



Division of Audiovox Corp.
185 Oser Ave. Hauppauge, NY 11788

288E4541



Cellular Phone
PRT9100
Series



Congratulations

Your new cellular telephone is a carefully engineered, high quality, durable product with natural sound quality, modern features and elegant styling. It is designed to give you the quality and convenience you expect in a cellular telephone.

To familiarize yourself with all the features of your new phone, please read the following instructions carefully. Retain this Guide for future reference.

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■ **GENERAL SPECIFICATIONS**

■ **INTRODUCTION**

◆ **Safety Information**

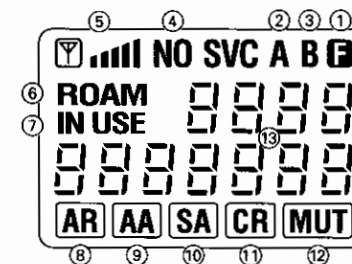
As with any product, precautions should be observed during it's handling and use. To become enlightened to safe and proper procedure please read and adhere to all warnings, cautions, and safety information.

- Avoid using the telephone during an electrical storm. There is a remote risk of dangerous electrical shock from lightning.
- Do not attempt to disassemble the housing of your phone or any of it's related parts. There are no user serviceable components.
- Always keep both hands on the steering wheel and the phone in it's cradle whenever the vehicle is in motion.
- When telephone conversation from within a moving vehicle is unavoidable, keep communications brief.
- If conversation requires taking notes or complex thought, stop the vehicle in a safe place before continuing.
- Place calls only when the vehicle is stopped.
- A minimum distance of 2 feet should be kept between the telephone antenna and any organic life forms (ie. people, small animals, etc.) during operations.
- Damage Requiring Service - Your telephone should be serviced by qualified service personnel when:
 - a. Objects have fallen or liquid has spilled into the product; or
 - b. The product has been exposed to rain; or
 - c. The product does not appear to operate normally or exhibits a marked change in performance; or
 - d. The product has been dropped, or the housing has been damaged.
- Never touch uninsulated telephone wires or terminals.
- Turn off the phone in an explosive environment such as a gas station or blasting area etc.

◆ Features

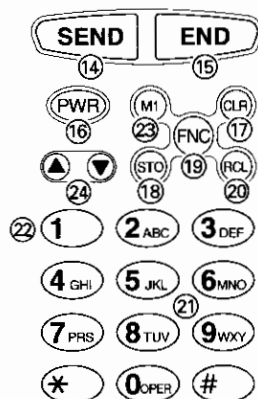
- *SID Management (NAM Option)*
- *Multiple City Registration*
- *Adjustable RF Power Output (3/1.2/0.6 Watts)*
- *Easy to read LCD display with numeric and status indicators*
- *Back-lit keypad and LCD display*
- *Microphone mute control*
- *Priority/Emergency calling with automatic retry*
- *Automatic call retry*
- *89 memory locations*
- *7 Location Scratch Pad, with automatic scroll*
- *Vacant memory location search*
- *Automatic entry into vacant memory location*
- *Phone number search*
- *On or off book dialing*
- *One Touch Dialing*
- *One Touch Emergency Call*
- *Last 3 number dialed memory*
- *Silent Incoming Calls*
- *Automatic Answering*
- *Call in progress protection*
- *Call time warning tone*
- *DTMF tone dialing from memory*
- *DTMF keypad mute*
- *DTMF extended tone dialing*
- *A/B system selection*
- *RF Channel and RSSI Level display*
- *Automatic self diagnostics*
- *Electronic serial number display (own)*
- *Telephone number display (own)*
- *System ID display (own)*
- *6 function call timer*
- *Battery level indicator*
- *Anti-Fraud PIN Entry*

◆ Display Information

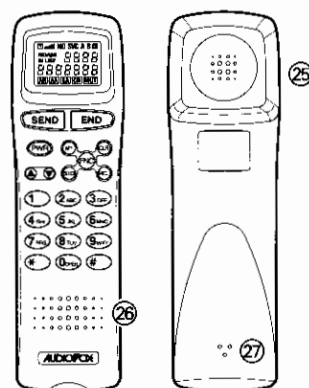


- | | |
|--|---|
| ① FUNCTION MODE Indicator
[F] Lights when the FUNCTION key [FNC] is pressed to select extended functions. | ⑦ IN USE Indicator IN USE
Lights when a call is in progress. |
| ② SYSTEM A Indicator A
Lights when system A (non-wireline) or normal mode is selected. | ⑧ AUTOMATIC REDIAL Indicator AR
Lights when automatic redial mode is selected. |
| ③ SYSTEM B Indicator B
Lights when system B (wireline) or normal mode is selected. | ⑨ AUTOMATIC ANSWER Indicator AA
Lights when automatic answer mode is selected. |
| ④ NO SERVICE Indicator NO SVC
Lights when the unit is out of the cellular service area. | ⑩ SILENT ALERT Indicator SA
Lights when Silent alert mode is selected. |
| ⑤ RECEIVED SIGNAL STRENGTH Indicator [Signal Bars]
Constantly displays the signal strength represented by the number of BARS in the display panel. | ⑪ CALL RESTRICTION Indicator CR
Lights when call restriction mode is selected. |
| ⑥ ROAM Indicator ROAM
Lights when receiving services other than the registered home system. | ⑫ MUTE Indicator MUT
Lights when mute control is in effect. |
| | ⑬ 11-digit Display
Displays the telephone number dialed. |

◆ Key and Miscellaneous Information



- 14 **SEND Key** Initiates a call and allows the user to answer calls.
- 15 **END Key** Terminates a call.
- 16 **POWER Switch** Turns on and off the unit.
- 17 **CLEAR Key** Clears the digit(s) from the display.
- 18 **STORE Key** When used in conjunction with digit keys, enables the user to store numbers into memory.
- 19 **FUNCTION Key** When used in conjunction with digit keys, allows operation of extended functions.
- 20 **RECALL Key** Recalls telephone numbers from memory.
- 21 **DIGIT Keys** 1 thru 0, *, # and * Enters telephone numbers, NAM information, etc..



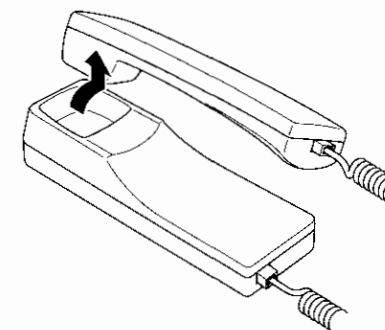
- 22 **ONE TOUCH EMERGENCY Key** Allows you to place a call to an emergency number by a single key stroke.
- 23 **ONE TOUCH DIAL and MUTE Key** In Idle mode, allows you to place a call with a single key stroke. In conversation mode, switches off the microphone so the other party on the line cannot hear your private conversation off line.
- 24 **VOLUME ADJUSTMENT keys** Used to adjust the alert tone, earpiece, keypad tone and hands-free volume levels.
- 25 **EARPIECE RECEIVER**
- 26 **LOUDSPEAKER**
- 27 **MICROPHONE**
- 28 **MICROPHONE UNIT JACK**
- Item 28 is located on the Transceiver unit (Not shown).

■ BASIC OPERATION

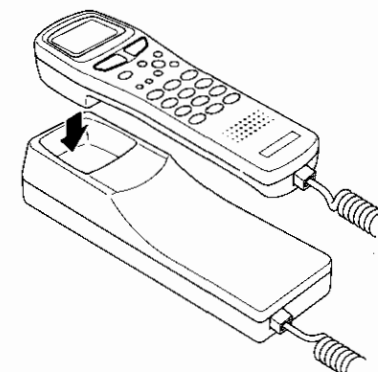
◆ Removing and Replacing the Handset

The cellular phone is removed from its transceiver mount in a specific manner as to avoid the handset from accidentally becoming free in a moving vehicle or while being carried. The style with which the handset is removed from its transceiver has been carefully engineered for natural human grasp, making operations easy while preventing possible mishap.

