

CELLULAR AMPLIFIER ONE-YEAR LIMITED WARRANTY

Shakespeare Company, Inc. (Shakespeare) warrants your Cellular Amplifier for one year from the date of original purchase against manufacturing defects in material and workmanship in accordance with the following terms and conditions. This warranty applies to the original purchaser only and is not transferable.

During the warranty period, Shakespeare will repair or replace without charge valid defects in material and workmanship. Warranty does not apply to products that have been damaged or have failed due to accident, misuse, negligence, modification, alteration, abuse, improper installation, attempted repair by unauthorized personnel or normal expected wear. Failure that is determined to be of this nature will be repaired at the consumer's expense.

Products which have had the serial number modified, defaced, or removed will not be eligible for repair under this limited warranty.

Shakespeare will not be liable for damages consequential and otherwise arising from the use or inability to use this product. Shakespeare's liability is limited to the repair or replacement of the equipment during the warranty period.

Repairs or adjustments covered under this warranty are to be determined by Shakespeare.

We require proof of original purchase date for warranty determination. A copy of the sales invoice or cancelled check is satisfactory evidence. This procedure insures that you receive full-term warranty from the date of original purchase so that the time the unit remains in dealer stock is not deducted.

After the first 30 days following the original date of purchase, all shipping charges to return units for repair are the responsibility of the customer. Please pack the unit carefully to eliminate shipping damage. It is wise to insure shipments against loss or damage. Return the unit to Shakespeare Company, Electronic Products Group, 200 Business Park Blvd., Columbia, SC 29203, Attention: Warranty Repair Department. Please include a detailed description of the problem you are experiencing along with proof of original purchase. Shakespeare will return the repaired unit to you prepaid. Inquiries concerning the status of a warranty claim may be sent to the address above or expedited by telephoning 803-227-1590 and asking for the Warranty Service Department.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Prior to returning a unit, we encourage you to contact the Shakespeare Consumer Service Department by telephone or letter to discuss the nature of the problem. Many times a satisfactory solution can be reached without the need of returning the item.

The Consumer Service Department is also available for out of warranty service and to assist you with any questions or problems associated with the Shakespeare product you purchase.

Warranty and Policy are Subject to Change without Prior Notice

Shakespeare®

Electronic Products Group
200 Business Park Blvd., Columbia, SC 29203
803-227-1590 · Fax: 803-419-3099
www.shakespeare-marine.com

©2004 Shakespeare Co. all rights reserved.

Shakespeare®

Style CA-NEX Dual-band Cellular Amplifier



Thank you for choosing a Shakespeare product. Shakespeare works hard to build reliability and durability into all of its products for maximum customer satisfaction. Customer comments are welcome. Before installing, please study the diagram and check parts supplied against those listed.

The Style CA-NEX is a dual band amplifier that operates on the Nextel frequencies of 806-825, and 850-869 MHz. It will also operate on what is generally referred to as the PCS cellular frequencies of 1850-1910, and 1930-1990 MHz. The CA-NEX has been specially designed for marine, RV, and general land-vehicle applications. During operation, the Shakespeare amplifiers automatically adjust to the operating frequency and protocol of the user's Nextel or PCS phone system. No user intervention is required.

Supplied parts: One CA-NEX Amplifier with attached 6' DC power cable.

Tools required: Screwdriver, wire cutters/strippers. Drill, drill bit, or other tools appropriate to your installation may also be needed.

Required materials:

- 1 Dual-band cellular antenna, 50-ohm 800/1900 MHz, of your choice (sold separately) with a maximum of 3dB (7 dBi) gain
- 1 Shakespeare Cell Phone Adapter cable (sold separately) for the brand and model of your phone

Other optional materials:

- 4 Mounting screws or other mounting hardware of length and type appropriate to the surface to which you will mount the amplifier
- 2 High-quality 18-gauge marine-grade butt-splice connectors

IMPORTANT: Please read all instructions before installing. Use of cellular amplifiers with antennas having more than 7dBi is in violation of FCC regulations.

WARNING: Do not power up the amplifier without a properly connected dual-band cellular antenna having maximum 3dB (7dBi) gain. Damage could result that is not covered by warranty.

Step 1: Selecting a location for the CA-NEX

NOTICE: Directly wired vehicle antennas must be mounted a minimum distance of 20 cm (7.87") away from the body of any user or nearby persons and the antenna.

