

**AUDIOVOX
CDM-3000/CDM-3000XL**

**Dual Mode CDMA/AMPS
Handheld Portable
Cellular Telephone**

Congratulations... You have just purchased one of the most advanced cellular telephones in the market today. Your new Audiovox portable telephone is a dual mode cellular telephone operating in both the standard analog and the CDMA "digital" modes.

CDMA technology is a superior digital technology that greatly increases the quality and capacity of the cellular system and will provide you with enhanced features and services. Among the many additional benefits your new Audiovox portable phone will provide while operating in the digital mode are, superior voice quality, increased talk and standby times and enhanced privacy.

Your new Audiovox dual mode cellular telephone combines all the advantages of CDMA digital technology along with Audiovox innovative engineering into a small, attractive unit that is very easy to use.

The Audiovox CDM-4000/CDM-4000XL is packed with advanced features that provide you with advanced features that provide you with the ultimate in convenience and performance such as a large 3 line 26 character LCD display, 99 alpha numeric memory locations, a user friendly multi-function key, as well as a one touch voice mail access key.

Other feature highlights include one touch emergency dialing, 10 number caller ID storage and scroll, text messaging and voice mail notification.

Optional accessories include a slim profile nickel metal hydride battery, a hands free car kit, a battery eliminator, cigarette lighter charger, earphone/microphone and a data interface device (check availability). A leather carrying case is also available.

And of course, your new Audiovox Dual Mode cellular telephone comes with something only an Audiovox phone can provide. The proven reliability that has made Audiovox one of the world's leading suppliers of cellular communications equipment.

Please take a few moments to read the following pages of the user's operation manual. It will help you make the most efficient use of this valuable communications tool.

SYSTEM CONFIGURATION

System configuration and the equipment list are as shown below



WRIST STRAP ATTACHMENT

Attach the wrist strap to the phone through the strap hole as shown below 1
Then pull the long loop through the smaller loop as shown below 2



BATTERY INSTALLATION AND RECHARGING

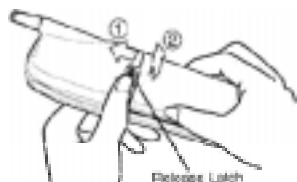
To Attach the Battery Pack

1. Insert the hook at the end of the Battery Pack into the slot at the end of the phone.
2. Press the Battery Pack down to lock the Battery Pack onto the phone.



To Detach the Battery Pack

1. Slide back the Release Latch as shown below.
2. Lift up to remove the Battery Pack from the phone gently



TO RECHARGE BATTERY

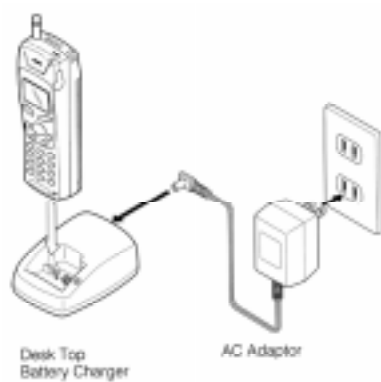
The Desk Top Battery Charger (DTC-3000) can recharge a Battery alone or while it is attached to the Portable Telephone.

DC voltage is supplied by the separate AC Adaptor. It takes approximately 2.5 hours for full charge.

1. The LED (Light Emitting Diode) on the Desk Top Battery Charger lights green when DC voltage is supplied from the AC Adaptor.
2. The Battery charging starts when the Portable Phone or a Battery is placed into the battery charger. The LED then lights red.
3. When the charging is finished, the LED changes to flashing green.

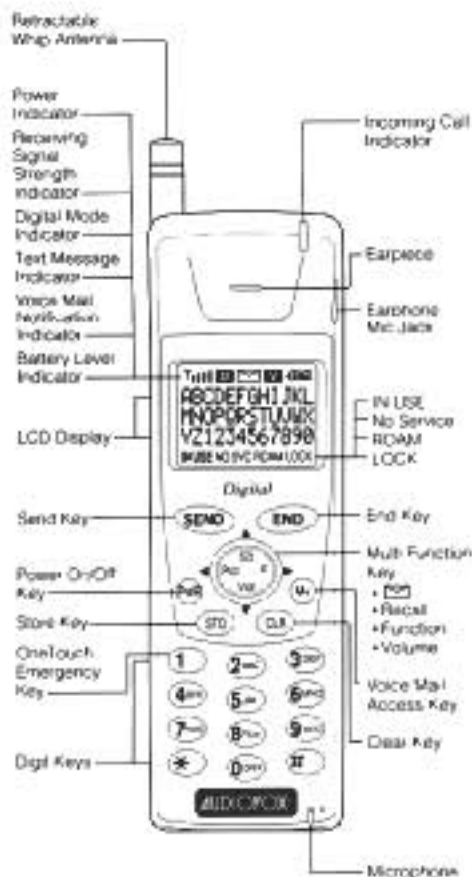
Notes:

1. Environmental temperature for full battery recharging with 2.5 hours: $0 \sim +35^{\circ}\text{C}$.
2. We recommend you to turn off the power of the telephone to secure complete recharging of the battery.
3. The Battery Charger and the Battery Pack will get warm during the charging cycle. This is normal.



FUNCTIONS

External View



Function of Keys

Key-Board Arrangement	Digit Keys		To enter Telephone Numbers, Names or special characters. (* or #) is also used for OneTouch Emergency feature
	Function Keys		
			To originate or receive a Call
			To terminate a Call.
			To review Text Messages or to learn how many Voice Messages are in your Voice Mailbox. Also used as Up-arrow key
			To recall phone numbers from memory. Also used as Left-arrow key.
			To be used with other keys to activate various special features. Also used as Right-arrow key
			To control Earpiece audio level, Alert Tone and key Tone. Also used as Down-arrow key.
			To turn the phone ON/OFF.
			To access your Voice Mail with only one key
			To store phone numbers in memory
			To clear digits from the display or from a memory location

LCD Display Indication

Item	Description
	Signal Strength Indicator. The number of lines indicates the received Signal Strength, and T is also used as a POWER ON Indicator.
	Digital Mode Indicator. To indicate the phone is operating in digital mode.
	Text Message Indicator. To indicate that Text Messages are stored in memory.
	Voice Mail Notification Indicator. To notify that Voice Messages are in your Voice Mailbox.
	Battery Level Indicator. Monitors the battery charge condition.
	3 line, 36 character alphanumeric dot matrix LCD-type display
IN USE	A Call is in progress
NO SVC	The phone is out of the Service Area.
ROAM	The phone is out of the Home-Area.
LOCK	The phone is Electronically Locked.

GETTING STARTED

Turning the Phone On/Off

Press  for more than one second. All the indicators and the digit display will light momentarily, and a tone will be heard. The indicator  will stay while the phone is turned on. To turn the phone off, press  for more than one second..

Antenna Position

Your portable cellular telephone is equipped with a dual position antenna system, This dual position antenna has been especially designed to allow your phone to receive calls while the antenna is down. However, for optimum performance and signal strength or while operating in poor signal areas, it is recommended that the antenna be fully extended.

Note: The antenna can be used in its fully extended or fully retracted position only.