- ✓ To remove the handset from its transceiver rotate the handset with a gentle rolling motion as illustrated and lift upwards. The handset will free itself from the transceiver mount and you may proceed with operations as desired.



- ✓ To replace the handset when operations are finished or for hands-free operations place the handset directly above its transceiver mount unit and gently set it into the proper location as illustrated. Press slightly down on the top of the handset to confirm that it is well seated within the transceiver.



◆ Turning the Phone ON and OFF

The cellular phone will be switched on or off with the vehicle's DC power as you turn the ignition key. If the unit remains off after ignition is switched on (or vice versa), press the **POWER** switch (PWR) as described in the steps below.

Each time the unit powers up it goes through certain "Wake Up" routines. Upon power up, all indicators will light and your own telephone number will be displayed momentarily. At this point your phone is operational and ready for use.

❗ *Display and Keypad backlighting turn off after 8 seconds to save battery power. Pressing any key relights the Display and Keypad for another 8 seconds.*

- ✓ To turn on your phone simply press the **POWER** switch (PWR) located just above the number pad.



- ✓ To turn off the phone press and hold the **POWER** switch (PWR) for 1 second.

❗ *If the NO SERVICE indicator **NO SVC** remains illuminated calls cannot be placed or received as the "Cellular System" is not available in the area you are currently in.*

Refer to the "SID Management" section for a complete description of the **ROAM** indicator **ROAM** and **NO SERVICE** Indicator **NO SVC**.

Display Own Telephone Number and System ID

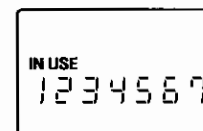
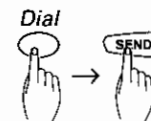
- ✓ To display your Telephone Number, press (FNC), (#), (1).
- ✓ To display your System ID, press (FNC), (#), (3).
- ✓ To clear the display, just press (CLR).

◆ Making and Receiving Calls

Placing Calls

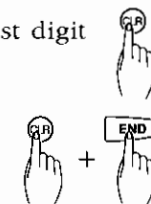
When entering telephone numbers manually, each digit entered will appear in the display panel and will scroll from right to left every time a new digit is entered.

- ✓ To place a call, make sure the power is on (refer to the "Turning the Phone ON and OFF" on previous page), enter the desired telephone number and press the **SEND** key (SEND). At this point the **IN USE** indicator **IN USE** will light and the dialing sequence will be executed.



- ✓ To correct an error made while entering a telephone number, use the following methods:

- Press the **CLEAR** key (CLR) to erase the last digit entered.
- Press and hold the **CLEAR** key (CLR) to erase all the digits in the display.
- Press the **CLEAR** key (CLR) and the **END** key (END) to erase all the digits in the display (same as above).



- ✓ To cause an on-hook condition after or during the dialing procedure just press the **END** key (END).

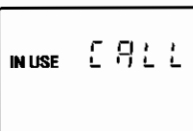
❗ *The display panel has 11 digit capability, however numbers containing up to 32 digits may be entered, therefore only the last 11 digits dialed will remain in the display. Refer to the part in this section entitled "Reviewing the Preceding Digits".*

Call-in Progress Protection

If the **POWER** switch (PWR) or the ignition key is turned off during conversation, your connection will remain uninterrupted and you may proceed with the call until terminated as usual.

Receiving Calls

The cellular phone features both audio and visual signals to indicate an incoming call. The telephone will both ring and the word "CALL" will flash repeatedly in the display panel.



- ✓ To answer an incoming call when the handset is resting in its cradle, simply lift the receiver. The ringing will stop and the **IN USE** indicator **IN USE** will appear in the display panel.
- ✓ To answer an incoming call when the handset is removed from its cradle, press any key except the **POWER** switch (PWR), (▲), (▼), or the **END** key (END). **IN USE** will light and you may proceed with the call as usual.
- ✓ To hang up the phone after or during a conversation, press the **END** key (END), or (while Hands Free option is not set on) simply replace the handset in its cradle.

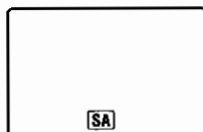
⚠ If calls go unanswered the word "CALL" and the number of unanswered calls will appear and remain in the display until the display panel is cleared.

Silent Incoming Calls

If Silent Alert feature is set, a single beep and a flashing "CALL" message on the display will alert you of an incoming call.

Once you have switched to silent alert, the phone stays in that mode until you deactivate it.

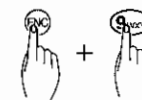
- ✓ To activate this mode, press (FNC), (8). The **SA** should light in the display indicating that Silent Alert Feature has been set.
- ✓ To deactivate this mode, press (FNC), (8) again. The **SA** should go off.



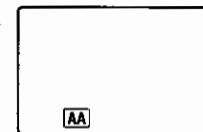
Automatic Answer

In automatic answer mode (if the Hands-Free microphone is installed) the cellular phone will automatically answer any incoming calls on the second ring and allow you full 2 way communication without ever touching the handset.

- ✓ To enable Automatic Answer, press the **FUNCTION** key (FNC), (9). The **AA** should light in the display indicating that Auto-Answer has been set.



- ✓ To terminate a call that was Automatically Answered, depress the **END** key (END).



- ✓ To disable Automatic Answer, press the **FUNCTION** key (FNC), (9) again. The **AA** should go off indicating that Auto-Answer has been disabled.

⚠ This feature resets itself when the unit is turned off unless the unit is processing a call at the time.

⚠ This feature will not function if the unit is in the Lock, Call Restriction, or Silent Incoming Calls.

◆ Reviewing the Preceding Digits

A condition may arise while entering numbers longer than 11 digits when the leftmost part of the entered number scrolls off the display and out of view. The entered number under this condition exists within three possible segments of digits.

- ✓ To view digit segments which have scrolled off of the display panel, press the **FUNCTION** key (FNC), (*), (8_{REV}).

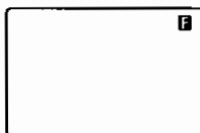


The digits/digit segments displayed depends on the length of the telephone number and the number of times the (8_{REV}) key is depressed within the above procedure. Use the chart below to correlate your action with the resulting display.

Correlation Chart			
Press (8 _{REV})	Number Of Digits Entered		
Key	1~11 Digits	12~22 Digits	23~32 Digits
Once	Segment 3	Segment 2	Segment 1
Twice	---	Segment 3	Segment 2
3 times	---	---	Segment 3



Repeatedly pressing the (8_{REV}) key will display the next segment inline. However once the entire number has been displayed the [F] indicator will go off as the last segment is displayed and the (8_{REV}) key will resume its normal digit entry mode of operation.



◆ Redialing Functions

Last Three Numbers Dialed

This feature is used to display the numbers of the three most recent calls that have been made.

- ✓ To display the number of the most recently made call, press (RCL), (#), (0_{OPN}).

- ✓ To display the number of the second most recently made call, press (RCL), (#), (1).
- ✓ To display the number of the third most recently made call, press (RCL), (#), (2_{ACC}).



If the display is cleared and you wish to redial the last number dialed simply press the **SEND** key (SEND).

Automatic Redial

When a "Cellular System" busy signal occurs the Automatic Redial function can be used to redial a telephone number automatically (up to 3 times) at regular intervals 60 seconds apart. The [AR] will light on the display to indicate Automatic Redial has been initiated.



