

# The CELL RANGER® installs in 4 easy steps!

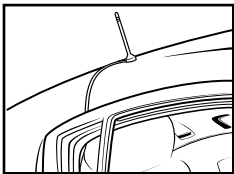
## STEP 1:

Carefully remove Antenna and cable from package.

## STEP 2:

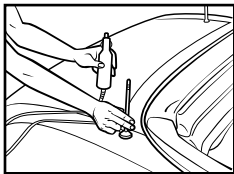
Place the magnetic mount Antenna on the outside of your car. It can be placed on the roof (fig. A) or on the trunk (fig. B). Position the Antenna as far away as possible from the accessory port located on your dashboard.

Fig. A



On roof through door

Fig. B



On trunk through trunk

**NOTE: The Antenna must only be placed on the outside of your car and on a metal surface to achieve best clarity.**

The cable can be routed through the door or through the trunk, whichever works best for Antenna placement.

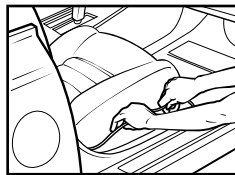
Closing the door or the trunk on the cable will not damage it.

## STEP 3: Routing the cable through your car

**For Portable Install:** If you are going to be taking the Cell Ranger® in and out of your car and plan to use it in multiple vehicles, you may want to place the cable next to the seats and under the floor mats before routing out the door opening. This will allow you to easily remove the cable as needed.

**For Permanent Install:** If you are going to leave the Cell Ranger® in only one car you will want to secure the cable so it is out of the way and less likely to be snagged when moving in and out of the vehicle. You can route the cable along the side of your car's floor panel and under the carpet if preferred (fig. C). The Antenna can now be fed to the back of the car and into the trunk through the side of the back seat (for trunk mounting) or up the door and out the top of the door's opening (for roof mounting).

Fig. C



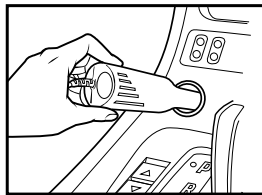
Route cable toward front of the car

## STEP 4:

After the Antenna is securely mounted and the cable is properly routed through the car you are now ready to plug the Cell Ranger® into the accessory port on your dashboard.

Enter the car and close the door. Check the signal bars on your cell phone before plugging in the Cell Ranger®. Plug the Cell Ranger® into the accessory port on your dashboard (fig. D) and start the car. **Be sure you are outdoors or in an open area with good ventilation when starting your car.** The green light on the Cell Ranger® should be lit. Place your cell phone a few inches from the Cell Ranger® and check the signal bars on your phone again. Within 5 seconds you should see an increase in the bars and signal level.

Fig. D



Plug in Cell Ranger®

**You are now ready to use your phone with Cell Ranger® Enhanced Performance!**

### IMPORTANT

The Antenna must be placed on the outside of your car before plugging the Cell Ranger® into the accessory port.

Some accessory ports are active at all times, so your car may not need to be running to power up the Cell Ranger®. It is important to unplug the system from the accessory port if your car has this feature; if left plugged in your car battery could drain after a few days of constantly powering the Cell Ranger®.

For Support call **1-877-275-5016** or visit our website at **[www.cellranger.net](http://www.cellranger.net)** with any technical questions or for more information on our products.

**CAUTION:** Periodic removal of the Cell Ranger® antenna from the user's car exterior for cleaning and maintenance is advised to ensure optimum performance, and prevention of possible discoloration of the vehicle's exterior.

Cell Ranger® is not responsible for any damage to the vehicle's exterior if the antenna is left in place indefinitely.

The Cell Ranger® is a fast, easy and low cost way to improve your cell phone's performance. Using the Cell Ranger® will increase the amount of bars you have on your cell phone display, and will allow you to receive service and make calls in areas with low signal levels.

The Cell Ranger® does not create a signal, but improves it, so if you are in an area without a signal this product may not operate.

#### WARNINGS

**The Cell Ranger® Model 8811960A complies with FCC regulations. Follow all guidelines and read this information completely before installing the system. Never operate the system in an unintended application.**

- **All cellular phones in the vicinity of the amplifier should be turned off when installing the system. Only after unit is installed should cellular phone be turned on and tested with the system.**
- **Make sure to connect to a 12-Volt source that is not providing power when the vehicle is turned off or unplug 12V adapter, otherwise battery will drain.**
- **Only the antenna provided with the Cell Ranger® system may be used. Use of any other antenna could adversely affect the performance of the system and cause damage to the unit, voiding the warranty.**
- **Changes or modifications not expressly approved by Cell Ranger® may void the user's authority to operate the equipment.**

#### ELECTRONIC SPECIFICATIONS

Frequency:	800 and 1900 Mhz
Gain:	Up to 50 dB Gain
Output Power:	Up to 10 dBm
Supply:	9v to 16.5v DC @ 150mA Max.
Operating Temp:	-30 to +60
Size:	1.8" x 1.5" x 5.5"
Weight:	0.38 lbs.

**FCC REGULATIONS –**  
FCC ID: U408811960A  
IC-ID: 7041A-8811960A

The Cell Ranger® has been tested and found to comply with the limits of FCC rules part 22 for mobile service and part 24 for PCS. These limits are designed to provide reasonable protection against harmful interference. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with this instruction manual, 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 other electronic reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Reposition or relocate the receiving antenna
- Increase the distance between the equipment and the receiver
- Connect to isolated power with a ground cable attached directly to the battery, DC source or house ground
- Repositioning the coaxial cable may also eliminate interference
- Consult the dealer or an experienced electronics technician for assistance

***WARNING: Changes or modifications not expressly approved by Cell Ranger® may void the user's authority to operate the equipment.***

#### LIMITED WARRANTY

The Cell Ranger® warrants to the purchaser for a period of ninety (90) days from the date of purchase, but in no event longer than one (1) year from the date of manufacture, that its Products identified above under Package Contents and sold hereunder will at the time of shipment be free from defects in material and workmanship and will conform to Cell Ranger® specifications stated in this Manual. If products sold hereunder are not as warranted, Cell Ranger® shall, at its option, repair or replace the Product; provided that: 1) proof of purchase (a copy of a valid receipt or invoice) and written notice of the alleged defect are received by Cell Ranger® within the warranty period stated above; 2) customer obtains a written Return Authorization from Cell Ranger® for the Product; 3) the Product is returned in a protected shipping container at customer's expense. If Cell Ranger® determines that the Product does not meet the warranty, Cell Ranger® will pay for transporting the repaired or exchanged Product to the customer. This warranty shall not apply to any Products Cell Ranger® determines to have been, by customer or otherwise, subject to mishandling, misuse, neglect, improper testing, repair, alteration, damage, assembly or processing that alters the physical or electrical properties. As the above Products depend on the existence of a sufficient signal to enhance, Cell Ranger® cannot and does not warrant that the Products will work in all locations. In addition, Cell Ranger® does not warrant that interference will not occur in a particular installation.

**THIS LIMITED WARRANTY IS EXPRESSLY IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS AND/OR IMPLIED INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, AND OF FITNESS FOR A PARTICULAR PURPOSE, USE OR APPLICATION AND FOR ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF THE SELLER, UNLESS SUCH OTHER WARRANTIES, OBLIGATIONS OR LIABILITIES ARE EXPRESSLY AGREED TO IN WRITING BY CELL RANGER®.**

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**CELLRANGER®**

## BOOST YOUR BARS!



**Wireless Dual band Cellular / PCS Amplifier**