Receiving Signal Strength Indicator (RSSI)

The number of lines indicates the Signal Strength in your area. Four lines show the maximum level. The display will vary as you move with the phone. If the signal is not strong enough to place a call, “  ” will appear on the LCD display.

Battery Level Indicator

You can always monitor the battery charge condition with the constant battery level indicator. The number of blocks indicates the battery conditions as follows:

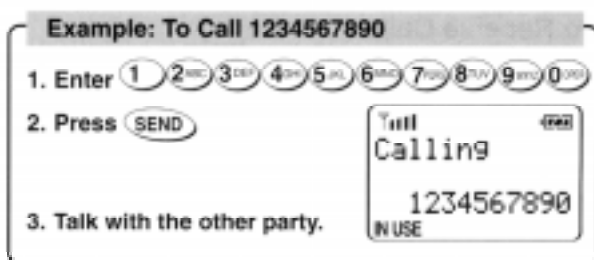
-  Full charge
-  Low charge
-  Flashing indicates discharged.

BASIC OPERATION

Placing Calls

To Place a Call

1. Enter the phone number.
2. The dialed number is displayed on the LCD display. (A maximum of 32 digits will be displayed.)
3. Press . The “  ” indicator will light.



Note: If a dialing error is made, press **CLR**, and re-enter.
Pressing **CLR** momentarily clears the last digit only.
Pressing **CLR** and holding erases all the digits.

Example: To Call 1234567890

1. Enter 1 2 3 4 5 6 7 8 9 0
2. Press **SEND**.
3. Talk with the other party.

Note: If a dialing error is made, press **CLR**, and re-enter.
Pressing **CLR** momentarily clears the last digit only.
Pressing **CLR** and holding erases all the digits.

If the Call Fails to Go Through

- If you hear the “reorder” signal, press **END** and if there were no dialing errors, press **SEND** to redial. (Re-entering the digits is not necessary.)
- If the “intercept” signal is heard, press **END** then re-enter the correct number, and press **SEND**.

To Mute a Phone Conversation

Example:

Example: To Mute a Phone Conversation

1. Press **+**
2. Press **+** **+**
3. The transmit audio will be muted and the receive audio will be heard from the receiver.
4. To return to normal conversation, press **+** **+** again.
5. Mute is reset when the call is terminated.

Talk
Conversation
Menu
Press **+** **+**
IN USE

Talk
Mute
IN USE

Scratch Pad Dialing

This feature permits you to enter a number to be dialed (or to store a number in memory) while engaged in a conversation. When key tones volume is set to “silent” mode, the Scratch-Pad Dialing can be performed without hearing the key tones.

Terminating a Call

Press **END**. The “**IN USE**” indicator will go out.

To Receive a Call

When the telephone rings, press **SEND** to answer the call. The “**IN USE**” indicator will light.

Any Key Answering

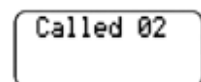
This feature permits you to answer an incoming call by pressing any key on the keypad.

Note: The following keys will not answer the call.



Automatic Calls-in-Absence Indicator

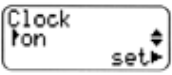
This feature indicates the number of unanswered incoming calls. If incoming calls are not answered, the LCD display will indicate "Called XX". XX is the number of calls (01 to 99) missed. For example, if two calls were not answered, the display will be:



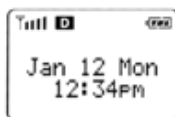
Depressing any key (other than ) will clear the number of calls indicated in display. However, the number of calls will be retained, even if the phone is turned off.

Clock Indicator (Digital Mode Only)

When the phone is in an area with digital service (Digital Mode) with this feature enabled, the date, day, and the time are automatically displayed.

1. Press   . .
2. You can turn this feature on/off by  or .
3. Press  to set.

4. A time display example is as follows.

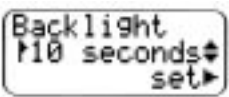


Notes: 1. During Digital Mode,  indicator lights.

2. During Analog Mode, or while  is indicated, the time display is not available even if this feature is on.

Backlight Control

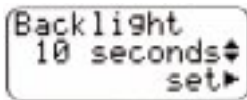
The LCD display and keypad are backlit automatically after Power-On. The Backlighting duration can be changed. Four modes are available.

1. Press   . .
2. You can change the current mode by  or .
3. Press  to set.

• 10 seconds Mode

Backlight is on for 10 seconds after a key is pressed. It also lights automatically when the power is turned on and for an

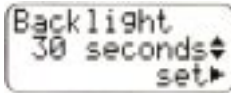
incoming call.



- **30 seconds Mode**

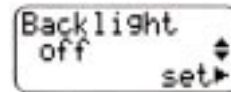
Backlight is on for 30 seconds after a key is pressed. It also lights automatically when the power is turned on and for an

incoming call.



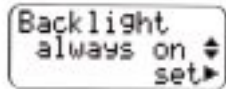
- **Off Mode**

Backlight is on momentarily when the power is first turned on, but remains off thereafter.



- **Always On Mode**

Backlight is always on.



Own Telephone Number Display

This feature enables you to display your own telephone number and the ID number (SID) of your “Home” Cellular System.

Press



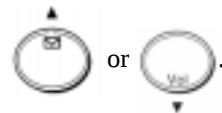
Low Battery Alarm (F36-9)

When activated, this feature warns by an audible alarm when the battery level is low. If the alarm is given, recharge the battery or replace it with a fully charged battery.

1. Press



2. You can turn this feature on/off by



3. Press



to set.

Volume and Tone Controls

Earpiece Volume Control

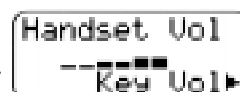
1. Press



. Press



repeatedly until you have the following display.



2. Keep pressing



or



until you get the desired sound level.

Alert Tone Volume Control

1. Press . Press  repeatedly until you have the following display. 
2. Keep pressing  or  until you get the desired sound level, or “silent” mode.

Note: In “silent” alert mode, alert tone is not given for an incoming call. However, if Automatic Answering feature is ON, alert tone is given with the lowest available volume.

Single Alert Beep Tone

This feature is used to signal incoming call with only a single beep. This feature can only be used with the “silent” alert mode.

To activate:

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

Key Tone Volume Control

1. Press . Press  repeatedly until you have the following display. 
2. Keep pressing  or  until you achieve the desired sound level, or “silent” mode.

Note: In “silent” key tone mode, you can make Scratch Pad Dialing without key tone.

Key Tone Length

This feature selects the duration of the tone length when a key is pressed.

1. Press   . 
2. You can change the current mode by  or .
3. Press  to set.

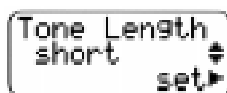
- **Normal Mode**

Tone is heard as long as the key is being pressed.



- **Short Mode**

Tone is heard for a short time even if the key remains pressed.



Lock Features

Your phone is equipped with three Lock modes as described below.

Keypad Lock

This mode is used for preventing inadvertent pressing of keys. (For example, when the phone is in a purse or pocket.) With this feature on, the following functions are still available.