- ✓ To initiate Automatic Redial, press the **FUNCTION** key (FNC), (0_{OPN}), and the **SEND** key (SEND) consecutively as illustrated.



- ✓ To abort Automatic Redial simply press the **END** key (END).



A distinction should be made between a "Line busy signal" and a "Cellular System" busy signal. (Automatic Redial will initiate only on a "Cellular System" busy signal.)

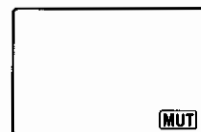
◆ MIC Mute

The MIC MUTE function deactivates the microphone located in the mouth piece of your phone so you can converse at your location and not be overheard by the party on the line.

- ✓ To toggle the MIC MUTE mode ON, press the **MUTE** key (M). The **MUTE** indicator [MUT] should now be lit.



- ✓ To deactivate MIC MUTE mode just press the **MUTE** key (M) once again. [MUT] should go dark and normal conversation can be resumed.



The Mute mode will automatically be released when the conversation is terminated.





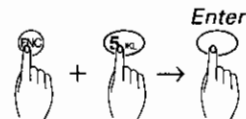
The (M) key can be used as One Touch Dial Key when not in conversation.

■ ENHANCED OPERATION

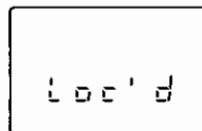
◆ Locking and Unlocking the Phone

The cellular telephone has a lock feature to restrict the origination of outgoing calls except for One Touch Emergency Call, Emergency (911, 000, 119), the 3 digit emergency number registered in the NAM and those numbers stored in the emergency / priority dialing area. (Refer to "Emergency and Priority Dialing".)

- ✓ To Lock your phone, press the **FUNCTION** key , , and enter the 3 digit registered unlock code. The word "LOCK" should now be displayed in the display panel.





- ✓ To Unlock the unit just enter the same 3 digit code you entered as the Lock code.

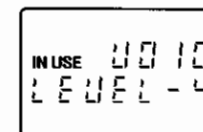








- ⚠ *While the unit's UNLOCK code has been factory set as 123 it may be changed if so desired. Please refer to the section entitled "User Programmable Codes".*
- ⚠ *The number you enter as a "Lock" code should be written down and stored safely!*

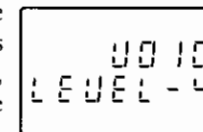
◆ Earpiece Volume Adjustment

The "Earpiece" volume level, controls the loudness of any sounds that emanate from the speaker mounted in the earpiece of your cellular telephone.

- ✓ To adjust the Earpiece volume level while the **IN USE** indicator is lit (in conversation), just press the  or  buttons.



- ✓ To adjust the Earpiece volume level while **IN USE** is not lit (not in conversation), press the **FUNCTION** key , , , , and then press the  or  buttons to raise or lower the volume level respectively.







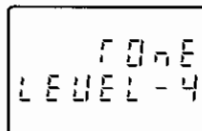
◆ Loudspeaker Volume Adjustment

The "Loudspeaker" volume level settings control three different aspects of audible tones generated in daily use. All three (keypad tones, alert tones, hands-free) volume levels may be individually manipulated for maximum customization.

Keypad Volume





The telephone's keypad generates tactical sensory feedback tones (as do many touchtone phones), the loudness of which may be altered to the preferences of the individual user.

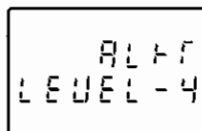
- ✓ To alter the loudness of the *Keypad Tones* simply press the ▲ or ▼ buttons to raise or lower the volume level respectively.
- ✓ To alter the loudness of the *Keypad Tones* while not in use, press the **FUNCTION** key , , , , and then press the ▲ or ▼ buttons to raise or lower the volume level respectively.



Alert Volume





The telephone's Alert volume (or *Ring* volume) may also be individually set to a preferred level.

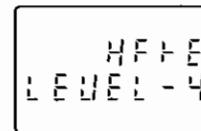
- ✓ To alter the loudness of the *Alert Volume* while the telephone is ringing simply press the ▲ or ▼ buttons to raise or lower the volume level respectively.
- ✓ To alter the loudness of the *Alert Volume* while not ringing, press the **FUNCTION** key , , , , and then press the ▲ or ▼ buttons to raise or lower the volume level respectively.



Hands-Free Speaker Volume

The volume level of the speaker heard while in Hands-Free mode may be adjusted to suit the environment in which the phone is being used.

- ✓ To alter the volume used during *Hands-Free* operations, while the **IN USE** indicator is lit (during conversation) simply press the ▲ or ▼ buttons to raise or lower the volume level respectively.
- ✓ To alter the volume level of the *Hands-Free* speaker while not in use, press the **FUNCTION** key , , , , and then press the ▲ or ▼ buttons to raise or lower the volume level respectively.




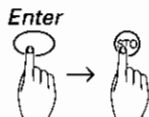
◆ Memory Functions

Up to 89 numbers can be stored in the Memory Dialing System. It should be noted that there are two kinds of storage areas, those which can contain a number up to 32 digits in size (locations 01 through 19) and those which can only contain numbers with 16 digits or less (locations 20 through 89).

Manual Storage

Telephone numbers may be stored manually into locations 01 through 89.


- ✓ To use Manual Storage, enter the telephone number to be stored and press the **STORE** key . The telephone number will blink on and off for about 8 seconds during which time you may enter a 2 digit location number 01 through 89 to which the telephone number will be stored.

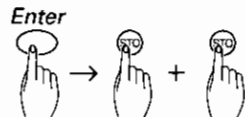


If the memory location number selected contains a previously stored telephone number the newly entered telephone number will replace the existing one.

Automatic Storage

This feature is used to store telephone numbers in memory locations automatically.







- ✓ To use the Automatic Storage feature, enter the telephone number to be stored and press the **STORE** key  twice. The 2 digit location number 01 through 89 to which the telephone number was stored will be displayed for approximately 2 seconds.




If there are no available locations the word "FULL" will be displayed for 2 seconds and the mode will be released.

Vacant Memory Location Search

This feature is used to search for unused memory locations to which telephone numbers may be stored. The Vacant Location Search function will try to place phone numbers in the appropriate sized memory locations automatically. So that when a 16 digit number is applied locations 20 through 89 are given first priority. In this way numbers containing 17 digits or more may be stored in the only place they can be, locations 01 through 19.




- ✓ To use the Vacant Memory Location Search function, enter the telephone number you wish to store and press the **STORE** key . At this point you may choose an ascending or descending search order by pressing the  or  button respectively. When the first vacant memory location is found that memory location's number will appear briefly in the display panel. Immediately following, the telephone number about to be stored will flash on and off in the display panel for approximately 8 seconds during which time you may either store the number by pressing the **SEND** key  or search for another location by pressing one of the  or  buttons.





- ✓ To exit the Vacant Memory Location Search function just press the **END** key .

Number Search

This feature allows the user to scan, recall and dial numbers stored in locations 1 through 96.

- ✓ To use Number Search, press the **MEMORY RECALL** key  and use the  and  buttons to scroll through the memory locations. When occupied locations are found the memory location number (01 through 96) will be displayed in the display panel for a few seconds and then the telephone number assigned to that location number will be displayed.





- ✓ To dial a number found in the search process just press the **SEND** key .
- ✓ To exit from the search mode at any time, press the **END** key .

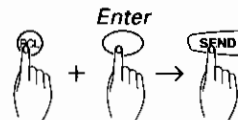


If there are no telephone numbers stored in memory, the word "E-ERR" will be displayed briefly and the mode will be released.

Memory Redial

Telephone numbers can be recalled and dialed from any of one 89 different memory locations.