Choose a mounting location for the CA-NEX that is clean and dry, and away from fuel vapors and excessive heat. The amplifier should be within 5' of the cell phone, and not mounted on the outside of the boat or vehicle. Do not mount the CA-NEX near the engine.

Step 2: Mounting the CA-NEX

Use machine screws, wood screws, etc., as appropriate to mount the amplifier securely. Use caution to avoid drilling through or near fuel lines, fuel tanks, hydraulic lines, or electrical wiring. Mount the CA-NEX so that it does not interfere with safe operation of the vessel or vehicle. **Do not apply DC power before connecting the antenna.**

Step 3: Connect your cellular antenna

Attach the TNC connector from the antenna to the amplifier's "ANT" terminal.

For optimum performance and compatibility with cellular service provider requirements, the CA-NEX requires a dual-band antenna of no more than 3dB (7dBi) gain. Shakespeare's Galaxy® series antennas (sold separately) offer lengths and configurations for most application.

To meet the FCC exposure guidelines, the antenna should be installed so there is at least 20 cm of separation between the body of the user or nearby persons and the antenna

Step 4: Connect your phone's adapter cable

Attach a Shakespeare Cell Phone Adapter cable (sold separately) to the amplifier's "PHONE" terminal.

Step 5: Connect 12/24 VDC Power

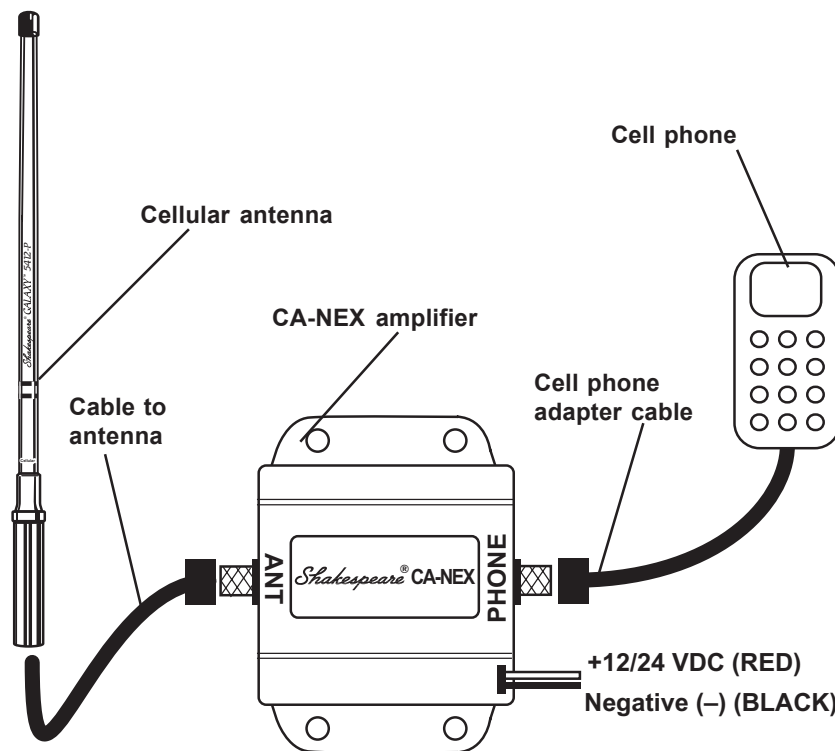
For safety, disconnect the electrical system before continuing by removing the negative (-) lead.

Be extremely careful that the polarity of your installation is correct and that the amplifier's RED lead connects to battery positive (+) and that the amplifier's BLACK lead connects to battery negative (-).

The amplifier should be connected to a circuit that is powered down with the vessel or vehicle. For vehicles, choose a circuit that is fused or circuit-breaker protected and ignition-switched (often referred to as "accessory output"). For boats, connect the amplifier to a circuit breaker or the power panel. It should not be connected through the ignition circuits on boats.

After double-checking that polarity is correct, reconnect the electrical system ground. The CA-NEX works with 12/24 volt systems only.

WARNING: Use only a 3-amp replacement fuse. Use of a higher value fuse will cause serious damage to the amplifier and/or your vessel's or vehicle's electrical system and is not covered by warranty.



Shakespeare cell amplifiers are made in USA under exclusive license from Motorola.