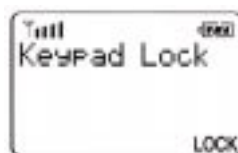
- Incoming calls can be answered with .
- Programmed emergency numbers can be called. (Except for **OneTouch Emergency Call**.)

The following functions are not available when this feature is on.

- Automatic Answering
- Any Key Answering
- OneTouch Emergency Call
- Turning off the phone by .

To Activate/Deactivate this feature;

1. Press    to activate “**Keypad Lock**” mode.



2. Press    again to deactivate.

Phone Lock

This mode is useful to prevent unauthorized use of the phone. With this feature on, the following functions are still available.

- Incoming calls can be answered with .
- Any Key Answering
- Programmed Emergency Call
- OneTouch Emergency Call
- Turning off the phone by .

The following function is not available when this feature is on.

- Automatic Answering

To Activate;

1. Press   .

2. The **LOCK** indicator turns on.

Note: The phone will remain locked even if the power is turned off.

Automatic Phone Lock

If you activate this feature, the phone will automatically go into the phone lock condition after it is turned off. When you turn the phone on, you must enter the three-digit unlock code before it operates.

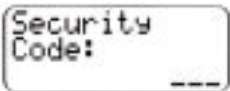
1. Press  **1** **3 DEF**. 
2. You can turn this feature on/off by  or .
3. Press  to set.

To Unlock the Phone

1. Enter the three-digit unlock code.
2. The “**LOCK**” indicator will go out.

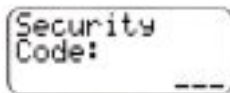
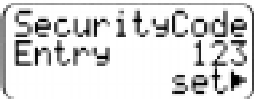
Note: The factory pre-programmed Unlock Code is 123.

To Change the Unlock Code (F14)

1. Press  **7 POPS** **4 GHI**. 
2. Enter the three-digit security code.
3. The current unlock code will be displayed.
4. Enter a new three-digit unlock code and press . 

Note: Security Code is a three-digit code which you need in order to use several of your phone's advanced features (for example, Call Restriction, Changing the Emergency Number etc.)

To Change the Security Code

1. Press  **7 POPS** **5 JKL**. 
2. Enter the three-digit security code.
3. The current security code is displayed.
4. Enter a new three-digit security code and press . 

ADVANCED OPERATION

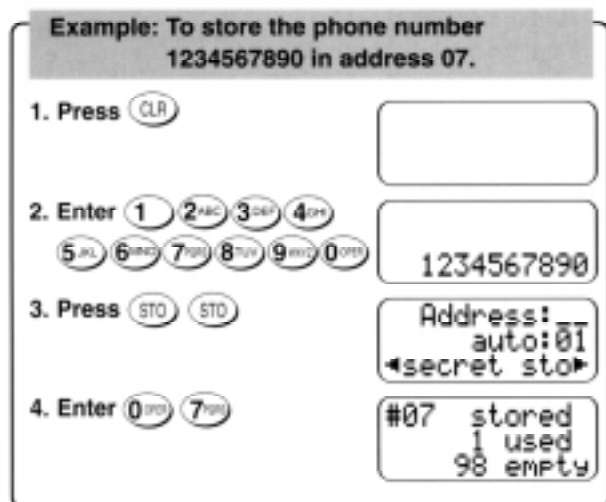
Repertory Memory Operations

Your phone is equipped with 99 memory locations for storing number. Stored numbers can be recalled from memory and dialed by simply pressing . For added convenience, telephone numbers can be stored and recalled with a name.

Numbers can also be marked Secret for added privacy. All the memory locations can store numbers up to 32 digits long. Longer numbers, or groups of numbers such those used for Voice Mail or Credit Card Calling can be linked together.

To Store a Number in Memory

1. Press **CLR**, then enter the phone number.
2. Press **STO** **STO**, then enter the desired memory address (01 through 99).



Adding Hyphens

This feature permits you to insert a hyphen mark between digits to make the display easier to read. You can also store directly in the repertory memory.

Example: To give a hyphen in the number 1234567890 to display it as 123-456-7890.

1. Press	
2. Enter	
3. Press	
4. Press	
5. Enter	
6. Press	
7. Press	
8. Enter	

Note: The maximum length of number is 32 digits including hyphen mark “-”.

Automatic Storing into a Vacant Memory Address

This feature allows convenient automatic storing into a vacant repertory memory address. The number will be stored in the first available memory address which will be indicated in the display. This feature can prevent the possible overwriting of a previously stored number.

1. Enter the phone number.

2. Press

Example: To store the phone number 1234567890 into a vacant memory address 01.

1. Press **CLR**
2. Enter **1** **2** **3** **4** **5** **6** **7** **8** **9** **0**
3. Press **STO** **STO**
4. Press **.**

1234567890

Address:
auto:01
◀secret sto▶

#01 stored
2 used
97 empty

To Store a Name with the Phone Number

To use this procedure, you will need to refer to **Alpha Mode** section.

1. Enter the phone number.
2. Press **STO** to select the Alpha Mode.
3. Enter the name.
4. Press **STO**, then enter the memory address (01 through 99) to store the number with the name into memory.

Example: To store the phone number 12345-67890 with the name Mr. JACKSON into memory address 11.

1. Enter the phone number;

1 2 3 4 5 6 7 8 9 0

1234567890

2. Set Alpha Mode; STO

[M+]:X→X

3. Enter the Name;

Mr. JACKSON

[M+]:X→X

6 7 7 7 7 2
(M) (r) (.)

5 2 2 2 5 5
(J) (A) (C) (K)

7 7 7 7 6 6 6 6
(S) (O) (N)

4. Store the Number; STO 1 1

#11 stored
3 used
96 empty

Note: When you want to store a phone number without entering a name, press **STO** twice after entering a phone number.

Alpha Mode

This feature permits you to tag an identifying name (“Alpha Tag” up to 24 characters) to each phone number in the memory address.

• To Enter Names using Alpha (Letters)

1. Press **CLR**, then enter the phone number.

2. Press **STO**.

[M+]:X→X

3. Press the appropriate digit key repeatedly until the character you need appears. The following table shows which character is assigned with each digit key. For example, to enter the letter “D”, press **3 DEF** once. For the letter “F”, press **3 DEF** three times.

ASSIGNED ALPHA CHARACTERS					
Key	1press	2press	3press	4press	5press
1	Blank	1			
2 ABC	A/a	B/b	C/c	2	
3 DEF	D/d	E/e	F/f	3	
4 GHI	G/g	H/h	I/i	4	
5 JKL	J/j	K/k	L/l	5	
6 MNO	M/m	N/n	O/o	6	
7 PQRS	P/p	Q/q	R/r	S/s	7
8 TUV	T/t	U/u	V/v	8	
9 WXYZ	W/w	X/x	Y/y	Z/z	9
0 OPER	0				

- When the letter or number you want is shown on the display, press the appropriate key for the next letter
- When you press  during entry of Alpha, you can change upper and lower case characters.
- Press  or  to enter a special character. Press Digit 1 ~ 9 on the left of the special character in the chart below

ASSIGNED SPECIAL CHARACTERS



1	!	2	*	3	&
4	'	5	(	6	)
7	*	8	+	9	-



1	-	2	.	3	/
4	:	5	<	6	>
7	=	8	?	9	#

- When an incorrect entry is made, press  momentarily to erase the last character. If you press  more than a second, all characters on the display will be erased.
- To exit the Alpha Mode, press .