- ✓ To dial a number stored in memory, press the **MEMORY RECALL** key  and enter the 1 or 2 digit location number 1 through 89, you wish to dial. When the desired telephone number appears in the display panel you may press the **SEND** key  to initiate dialing.



Location 0 is reserved. (Refer to the "Last Number Dialed")



Locations 90 through 96 are reserved. (Refer to the "Scratch Pad".)



◆ One Touch Dialing

This feature permits you to place a call by a single key stroke.


Storing a Number into One Touch Memory

Press , then enter a phone number.

Press , then the One Touch key .


Stored numbers can be reviewed by pressing , .

Placing a Call to a Number in One Touch Memory

Press the One Touch key  for approx. 0.5 seconds.


The telephone number will be displayed, and the **IN USE** indicator will light as the call is placed.






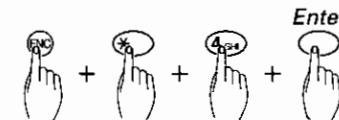
The  key can be used as Mute key during conversation.

◆ One Touch Emergency Call

This feature permits you to place a call to an emergency number by single key stroke, even when the unit is in Lock and/or Call Restriction mode. You can deactivate this feature to prevent unintentional usage.

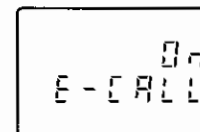
- ✓ To place a call to the emergency number, press  key for more than 2 seconds. The emergency number that is pre-programmed in the NAM will be displayed, and **IN USE** indicator will light as a call is placed.

- ✓ To deactivate this feature, press , , , and enter the 3-digit registered unlock code.

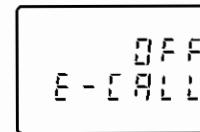


- ✓ To activate this feature again, follow the same key sequence.

When this mode is ON:



OFF:





◆ Scratch Pad Memory


While in Scratch Pad mode the display may be used as a sort of numerical note pad during conversation and can hold up to 7 entries of up to 32 digits. This "Scratch Pad" can be used to store any kind of numerical data. For example a market quote while on-line with your stock broker or a telephone number supplied by a recording, informing you the number has been changed and "the new number is..."

Storing Numbers in the Scratch Pad

The note pad operates in a "First In First Out" (FIFO) fashion. The first number entered will be stored in memory location 90. When a second number is entered into the note pad the first number will be shifted to location 91 and the newly entered number will occupy location 90. In the same manner, when the seventh number is entered, the first number will be shifted to location 96, and when the eighth number is entered the first entry will be erased.



- ✓ To begin your entries into the Scratch Pad, enter the first digit sequence you wish to store and press the **FUNCTION** key , . Just repeat this procedure for any following entries.

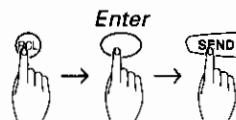


*If a telephone number is present in the display panel prior to your first entry, press the **CLEAR** key  to wipe the display.*

Dialing Numbers from the Scratch Pad





Although the Scratch Pad is primarily for use as a temporary storage device if one of the entries contains a telephone number (as in the "recorded message" example given above) it is possible to recall and dial that entry.

- ✓ To dial a note pad entry containing a telephone number, press the **RECALL** key  and enter the desired location number 90 through 96. When the proper entry is displayed press the **SEND** key  to initiate the dialing sequence.



◆ Emergency and Priority Dialing

The cellular phone enables you to store a single telephone number up to 32 digits in length for priority or emergency purposes. Memory location 97 is reserved for this purpose. To enter an emergency number, you would use the same procedures described in the section entitled "Manual Storage" but using 97 as the location number.

- ✓ To dial this special telephone number, press the **MEMORY RECALL** key , enter the digits   and press the **SEND** key  within 10 seconds.






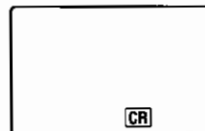
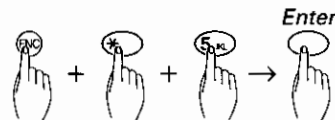
The Emergency and Priority number will automatically be redialed up to 3 times at 30 second intervals or until a connection is made..

■ EXTENDED FEATURES AND FUNCTIONS

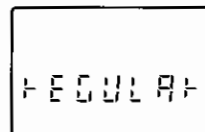
◆ Call Restriction

In the call restriction mode, only *specific keys** will activate the unit so as to prevent unauthorized operation of the phone.

- ✓ To set Call Restriction mode, press the **FUNCTION** key , , , and enter the registered 3 digit access code. The **CR** will light on the display to indicate Call Restriction mode is in effect.



- ✓ To exit the Call Restriction mode just enter the same 3 digit access code again. The **CR** will go off, and the word "REGULAR" will appear in the display panel.




⚠ While the unit's Call Restriction code has been factory set as 123 it may be changed if so desired. Please refer to the section entitled "User Programmable Codes".


⚠ The number you enter as an "Access Code" should be written down and stored safely!

⚠ Following *specific keys** are operative to recall the numbers in memory.

- Any combination of numbers 1 and 2

 + (1, 2, 11, 12, 21, 22)

- Emergency Call Numbers

a.  + 9 + 7

b. 9 + 1 + 1 (Sent directly)

c. 0 + 0 + 0 (Sent directly)

d. 1 + 1 + 9 (Sent directly)

e. 3-digit emergency number registered in the NAM (Sent directly)




- One Touch Emergency Call

◆ Keypad (DTMF) Tones

Dual Tone Multi-Frequency (DTMF), or "Keypad Tone" signals can be transmitted during a call by entering digits on the keypad or recalling numbers from memory. By sending DTMF signals you can access special services such as voice mail and answering machines that require long duration tones.

Keypad (DTMF) Tone Duration

You may select the time duration of Keypad (DTMF) Tones either long tone (Long On) or short tone (Long Off) whenever you wish.

- ✓ To toggle the Long Tone On or Off, press the **FUNCTION** key , , .



The letters "LONG" or "OFF" will appear in the display to indicate the mode.



If you select the "LONG" mode, a continuous tone will sound for up to 3 seconds when you press any key.

If you select the "OFF" mode, a tone duration will be fixed to 95 milli seconds.

Keypad (DTMF) Tone Mute

The "Keypad Tones" (DTMF) may be muted during conversation, for example, to store a number into the Scratch Pad without interrupting conversation.

- ✓ To mute the keypad tones, press the **FUNCTION** key , .

- ✓ To enable the keypad tones, press the **FUNCTION** key ,  again.





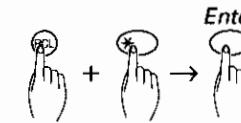
Sending DTMF Tones

- ✓ From the Keypad:

Press any key  ~ , , and  to send the DTMF tones during conversation mode.

- ✓ From a memory location:

Press the **MEMORY RECALL** key , the digit key , and enter a 2 digit memory location, in accordance with the procedure described in "Memory Redial" to send DTMF tones from memory. The DTMF tone will be heard in conjunction with the telephone number recalled and displayed.

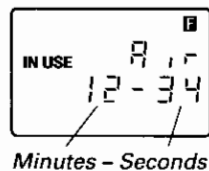


Recalling numbers in DTMF mode is not possible while DTMF Mute is active.

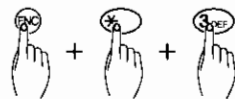
◆ Timer and Counter Functions

Elapsed Time Display

While the *IN USE* indicator **IN USE** is lit, the clock in the display panel will keep a running total of elapsed time from the time of connection for that call in minutes:seconds format. While not in use this function will display the total elapsed time (spent on-line) of the last call made.



- ✓ To display the elapsed time in the display panel, press the **FUNCTION** key (FNC), (*), (3 DEF). The word "IN USE" will appear in the display panel.

