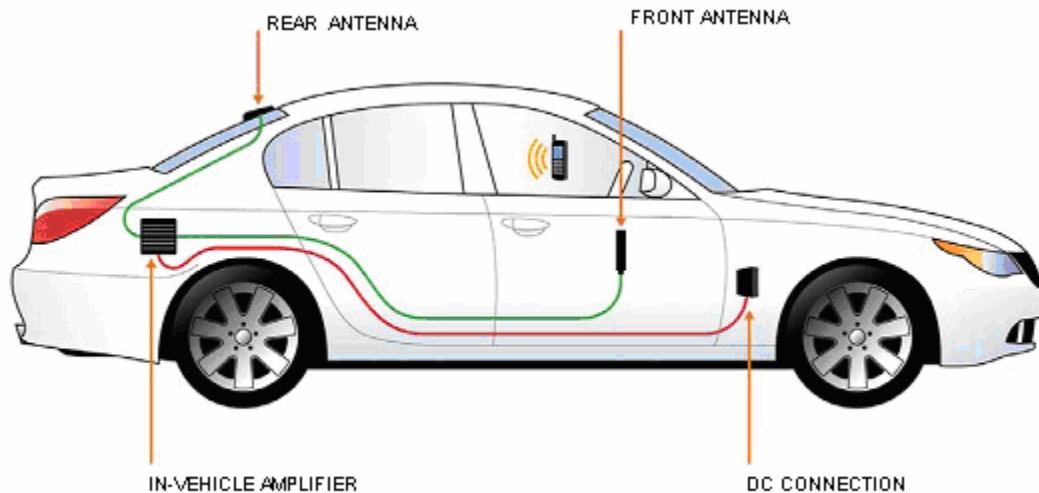
If you are receiving a red LED even after trying different antenna positions, try unplugging both antennas and turn the power off and on again before plugging the antennas in. If the antennas are connected and too close to each other when the amplifier is turned on, it will be impossible to achieve a green LED until you do the preceding.

Two green LEDs – Optimal signal enhancement

One green, one yellow LED – Very good signal enhancement

Two yellow LEDs – Good signal enhancement

Any red LEDs – Poor signal enhancement



Typical Installation