Note: You must enter the phone number first, then add the name. Entering a number after the name will erase its name.

To Recall a Number from Memory

You may recall the numbers stored in memory by the following four methods.

- Sort Scroll Mode
- Key Word Search Mode
- Repertory Memory Search Mode
- Call History Mode

Sort Scroll Mode

This mode sorts and displays telephone numbers which have been stored with “Alpha Tags” (Names) in alphabetical order.

Note: When the Alpha Tag is more than 13 characters long, only the Alpha Tag is displayed without the telephone number. However, a call can still be made by simply pressing .

Example: To display the numbers stored in the memory alphabetically from J.

1. Press repeatedly until you have the following message.

Alpha Scroll
character=A#
◀rc1 srch▶
2. Press (J)

Alpha Scroll
character=J#
◀rc1 srch▶
3. Press

JACK
1111111111
◀tel# edit▶
4. Press

KEN
2222222222
◀tel# edit▶
5. Press

LUCAS
4444444444
◀tel# edit▶
6. Press

KEN
2222222222
◀tel# edit▶

• Key Word Search Mode

This mode searches and displays telephone numbers which have been stored with “Alpha Tags” (Names) in alphabetical order.

Example: To search the character string AN stored in the repertory memory.

1. Press repeatedly until you have the following message.

Key Word?

◀rc1 srch▶
2. Press (A) (N)

Key Word?
AN#
◀rc1 srch▶
3. Press

Albany
7777777777
◀tel# edit▶
4. Press

LOUISIANA
8888888888
◀tel# edit▶
5. Press

San Francisco
◀tel# edit▶
6. Press

Albany
7777777777
◀tel# edit▶
7. Press

San Francisco
◀tel# edit▶

- Notes:**
1. The key word can be searched regardless of upper or lower case letters.
 2. When the Alpha Tag is 2 lines long, only the Alpha Tag is displayed without the telephone number. How-

ever, a call can be made by simply pressing **SEND**.

- **Repertory Memory Search Mode**

This mode is useful in finding a certain phone number by scrolling the repertory memory.

1. Press  repeatedly until you have the following message.

2. Enter the Memory Address. 

3. Press  or .

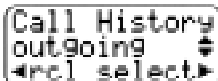
 : Previous Address

 : Next Address

Note: In this scroll feature, any vacant memory address(es) will be skipped.

- **Call History Mode**

This mode recalls originating Call History and incoming Caller ID numbers. This feature is convenient for redialing recently called numbers or for returning missed calls by using the stored Caller ID.

1. Press  repeatedly until you have the following display. 

2. To check the outgoing call history, press . To check the incoming call history press  and press .

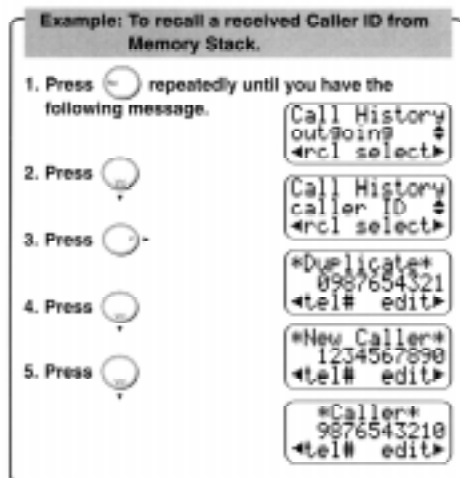
The following message will be displayed. 

3. Press  or .

 : Previous Address

 : Next Address

After a number is displayed, it can be easily dialed, without entering any digits, by simply pressing **SEND**.



- Note:**
1. A Caller ID which has not been viewed is displayed as “*New Caller*”.
 2. If the phone receives one of the numbers already stored in Memory Stack, the received Caller ID will be moved to the top of the memory, and displayed as “*Duplicate*”.

Mode Recall

This feature recalls any of the four most recently used memory search modes when is pressed. But while a call is in progress, **Repertory Memory Search Mode** will always be recalled first.

To Review Long Numbers

This feature allows you to review all the digits of very long numbers or numbers stored with Alpha Tags.

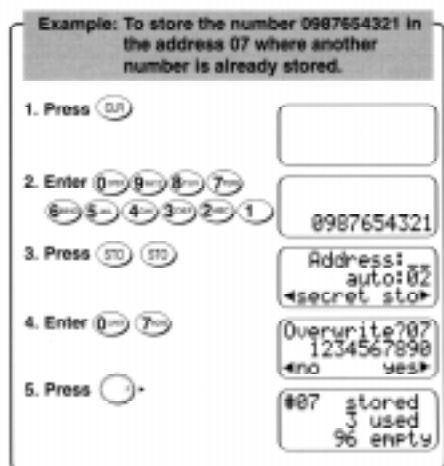
1. Use any of the previously described memory search modes to recall a number.
2. Press after recalling the number, and the entire digits of the numbers will be displayed.

Memory Edit

This feature modifies or erases the numbers stored in the repertory memory.

• Overwrite

You can write a new number over the number already stored in the repertory memory.



• Modify

This feature allows you to append digits to a number which is already stored in the repertory memory.

Example: To add 123 to the number 0987654321 stored in the memory address 07, and store it in the address 08.

1. Recall the number stored in the memory address 07.
2. Press .
3. Press .
4. Enter   .
5. Press  .
6. Enter  .



The keypad interface shows the following sequence of screens:

- Screen 1: 0987654321, <tel# edit>
- Screen 2: >:Modify, :Erase
- Screen 3: Modify, 0987654321
- Screen 4: Modify, 987654321123
- Screen 5: Address:, auto:07, <secret sto>
- Screen 6: #08 stored, 4 used, 95 empty

- Erase

This feature erases the number already stored in the repertory memory.

Example: To erase the number 0987654321123 stored in the memory address 08.

1. Recall the number stored in the memory address 08.
2. Press .
3. Press  .
4. Press .



The keypad interface shows the following sequence of screens:

- Screen 1: 987654321123, <tel# edit>
- Screen 2: >:Modify, :Erase
- Screen 3: Erase #08, 987654321123, <no yes>
- Screen 4: Number Erased

Secret Memory

To Store a Secret Number

This feature permits you to store a phone number that you want to keep secret in your phonebook. The secret number can be accessed only by entering the security code.

Example: To store the phone number 1234567890 in address 30 as a secret number.

1. Press **CLR**
2. Enter **1** **2** **3** **4** **5** **6** **7** **8** **9** **0**
3. Press **STO** **STO**
4. Press **•**
5. Press **•**
6. Enter **3** **0**

1234567890

Address: **---**
auto:02
◀secret sto▶

Set Secret?
◀no yes▶

Address: **---**
auto:02
◀secret sto▶

#30 stored
4 used
95 empty

To Recall a Secret Number

Example: To recall the number 1234567890 stored in the address 30.