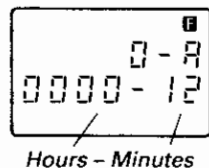


- ✓ To erase the elapsed time from the display just press the **CLEAR** key (CLR).

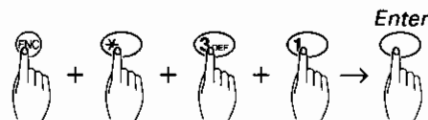
⚠ The time count will reset to 00:00 after 99 minutes and 59 seconds.

Outgoing Call Timer

This function is used to time your outgoing calls. The timer resets to 00:00 after 9,999 hours and 59 minutes.



- ✓ To display the value for outgoing call times, press (FNC), (*), (3 DEF), (1), then enter the registered two-digit Outgoing Call Timer access code.



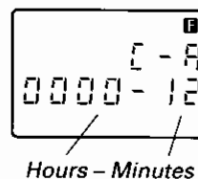
- ✓ To manually reset the Outgoing Call Timer to 00:00, press (*), (CLR).
- ✓ To exit this mode, press the **CLEAR** key (CLR).

⚠ The unit's Outgoing Call Timer access code has been set to 12 at the factory, but it may be changed if you desire. Please refer to the section entitled "User Programmable Codes."

⚠ The number you enter as an access code should be written down and stored safely!

Cumulative Call Timer

The Cumulative Call Timer keeps a running total of on-line usage in hours:minutes format. This timer resets to 00:00 after 9999 hours and 59 minutes have been accumulated



- ✓ To display the value of the Cumulative Call Timer, press the **FUNCTION** key (FNC), (*), (3 DEF), (2 ABC), and enter registered 2 digit Call-timer access code.



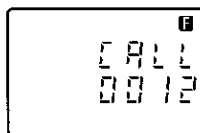
- ✓ To manually reset the call timer to 0:0, press (*), the **CLEAR** key (CLR).
- ✓ To exit this mode, press the **CLEAR** key (CLR).

⚠ While the unit's Call Timer code has been factory set as 12, it may be changed if so desired. Please refer to the section entitled "User Programmable Codes".

⚠ The number you enter as an "Access Code" should be written down and stored safely!

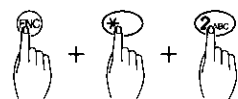
Temporary Accumulated Call Counter

This feature is used to check the temporarily accumulated (reset to 0 on the 10,000th call) number of calls.



- ✓ To check the number of calls made, press the **FUNCTION** key **[FNC]**, **[*]**, **[2ABC]**.

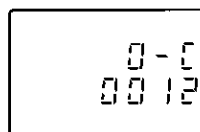
The temporarily accumulated number of calls will appear in the display following the word "ALL". If you wish to reset this total to 0 simply press **[*]**, **CLEAR** key **[CLR]** before exiting this mode.



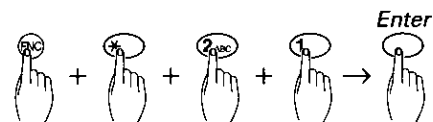
- ✓ To exit this mode, press the **CLEAR** key **[CLR]**.

Outgoing Call Counter

This feature is used to check the number of outgoing calls. It resets to 0 after the 10,000th call has been made.



- ✓ To check the number of outgoing calls that have been made, while the telephone is not in use, press **[FNC]**, **[*]**, **[2ABC]**, **[1]**, and enter the registered two-digit Outgoing Call Counter access code. If you wish to reset this total to 0, simply press **[*]**, **[CLR]** before exiting this mode.



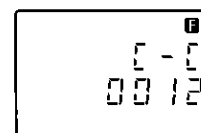
- ✓ To exit this mode, press **[CLR]**.

! The unit's Outgoing Call Counter access code has been set to 12 at the factory, but it may be changed if you so desire. Please refer to the section entitled "User Programmable Codes."

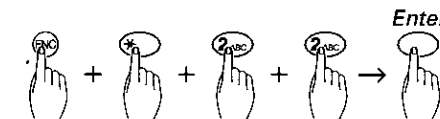
! The number you enter as an access code should be written down and stored safely!

Accumulated Call Counter

This feature is used to check the accumulated number of calls. This total will reset to 0 on the 10,000th call.



- ✓ To check the number of calls made, press the **FUNCTION** key **[FNC]**, **[*]**, **[2ABC]**, **[2ABC]**, and enter registered 2 digit Call Counter access code while the telephone is not in use. The accumulated number of calls will appear in the display following the letters "ACC". If you wish to reset this total to 0 simply press **[*]**, **CLEAR** key **[CLR]** before exiting this mode.



- ✓ To exit this mode, press the **CLEAR** key **[CLR]**.

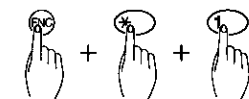
! While the unit's Call Counter access code has been factory set as 12, it may be changed if so desired. Please refer to the section entitled "User Programmable Codes".

! The number you enter as an "Access Code" should be written down and stored safely!

Call Time Warning Tone

A time warning tone option exists that can be used to keep audible track of the elapsed time spent while using your phone. The tone will signal you as each minute passes during a call.

- ✓ To toggle the Warning Tone on or off, press the **FUNCTION** key **[FNC]**, **[*]**, **[1]** while not in use. The letters "bEEP ON" or "bEEP OFF" will appear in the display to indicate the mode's current setting.



! This mode can not be changed during conversation.

◆ SID Management (NAM Option)

This feature enables you (by NAM option) to take advantage of a family of SID groups. This is a group of cellular systems in cities that your carrier owns or has special billing arrangements with. Your close family SID's (like brothers and sisters) will be billed at the same rate as your home billing and will be indicated as "Home" (i.e. both **NO SVC** and **ROAM** are off) on your display. More distant family SID's (like cousins) will be billed at a preferred rate. Your phone will display solid **ROAM** when using these groups of systems in their cities. When flashing **ROAM** is displayed, you are using a SID system that is not included in the NAM assigned groups.

If your display indicates flashing **NO SVC**, you will need to change your A/B switch selection or, please refer to Multiple City Registration to enable you to make a call.

If in question as to what SID (system identification) you are using, press **FNC** ***** **0** to display the current SID.

◆ A/B System Selection

This feature permits you to select the system you need to use. The system that you are registered with is the preferred system, and your home system.

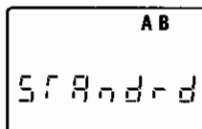
When you turn the unit on, the unit remembers the last position of the A/B system selected, and will start to scan the radio frequency channels of that selection.

If you want to confirm the current mode, press **FNC**, key **6** then **5**. Status indicator shows the current mode.

Standard Mode

Press **FNC**, key **6** then **0**. Status indicator shows "STANDARD", and both **A** and **B** system indicators will be displayed in the display panel.

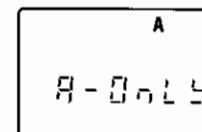
The unit will scan the preferred system channels. If unable to find an acceptable preferred channel, the unit switches to scan the non-preferred system channels.



System A Only Mode

Press **FNC**, key **6** then **1**. Status indicator shows "A-ONLY", and **A** system indicator will be displayed in the display panel.

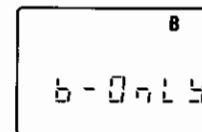
The unit will scan the A system only and prevents switching over to the B system.



System B Only Mode

Press **FNC**, key **6** then **2**. Status indicator shows "B-ONLY", and **B** system indicator will be displayed in the display panel.

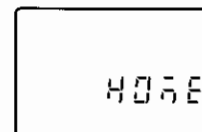
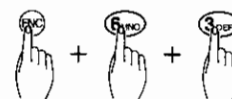
The unit will scan the B system only and prevents switching over to the A system.