1. Use Repertory Memory Search Mode to recall a secret number.
2. Press **•**
3. Enter the three-digit security code.

SECRET
code▶

Security Code: **---**

1234567890
◀tel# edit▶

End to End Signaling

To utilize certain phone services, such as accessing an alternate long distance network, signaling a pager or banking by phone etc., Touch Tone™ signaling is required. The following features will make it easy to send frequently used Touch Tone™ signals.

Touch Tone™ from Display

Numbers entered during a call will be sent in Touch Tone™ signals. The numbers can be sent again by the following operation during the call.

1. Enter the number. (It will be sent in TouchTone™ signals.)



2. Press .



1. Press  . The number in the display will be sent in Touch Tone™ signals.

Touch Tone™ from Memory

Touch Tone™ signals can be sent from memory during a call.

1. Press , and recall the number you want to send in Touch Tone™ signals.



2. Press . The number in the display will be sent in Touch Tone™ signals.

Note: Continuous TouchTone™ can be manually sent from keypad at any time during a call.

Link Dialing

This feature permits you to link groups of numbers to be sent in sequence. The linked numbers can be stored in memory. When dialed, the first group of numbers will be sent in digital signaling, and the rest of the numbers will be sent in Touch Tone™ group by group each time you press .

Notes:

1. The maximum length of each linked number group is 32 digits including Link Mark “=”.
2. The total length of all the linked numbers can be up to 80 digits.
3. If the total length of all the linked numbers is more than 32 digits, only memory locations 91 ~ 99 can be used.

• To Link Numbers/Store Linked Numbers in Memory

Linked Numbers can be stored using any of the procedures described under memory operations (at a specific address, with a Name Tag, at the next vacant memory location or as secret). The only difference is, that a Link Mark “=” must be

entered between the linked numbers. The linked mark is entered using the key sequence



The example below shows how to store a Linked Number at a specific memory address.

1. Enter the first number

2. Press  . A link mark “=” will be added at the end of the number.

3. Enter the second number. If you wish to link additional number(s), return to 2.
4. Press **STO**, **STO**, then enter the memory address (01 ~ 99).

Example: To link 3 numbers and store in Address 35.

1. Enter 7 4 6 3	7463479
2. Press Link Mark	Link Mark
3. Press Hyphen	1L 7463479=
4. Enter 1 2 3	2L 123
5. Press Link Mark	Link Mark
6. Press Hyphen	2L 123=
7. Enter 1 2 3 4 5 6 7 8 9 0	3L 1234567890
8. Press STO STO 3 5	#35 stored 5 used 94 empty

Note: While entering a linked number, you may review all the parts of that number, even those already entered. Press

F, **Vol**, **Vol**, **F**, to Tel#Review. The linked numbers you have just entered will be displayed one by one each time you press **F**.

• To Place Calls using Linked Numbers

1. Press **Rcl**, and select the linked number you want to call.
2. Press **SEND**. **IN USE** will light as the first number is dialed.
3. Press **SEND**. The second linked number will be sent in TouchTone™ signals. Succeeding numbers can be sent sequentially by **SEND** again.

Voice Mail Dialing

You can store one set of linked numbers in a specially provided memory, and access these numbers with one touch of the

“Voice Mail Access” key .

• **To Store the Voice Mail Access Number**

Please see “**To Store Linked Numbers in Memory**” and follow the steps 1 ~ 3 to make a set of linked numbers. Press

   to store. Up to 80 digits of linked numbers can be stored including link mark “=”. You can also add a Name Tag (up to 24 characters) with your voice mail number.

• **To Call Your Voice Mail**

1. Press and hold . The first number will be displayed and dialed.
2. Press . The second number will be displayed and sent in Touch Tone™ signal.
3. The succeeding numbers can be sent sequentially by pressing .

• **To Review the Contents of**

1. Press  one or more times to select the **Repertory Memory Search Mode**.
2. Press  and then . The first linked number in  will be displayed.
3. Press  (one or more times) to display the remaining linked numbers in .

Convenience Features

Speed Dialing

If you know the phonebook address of the telephone number that you want to call, you may place a call without using



1. Enter the one or two digits of your phonebook address (1-9 or 10-99).
2. Press . The phone number will be displayed. “**IN USE**” will light, and the call will be placed.

Alert Pattern Selection

This feature permits you to select an alert tone pattern from four options.

1. Press   . 
2. Press  or  to select the alert tone.
3. Press  to set.

Automatic Answering

With this feature on, incoming calls will be automatically answered after a preset duration of alert tones. This feature may be convenient when your telephone is installed in the handsfree car kit.

1. Press   . 
2. Press  or  to select the numbers of alert tones before the incoming call is answered. You can also turn this feature off.
3. Press  to set.

Note: This feature will not function if the phone is in “**Phone Lock**”, or “**Keypad Lock**” mode.

Automatic Retry

With this feature on, your telephone will automatically make up to seven call attempts when the first try is not successful.

The “**IN USE**” indicator will stay on, and the speaker will be muted. Press  to cancel the Automatic Retry.

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

Power On Message

This feature allows you to create a message which will be displayed every time your phone is turned on (your name, greeting etc.). A maximum of 36 characters can be stored as a message.

1. Press   . 
2. Enter the three-digit security code. 
3. Enter your message. (See the Alpha Mode)
4. When the message entry is complete, press .

Call Restriction

This feature permits you to impose various kinds of restrictions on outgoing calls. Emergency numbers can be placed even when this feature is on.

To Set Call Restriction Mode

1. Press   .

Security
Code: ---

2. Enter the three-digit security code.

Restriction
loff
set

3. You can change the current Restriction mode by  or .

The available Restriction modes are as follows:

- **11 Digits Mode**

Only phone numbers of 11 digits or less are accepted. Operator assisted dialing is prohibited.

Restriction
11digits
set

- **7 Digits Mode**

Only phone numbers of 7 digits or less are accepted. Operator assisted dialing is prohibited.

Restriction
operator
set

- **Operator Mode**

Operator assisted dialing (0 Origination Call) is prohibited.

Restriction
operator
set

- **Recall 1-9 Mode**

Only outgoing call to the numbers stored in the phonebook address range 01-09 can be made.

Restriction
recall 1-9
set

- **Off Mode**

No restriction.

Restriction
off
set

4. After selecting the desired Restriction Mode, press  to set.

Call Timers

To help you manage your calls, your phone is equipped with several Call Timers and Timer Beep Tones.

Last Call Timer

1. Press   . The talk time of the last call will be displayed.

Last
Call Time
12min.34sec

Outgoing Call Timer

1. Press   . The cumulative talk time of all outgoing calls will be displayed.

Outgoing
Call Time
12min.

Total Call Timer

1. Press   . The cumulative talk time of all incoming and outgoing calls will be displayed.

Total
Call Time
18min.

Call Timer Reset

This resets all the Call Timers.

1. Press   . 
2. Enter the three-digit security code. 
3. Press  to reset the call timers.

Automatic Talk Timer

This feature automatically displays the talk time of the current call.

Example: 

One Minute Beep Tone

With this feature on, you will be notified during a call, once every minute by a short tone. In addition two beep tones will sound every 5 minutes.

To Turn On/Off One Minute Beep Tone Feature

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

Emergency Call

This feature permits you to place an emergency call even if your telephone is in “**Phone Locked**”, “**Keypad Locked**” or “**Restricted**” mode. (The emergency number **911** is already preprogrammed.)

Programmable Emergency Call

You can program your own emergency numbers. Up to 3 numbers of maximum 32 digits can be stored. The stored emergency numbers can be dialed even when the phone is locked or outgoing calls are restricted. 911 is preset for emergency number location 1. (This can be changed if necessary.)

- **To Program/Change Emergency Numbers**

1. Press   . 
2. Enter the three-digit security code. 
3. Press  or  to select the emergency number memory location (1, 2 or 3) that you want to change or program, and press .
4. Enter the new emergency number and press .

Note: The emergency number in memory location 1 will be dialed when the OneTouch Emergency feature is used.

- **To Place an Emergency Call in “Phone Locked” or Keypad Locked” Mode**

1. Enter the emergency number you wish to dial. (This must be one of the three preprogrammed emergency numbers.) The number will not be displayed, but **LOCK** or “Keypad Lock” will be displayed.
2. Press . **IN USE** will light, and the call will be placed.
3. To terminate the call, press . **IN USE** will go off.

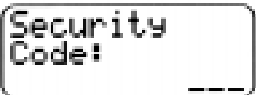
OneTouch Emergency Call

This feature permits you to dial an emergency number by a single keystroke, even in the “**Phone Locked**” or “**Restricted**” mode. This feature can be turned off to prevent unintentional calls.

- **To Place an Emergency Call in “Phone Locked” or “Keypad Locked” Mode**

1. Press and hold  for more than 2 seconds. The number in emergency memory location “1” will be dialed. Then the “**IN USE**” indicator will light, and the call will be placed. (The factory preset number is 911.)

- **To Turn On/Off OneTouch Emergency Call Feature**

1. Press   . 
2. Enter the three-digit security code. 
3. You can turn this feature on/off by  or .
4. Press  to set.

Note: If keypad Lock is on, the OneTouch Emergency feature will not operate. The emergency number must be dialed.

MESSAGING FEATURES

Your CDM-3000/CDM-3000XL Audiovox Cellular Telephone has been engineered to operate with the latest technology that will allow you to enjoy the benefit of three new exciting features. Please note that operation of these features depends on the Cellular System and therefore may not be available in all areas.

Caller ID

This feature allows you to preview in your display the number and name of the party calling you before you answer the call.

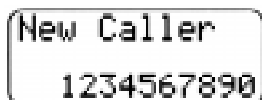
1. If your phone is on but not in a conversation, Caller ID operates as follows.

When the phone rings, the Calling Number appears in the display.



Incoming Call
1234567890

2. If your phone is in use and another call is directed to your phone, a short beep tone alerts you of the new call and the new Calling Number appears in the display as illustrated below. Upon viewing the new Calling Number, you may choose whether or not to answer the call. If you choose to answer the call simply press the **SEND**.



New Caller
1234567890

3. The Calling Number which was just received is stored in the Memory Stack. The number stored can be recalled using the **Call History Mode**, and if desired, can be easily called by **SEND**.

Unavailable or Restricted Number

In addition to the incoming Caller ID numbers, two additional indications are possible.

When the display indicates "**Restricted**" the calling number is Restricted by the calling party who does not want the

number to be displayed.



Number
Restricted

A display of "**Unavailable**" indicates that the number is Unavailable for display.

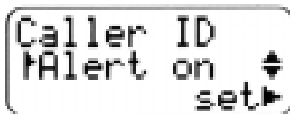


Number
Unavailable

Note: When "**Unavailable**" or "**Restricted**" calls are received, this information is not stored in the Memory Stack in order to conserve valuable memory space.

Caller ID Alert

This feature audibly alerts you when a Caller ID is received. To set this alert:

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

Text Messages (Short Message Service)

Your phone is able to receive and display Text Messages of up to 255 characters long. When an SMS message is received, the following occurs.

1. A short beep tone sounds.

2. The  indicator at the upper right of the display flashes to alert you.



3. The Text Message just received is stored in the Memory Stack. To review stored messages, refer to **Reviewing the Memory Stack**.
4. If the Memory Stack is full, any new Text Messages will not be stored, and you will have the following display:



Text Message Alert

This feature audibly alerts you when a Text Message is received.

1. Press   . The display shows "Text Message Alert on" with a right arrow and a double-headed vertical arrow.
2. You can turn this feature on/off by  or .
3. Press  to set.

Voice Mail Notification

Your cellular telephone notifies you when new messages are in your Voice Mail. When messages are left in your Voice Mail, the  indicator at the upper right of the display flashes to alert you.

• Normal Voice Mail Notification

When your phone is notified by the cellular system that there are messages in your Voice Mail, the following occurs.

1. The phone sounds a short beep tone.
2. The  at the upper right of the display flashes to alert you.
3. The Memory Stack is updated as to the number of unreviewed messages in your Voice Mail.



• Voice Mail Notification with Mail Retrieval Service (MRS)

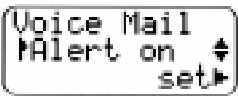
1. The phone sounds a short beep tone.
2. If you choose to answer the incoming call, your phone will be connected to your Voice Message Service so that you may retrieve your messages.
3. If you choose not to answer the incoming call, "Message Retrieval" will be stored in the stack for retrieval of your messages at a later time.



Voice Mail Alert

This feature audibly alerts you when a Voice Mail Notification is received. A Voice Mail Notification is received if your

Voice Mail contains messages that have not been reviewed.

1. Press     to set.
2. You can turn this feature on/off by  or .
3. Press  to set.

Reviewing the Memory Stack

- **Memory Stack**

The memory stack stores the following information.

- a) The Voice Mail number which indicates the number of unreviewed messages in you Voice Mail.
- b) Text Messages sent to your phone. (A maximum of 30 Text Messages can be stored.)

- **Memory Stack Alert**

Two indicators  and  are used to alert you of information in the stack as explained below.

When a new Voice Mail number is stored, the  will flash. When a new Text Messages is stored, the  indicator will flash. When the Voice Mail number or all the Text Messages have been reviewed, the  or  indicator lights solid. When the Voice Mail number of all the Text Messages is cleared, the  or  indicator turns off.

Flashing 	Your phone has been notified that you have a new Voice Mail. A "Voice Mail Number" is stored in the memory stack.
Steady 	A "Voice Mail Number" is stored in the memory stack, but you have already seen it.
Off 	You have cleared the "Voice Mail Number" or your phone has been notified by the system that you have no new Voice Mail.

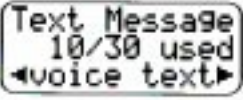
Flashing 	You have new Text Messages.
Steady 	Text Messages which you have reviewed are stored in the memory stack.
Off 	No Text Messages.

In addition to the **V**, whenever your Voice mail contains unreviewed messages, you will occasionally hear a short beep as a reminder.