Home Mode

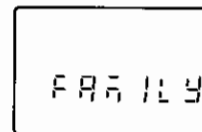
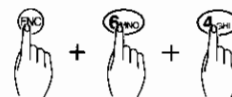
Press **FNC**, key **6** then **3**. Status indicator shows "HOME", and **A B** system indicators will not be displayed in the display panel.

You can place or receive calls only within your Home area.



Family First Mode

Press **FNC**, key **6** then **4**. Status indicator shows "FAMILY", and **A B** system indicators will not be displayed in the display panel.

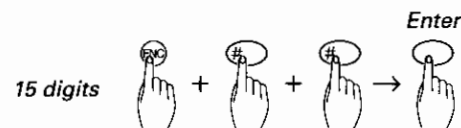


◆ Multiple City Registration


Some cellular users find it beneficial to register their phone in multiple cities, rather than rely on "roam". The multiple city registration feature permits you to reprogram from the telephone unit, the different phone numbers for the cities in which you are registered. Each programmed phone number will be designated as your home system.

Press **CR**, and enter the new system ID number (5 digits) followed by the corresponding phone number (10 digits). Please include your area code. You must register your unit with the carrier in order to get both the system ID number and your phone number.

Press **PG**, **#**, **#** and enter the 3-digit Lock code.



After programming the new number the unit automatically wakes up again, and displays the new phone number.

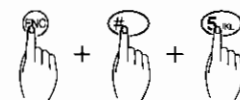
 *System ID number and phone number can not be programmed during a call.*

Calls are placed or received using only the programmed phone number, in use at the time of call.


◆ User Programmable Code


There are 4 user programmable codes used for data preservation and security purposes. The fact that they are "user programmable" allows the user to change these numbers, customize the system and further the security benefits.

✓ To change a code from the factory setting or previously modified setting, press the **FUNCTION** key **PG**, **#**, **5**, and enter the number of the corresponding mode you wish modified (refer to "Mode #" in the table below). The mode name will appear in the display followed by the letter "P". At this point enter the factory setting or previously modified setting. The letter "P" will replace the "P" in the display panel at which time you may enter your newly contrived 2 or 3 digit code. Press the **SEND** key **SEND** to save your newly entered code. Upon saving the code the unit releases the mode and the display will be cleared.




✓ To correct an error made while entering keys, press the **END** key **END** and repeat the process from the beginning.

 *When contriving a 3 digit code, any 3 digits are acceptable except 911, 000, 119 and the 3 digit emergency number registered in the NAM.*

 *Always keep a record of any modified code numbers. They will be necessary to access corresponding features or to reenter new codes.*

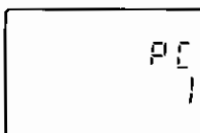
Mode Name	Mode #	Display	Factory Setting
Unlock	1	U L	123
Call Restriction	2	[1	123
Call Counter	3	[1 1	12
Call Timer	4	[1 1	12

 *The UNLOCK code is also used in the "Multiple City Registration" process.*

◆ RF Power Output Selection

The unit is capable of using one of three maximum RF power output levels, 3watts, 1.2watts, or 0.6watts.

- ✓ To select from among the different power levels to be used, press the **FUNCTION** key **[FNC]**, **[*]**, **[4Gw]** enter the number corresponding to the output level you wish to use:



Corresponding No.	Power Output Level
1	3 Watts
2	1.2 Watts
3	0.6 Watts

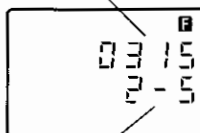
and press the **STORE** key **[STO]** to confirm your selection and set the level.

◆ Channel and RSSI Level Display

RSSI levels are the signal strength of the current channel of operation represented in voltage. The higher the voltage (the bigger the number) represented in the display the better the connection and the clearer communications will become.

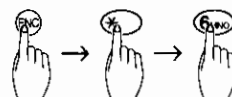
By following the procedure below the channel number currently in use and the RSSI level will be displayed in the display panel and will be refreshed with current data every second.

Channel Number



Signal Strength

- ✓ To display the Channel Number and RSSI Level, simply press the **FUNCTION** key **[FNC]**, **[*]**, **[6RSS]**.

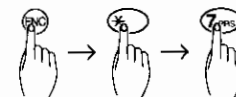


- ✓ To clear the display, press the **CLEAR** key **[CLR]**.

◆ Battery Voltage Level

The battery voltage level may be viewed at any time.

- ✓ To display the battery voltage level, just press the **FUNCTION** key **[FNC]**, **[*]**, **[7BVS]**.



- ✓ To clear the display, press the **CLEAR** key **[CLR]**.

◆ Electronic Serial Number (ESN)

The cellular phone has an electronically encoded serial number which may be displayed as desired.

- ✓ To display the Electronic Serial Number, press the **FUNCTION** key **[FNC]**, **[*]**, **[2ENC]**.



- ✓ To clear the display, just press the **CLEAR** key **[CLR]**.

◆ ANTI FRAUD SECURITY FEATURE

Your new Audiovox Cellular telephone has been engineered with the latest technology to help protect from the fraudulent use of your cellular telephone number.

Cellular fraud most often occurs by cellular thieves using electronic devices that can read your unique cellular phone number and your phone's electronic serial number (E.S.N). This information can then be programmed into another phone for fraudulent use.

Certain cellular systems provide for an ANTI FRAUD security feature to help protect the unauthorized use of your cellular telephone number. This feature utilizes a special personal identification number (PIN).

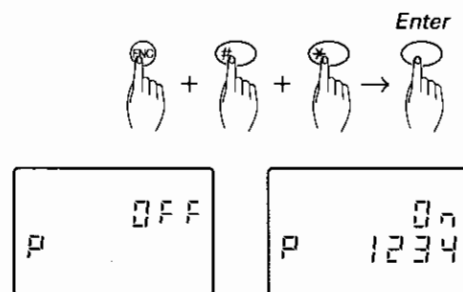
Should your cellular carrier offer this enhanced service, your new phone must be programmed with a PIN chosen by you. For your protection, you cannot make any outgoing calls until you have established your PIN. To establish your PIN, please contact your cellular service provider for specific instructions.

✓ To place a call using the ANTI FRAUD security feature.

1. Enter the number you are calling by either dialing the number or recalling the number from a specific memory location.
2. Press the **SEND** key. As your call is being processed the word "P n" will flash in the display.
3. Press the **SEND** key again. Your call will then be placed.

✓ To enter the PIN number and turn the ANTI FRAUD feature on or off.

1. Press the **FUNC**, **#**, *****, and enter 3-digit registered unlock code.



2. Your PIN number and the on/off status will appear in the display.
3. Press the **▲/▼** buttons to turn the ANTI FRAUD feature on or off.
4. After you have entered the PIN number and selected the desired on or off status, press the **STO** key to store your selection.
5. Press the **END** key to exit.

✓ To place a call with the ANTI FRAUD feature in one touch dialing.



1. Press the **M** key for more than 0.5 seconds. The telephone number will appear in the display. As your call is being processed, the word "P n" will flash on the display.
2. Press the **M** key again, your call will then be placed.

◆ Hands-Free Operation

Within Hands-Free mode, telephone calls may be made or received without removing the handset from its cradle.






Hands-Free Calling

Calls may be placed without lifting the handset from its cradle.

- ✓ In order to place a call in the Hands-Free mode, simply enter the desired telephone number and press the **SEND** key . When the called party answers proceed with the call as usual but leave the handset in its cradle and use the external microphone and loudspeaker.
- ✓ When the call is finished, press the **END** key  to cause an On-Hook condition and terminate the call.