• **Memory Stack Retrieval**

To retrieve information from the Memory Stack:

a) To display the Voice Mail Number

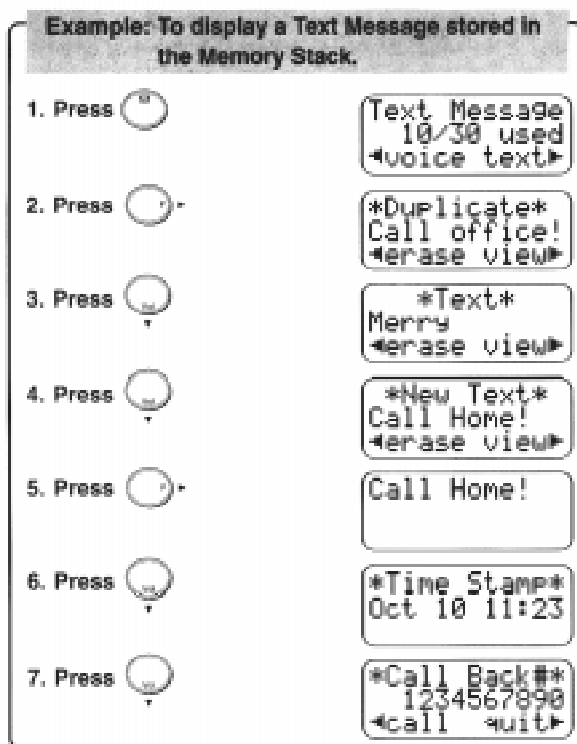
1. Press .
• Text messages stored (10)/30 messages maximum capacity.
• Key Sequence Options
⇒ 
2. Press  to select voice. The number of messages in your Voice Mail will be displayed.



3. If a Text Message is attached to the Voice Mail Notification, the Text Message can be reviewed by  or  after pressing .

Note: This feature is only available with MRS service and is Service Provider dependent.

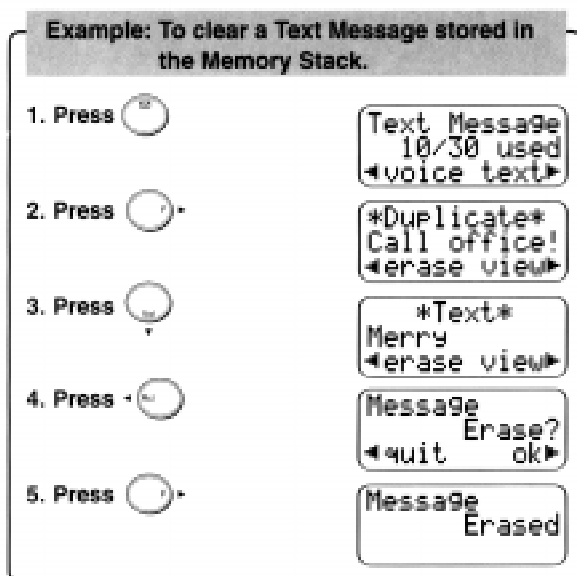
b) To Display a Text Message



- Notes:**
1. A Text Message which has not been viewed is displayed as “***New Text***”.
 2. If the phone receives the same Text Message already stored in Memory Stack, the received Text Message will move to the top of the memory, and be displayed as “***Duplicate***”.
 3. If the received Text Message contains a Call Back Number, you can dial it simply by  or .

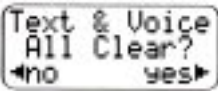
Message Clear

This function allows you to clear the Voice Mail number. This function can also be used to clear, one at a time, Text Messages stored in Memory when they are no longer needed.



Text Message & Voice Mail All Clear

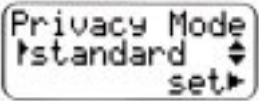
This feature clears all Text Messages and the Voice Mail number.

- Press   . 
- Enter the three-digit security code. 
- Press  to clear the message.

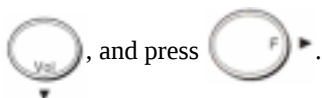
Enhanced Voice Privacy Service (Digital Mode Only)

This feature requests the cellular system to provide the enhanced voice privacy service. This service can only be provided in the Digital Mode, and its availability depends on the cellular system and your service provider.

To Set Enhanced Voice Privacy Mode:

- Press   . 
- To request the cellular system to provide the enhanced voice privacy service, select “**ENHANCED**” with  or , and press .
- When the phone is operating in the Enhanced Privacy Mode, “**VP**” appears in the upper line of the display during talking.

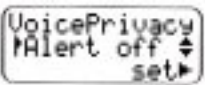
4. To request the cellular system not to use the enhanced voice privacy service, select “STANDARD” with  or



- Notes:**
1. This feature must be activated before the call is initiated.
 2. Even if the standard mode is selected the cellular system may direct the phone to use the Enhanced Voice Privacy Mode.

Voice Privacy Alert

This feature audibly alerts you when the voice privacy service is provided, and also when the service is canceled. To activate:

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

Anti Fraud Security Features

Your new Audiovox Cellular telephone has been engineered with the latest technology to help protect from the fraudulent use of your cellular telephone number. Your phone is equipped with Authentication and PIN (Personal Identification Number) Dialing. (Availability of these features depends on your Service Provider). Should your Service Provider require use of a PIN, your PIN can be sent manually or programmed into the phone for more convenient use.

To Place a Call with the Manual PIN Entry

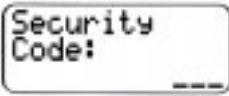
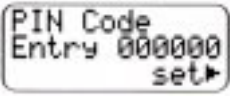
1. Enter the number you are calling, or recall the number from a specific memory location.
2. Press . Your call will be processed. Listen for a double beep, which will prompt you to send your PIN.
3. Enter your PIN number, and press . Your call will then be placed.

To Place a Call with the Automatic PIN Feature

1. Enter the number you are calling, or recall the number from a specific memory location.
2. Press  key. As your call is being processed, you will have the following display: 
3. Press  key again. Your call will then be placed.

Note: Before you can use this feature, you must program your PIN and turn the Automatic PIN feature on. (See procedures below.)

To Program or Change your Automatic PIN

1. Press   . 
2. Enter the three-digit security code. 

3. Enter your new PIN Code. Press  to program.

To Turn the Automatic PIN Feature On/Off

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

To Place a Call to Voice Mail using the Automatic PIN Feature

1. Press  for more than 0.5 seconds. As your call is being processed, you will have the following display: 
2. Press  again, your call will then be placed.
3. Press  again. The second number is stored in  will be sent in Touch Tone™ signals. The subsequent numbers, if any, can be sent sequentially by pressing .

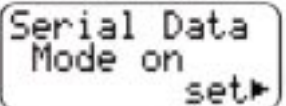
Serial Data Mode

This feature permits you to connect an interface device (option) to the handset. This will allow a laptop computer or fax machine to be connected for data transmission as well as provide the capability of connecting “phone line” based equipment (answering machine, TDD devices for the hearing impaired, etc.) to the handset.

Notes: 1. Use of this feature requires appropriate interface cable and modem. Check for availability with your dealer.

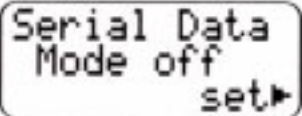
2. Data transmission by this feature will function only when the phone is operating in Analog Mode.