Hands-Free Answering

Calls may be answered without removing the handset from its cradle.

- ✓ To answer a call Hands Free, press any key except the POWER switch , , , and the **END** key  and proceed with answering the call as usual but leave the handset in its cradle and use the external microphone and loudspeaker.
- ✓ To terminate the call when finished, press the **END** key .


Hands-Free to Handset Switching

An ongoing conversation utilizing Hands-Free communication may be switched over to normal handset operation.

- ✓ To switch over to handset operation while in Hands-Free mode simply remove the handset from its cradle and proceed with the conversation using the handset.
- ✓ To terminate the call when finished, press the **END** key .

Handset to Hands-Free Switching

An ongoing conversation utilizing the handset may be switched over to Hands-Free communication. (When Hands-Free option is enabled in the NAM)

- ✓ To switch over to Hands-Free communication while utilizing the handset simply replace the handset in its cradle and proceed with the conversation using the external microphone and the loudspeaker.
- ✓ To terminate the call when finished, press the **END** key .



Although the cellular phone was designed to eliminate most background noises during Hands-Free operation, it is recommended that you try to reduce interior vehicle noise as much as possible. This may be accomplished by limiting the volume levels of any audio equipment you may have installed, selecting a low fan speed on the vehicle's heater or air conditioner, or rolling up the windows while in heavy traffic.

INSTALLATION

This section outlines attaching to the soft bag and connections.

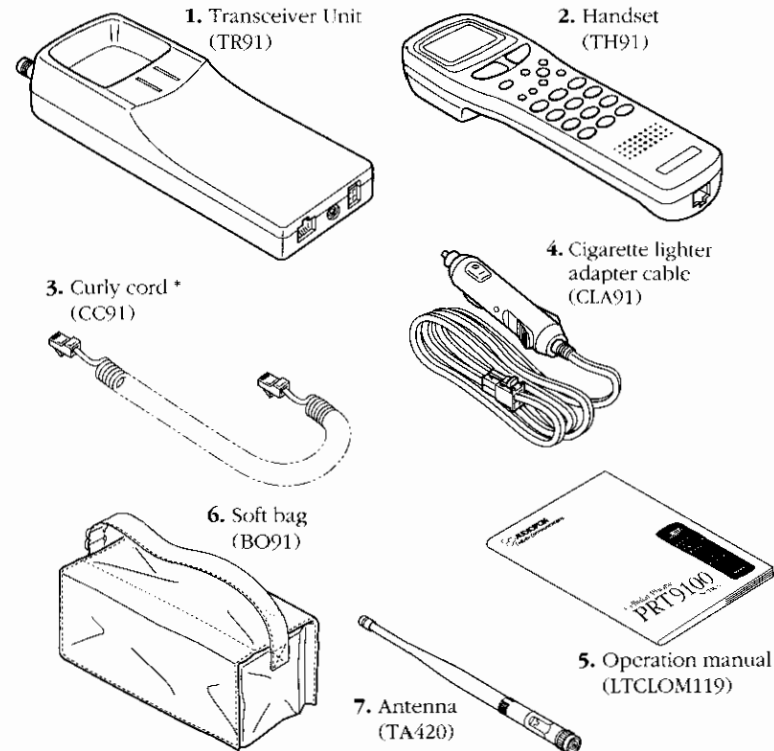


There are some basic rules that apply to most hardware installation procedures and need to be observed to prevent damage or injury.

- Always make sure that any power is disconnected to the vehicle before handling any electrical components like wiring, fuseboxes, connectors, etc.
- Never force any connection between components, electrical connectors or the alike.
- Always use the proper tools for the task at hand. Using improper tools may cause damage to yourself, your vehicle, or your cellular telephone system.
- Think through all the necessary steps of installation before actually beginning the procedure and equip yourself for all steps to be performed.
- Always make sure your workspace and your tools are clean and tidy. The introduction of dirt or grease may hinder the performance of your cellular telephone and related components.

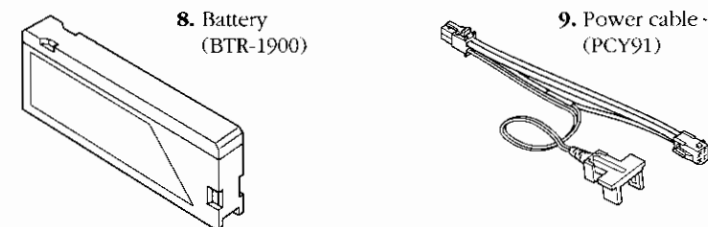
Parts List

PRT9100 Basic Kit



** Note: Use specified curly cord only.*

Optional Parts



10. Car mount kit (CMK91)

Refer to the enclosed Installation Manual for details on attaching a cellular telephone to a car.

◆ Attaching to the Soft Bag and Connections

Before We Begin

You will need the following items in order to properly install the cellular telephone in the soft bag.

Included

- | | |
|------------------------------------|---------|
| 1. Transceiver unit | (TR91) |
| 2. Handset | (TH91) |
| 3. Curly cord | (CC91) |
| 4. Cigarette lighter adapter cable | (CLA91) |
| 6. Soft bag | (BO91) |
| 7. Antenna | (TA420) |

Purchased Separately

- | | |
|-------------------|------------|
| 8. Battery | (BTR-1900) |
| 9. Power cable | (PCY91) |
| 10. Car mount kit | (CMK91) |

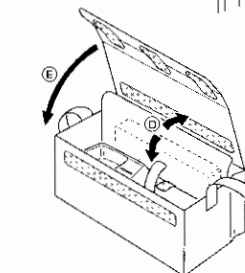
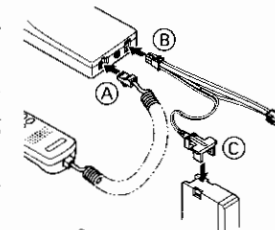
Refer to "Parts List" on page 35 for visual conformation.

Step 1. Using PRT9100 in transportable mode

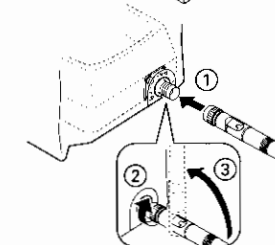


You will need the optional battery (BTR-1900) and the power cable (PCY91) to operate the cellular phone.

- ✓ Connect the curly cord and power cable to the transceiver. Then attach the power cable connector to the battery, then insert it into the bag and fasten the velcro fastener. Attach the handset to the transceiver. (Step A ~ E)

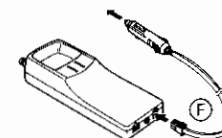


- ✓ Attach the antenna.



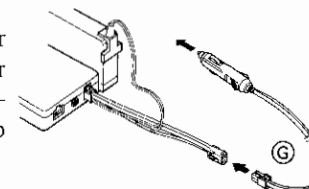
Step 2. Using PRT9100 in your vehicle

- ✓ To use your PRT9100 in your vehicle, connect the cigarette lighter adaptor to the transceiver, then plug it into the vehicle's cigarette lighter socket. (Step F)



Optional method

Connect the cigarette lighter adaptor to the optional power cable, then plug it into the vehicle's cigarette lighter socket. (Step G)



◆ GENERAL SPECIFICATIONS *

Frequency Range:	
Transmit:	824.040 to 848.970 MHz
Receive:	869.040 to 893.970 MHz
Number of RF Channels:	832 Channels, Full Duplex
Channel Spacing:	30 KHz
Duplex Spacing:	45 MHz
Frequency Stability:	±2.5 PPM
Operating Temperature:	-22°F to +140°F (-30°C to +60°C)
Supply Voltage:	13.7V DC±20%, Negative Ground
RF Power Output:	3W (MAX)
Dimensions (W x D x H):	
Transceiver:	approx. 3.1" x 8.3" x 1.9" (80 x 210 x 48.5mm)
Handset:	approx. 2.2" x 7.6" x 1.5" (57 x 195 x 38mm)
Weight:	
Transceiver:	1 lb. 6.2 oz. (630 g)
Handset:	5.7 oz. (161 g)

* Subject to change without notice.

TABLE OF KEY OPERATION

KEY OPERATIONS	FUNCTION	KEY OPERATIONS	FUNCTION
(PWR)	Turns on and off the unit.	(FNC) + (*) + (2 ABC)	Displays the temporarily accumulated number of calls.
(FNC) + (0 OPEN) + (SEND)	Redials Automatically.	(FNC) + (*) + (2 ABC) (1) +NAM code	Displays the number of outgoing calls.
PHONE NO. + (FNC) + (1)	Stores to Scratch Pad Memory.	(FNC) + (*) + (2 ABC) (2 ABC) +NAM code	Displays the accumulated number of calls.
(FNC) + (3 DEF)	Turns on and off the DTMF tone.	(FNC) + (*) + (3 DEF)	Displays the time of current or last call.
(FNC) + (5 JKL) +NAM code	Locks the unit electronically.	(FNC) + (*) + (3 DEF) (1) +NAM code	Displays the time of outgoing calls.
(FNC) + (6 MNO) + (0 OPEN)	Switches to the Standard scan mode.	(FNC) + (*) + (3 DEF) (2 ABC) +NAM code	Displays the cumulative call time.
(FNC) + (6 MNO) + (1)	Switches to the System A Only mode.	(FNC) + (*) + (4 GHI) +3-DIGIT code	Turns the One Touch Emergency call mode on and off.
(FNC) + (6 MNO) + (2 ABC)	Switches to the System B Only mode.	(FNC) + (*) + (5 JKL) +NAM code	Activates the Call Restriction mode.
(FNC) + (6 MNO) + (3 DEF)	Switches to the Home mode.	(FNC) + (*) + (6 MNO)	Display the RSSI Level.
(FNC) + (6 MNO) + (4 GHI)	Switches to the Family First mode.	(FNC) + (*) + (7 PQRS)	Displays the Battery Voltage.
(FNC) + (6 MNO) + (5 JKL)	Displays current scan mode.	(FNC) + (*) + (8 TUV) + (8 TUV) + (8 TUV)	Displays the preceding digits.
(FNC) + (8 TUV)	Turns the Silent Alert mode on and off.	(FNC) + (*) + (9 WXYZ) + (0 OPEN) + (▲) / (▼)	To adjust and display the earpiece volume level.
(FNC) + (9 WXYZ)	Turns the Automatic Answer mode on and off.	(FNC) + (*) + (9 WXYZ) + (1) + (▲) / (▼)	To adjust and display the alert sound output volume level.
(FNC) + (*) + (0 OPEN)	Displays current receiving SID.	(FNC) + (*) + (9 WXYZ) + (2 ABC) + (▲) / (▼)	To adjust and display the loudspeaker output volume level for keypad tone.
(FNC) + (*) + (1)	Turns the Call Time Warning Tone on and off.		

KEY OPERATIONS	FUNCTION
$\text{FNC} + \text{[*]} + \text{9} \text{ (REV)} + \text{3} \text{ (DEF)} + \text{▲} / \text{▼}$	To adjust and display the loudspeaker output volume level for Hands-Free speaker.
$\text{FNC} + \text{[*]} + \text{1}$	Displays own telephone number.
$\text{FNC} + \text{[*]} + \text{2} \text{ (ABC)}$	Displays the Electronic Serial Number (ESN).
$\text{FNC} + \text{[*]} + \text{3} \text{ (DEF)}$	Displays the Home System ID (SIDH).
$\text{FNC} + \text{[*]} + \text{4} \text{ (OH)} + \text{Level code (1-3)} + \text{STO}$	Selects Max. RF Power Level. (1=3W, 2=1.2W, 3=0.6W)
$\text{FNC} + \text{[*]} + \text{5} \text{ (JL)} + \text{1}$	Changes the Unlock Code.
$\text{FNC} + \text{[*]} + \text{5} \text{ (JL)} + \text{2} \text{ (ABC)}$	Changes the Call Restriction Access Code.
$\text{FNC} + \text{[*]} + \text{5} \text{ (JL)} + \text{3} \text{ (DEF)}$	Changes the Call Counter Access Code.
$\text{FNC} + \text{[*]} + \text{5} \text{ (JL)} + \text{4} \text{ (OH)}$	Changes the Air Timer Access Code.
$\text{FNC} + \text{[*]} + \text{8} \text{ (TUV)}$	Changes the key pad (DTMF) Tone Duration in conversation
$\text{FNC} + \text{[*]} + \text{[*]} + \text{3-DIGIT CODE}$	Enters PIN number entry mode.
$\text{FNC} + \text{[*]} + \text{[*]} + \text{NAM CODE}$	Multiple City Registration (Changes the phone number and SIDH)
CLR	Clears the last digit. If held in, erases the entire number from display.

KEY OPERATIONS	FUNCTION
$\text{CLR} + \text{END}$	Clears the entire number from display.
$\text{PHONE NO.} + \text{STO} + \text{ADDRESS NO.}$	Stores the telephone number in the memory.
$\text{PHONE NO.} + \text{STO} + \text{STO}$	Searches the vacant memory and stores the telephone number automatically.
$\text{STO} + \text{▲} / \text{▼}$	Searches the vacant memory address to store.
$\text{RCL} + \text{[*]} + \text{0} \text{ (OPEN)} / \text{1} / \text{2} \text{ (ABC)}$	Displays the telephone number of three latest calls.
$\text{RCL} + \text{[*]} + \text{0} \text{ (OPEN)} + \text{SEND}$	Redials the last number dialed.
$\text{RCL} + \text{ADDRESS NO.}$	Recalls the telephone number from the memory.
$\text{RCL} + \text{[*]} + \text{ADDRESS NO.}$	Adds the DTMF tone to the recalled number.
$\text{RCL} + \text{▲} + \text{▼}$	Recalls the telephone number in address order.
MT	Allows to place a call with a single key stroke. Switches the Mute mode on and off.
SEND	Receives the call.
$\text{PHONE NO.} + \text{SEND}$	Processes the call.
END	Terminates the call.

12 MONTH LIMITED WARRANTY

AUDIOVOX CORPORATION (the Company), warrants to the original retail purchaser of this Audiovox Cellular Telephone, that should this product or any part there of (except the items listed below), under normal use and conditions, be proven defective in material or workmanship within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The following items, if supplied, are similarly warranted from the date of purchase for 90 Days-Retractable antenna, transportable antenna, rechargeable battery-pack, desk-top charger, AC/DC adapter, cigarette lighter adapter, carrying bag and bag hardware, wrist strap, travel charger.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of warranty coverage, specification of defect(s), transportation prepaid, to the Company at the address shown below.

In the United States call toll free to (800) 229-1235 [in NY State and other areas, call (516) 233-3410]

This Warranty does not apply to fuses, or costs incurred for removal, reinstallation, testing, evaluation, or to any product or part there of which has suffered through alteration, serial number defacement, improper installation, excessive temperature or humidity, environmental conditions, mishandling, misuse, neglect or accident. This Warranty is not assignable or transferable.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COM-

PANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

The Company disclaims liability for geographic coverage, inadequate signal to antenna, communications range or operation of the Cellular System as a whole.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY, ANY ACTION FOR BREACH OF ANY WARRANTY HERE-UNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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