To Set Serial Data Mode

1. Press   . 
2. Press  to set.

Note: When this feature is On, “Serial Data” is displayed.

To Cancel Serial Data Mode

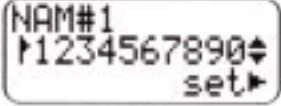
1. Press   . 
2. Press  to set.

System Selection Features

Multiple NAMs and NAM Selection

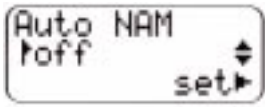
Some cellular users may find it beneficial to register their phones with multiple numbers, for different cities where they may frequently travel. To provide this ability, your phone has two NAMs (Number Assignment Modules) enabling up to four registrations.

If you have multiple registrations, the NAM Selection feature enables you to change the NAM being used by your phone. Do not use this feature, if you do not have multiple registrations. To change NAMs:

1. Press   . 
2. You can change the current NAM by  or .
3. Press  to set.

Automatic NAM

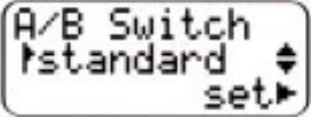
If you have multiple NAM registrations, your phone will recognize NAMs for which you are registered. The phone will then automatically switch to the proper NAM for the area in which you are in.

1. Press   . 
2. You can turn this feature on/off by  or .
3. Press  to set.

A/B System Selection

This feature permits you to select which cellular system (A or B) your phone uses. When you turn the phone on, it remembers the last A/B setting and will scan the radio channels based on that setting. Leave this setting as it has been preprogrammed unless you have a reason to alter the system selection.

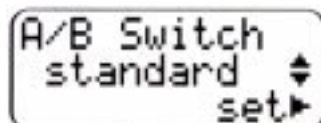
To alter the system selection:

1. Press   . The current mode will be displayed. 
2. You can change the current mode by  or .
3. Press  to set.

- **Standard Mode**

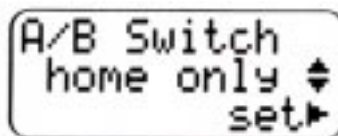
The phone will scan the preferred system channels. If unable to find an acceptable preferred channel, the phone switches

to scan the non-preferred channels.



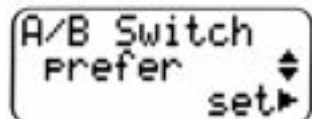
- **Home Only Mode**

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

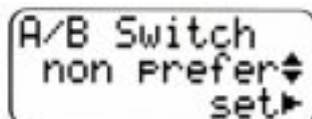


- Preferred System Only

The phone will scan the preferred system only and prevents switching over to the non-preferred system.



- Non-preferred System Only Mode



The phone will scan the non-preferred system only.

SID Management (Analog Mode Only)

Cellular systems are identified by a number called System Identifier or SID. This feature, which can be programmed by your carrier or dealer enables you to take advantage of the families of cellular systems (SIDs) that your Carrier owns, or has special billing arrangements with, in different cities. In Cellular areas which are very closely associated with your carrier (called brother/sister SIDs) your phone may be billed at the same rate as your "Home" system and your phone's

display will appear the same as when operating in the Home system (i.e. both **NO SVC** and **ROAM** are off in your

display). In areas (called cousin SIDs) where your Carrier has Roaming agreements, your phone will display a steady

ROAM indication. If your display indicates a flashing **ROAM**, you are in a cellular system which is not associated with

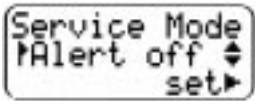
your Carrier (you can still make or receive calls). If your display indicates a flashing **NO SVC**, you may have to change

you're A/B System Selection or NAM selection in order to obtain service. If your display indicates a steady **NO SVC**,

you are in an area where there is no cellular service.

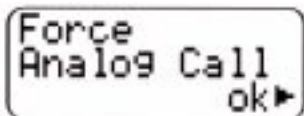
Service Mode Alert

With this feature on, an audible tone alerts you when the service mode changes from Digital to Analog, or vice versa.

1. Press . 
2. You can turn this feature on/off by or .
3. Press to set.

Force Analog Call

This feature temporarily directs the phone to use the Analog Mode even if the Digital Mode has been previously selected.

1. Press . 

2. Press  when scanning the Analog Mode.

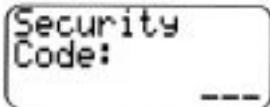
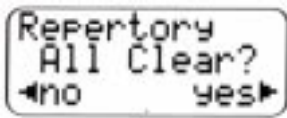
Notes: This feature ends if the following is performed while scanning the analog mode:

- 1) The phone is turned off.
- 2) An outgoing call is made.
- 3) An incoming call is received.
- 4) The NAM is changed with the NAM selection feature.
- 5) The phone is reset by Function Reset feature.
- 6) After 10 minutes if items 1) ~ 5) did not occur.

Function/Memory Reset

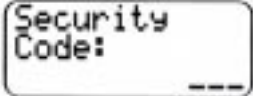
Repertory Memory All Clear

This feature clears all of repertory memory locations (01 to 99) and the voice mail dialing memory  INSERT. To clear:

1. Press   . 
2. Enter the three-digit security code. 
3. Press  to clear the memory.

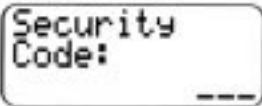
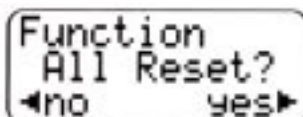
Call History All Clear

This feature clears all call history for outgoing and incoming calls including Caller ID. To clear:

1. Press   . 
2. Enter the three-digit security code. 
3. Press  to clear the history.

Function Reset

This feature permits you to reset the User-Programmable functions to their initial settings. To reset:

1. Press   . 
2. Enter the three-digit security code. 

3. Press  to reset.
4. The following functions will be reset to the initial settings shown below.

- Affects handsfree operation only. Refer to Handsfree Car Kit (HF-3000) manual.

Software Version Review

This feature permits you to review the software version which is installed in your phone.

1. Press   .
2. Press any key. The software version display will go off.

Functions		Initial Setting
Automatic Lock		OFF
Backlight Control	Portable Use	10 Seconds
	With Car Kit	Always On
Clock Indicator		ON
Alert Pattern Selection		Pattern #1
Single Alert Beep Tone		OFF
One Minute Beep Tone		OFF
Service Mode Alert		OFF
Voice Privacy Alert		OFF
Voice Mail Alert		ON
Text Message Alert		ON
Caller ID Alert		ON
Low Battery Alarm		ON
Automatic Answering		OFF
Key Tone Length		Normal
Voice Privacy Service		Standard
Automatic PIN Mode		OFF
Automatic Retry		OFF
*Call in Absence Indicator		OFF
*Auto Data Transmission		OFF
A/B System Selection		Standard
NAM Selection		NAM #1
Automatic NAM		OFF
Force Analog Call		OFF (Mode cancelled)
Call Restriction		OFF
One Touch Emergency Call		ON
*Safety Timer		8 hours
Key Tone Volume Control		3
Alert Tone Volume Control		3
Earpiece Volume Control		3

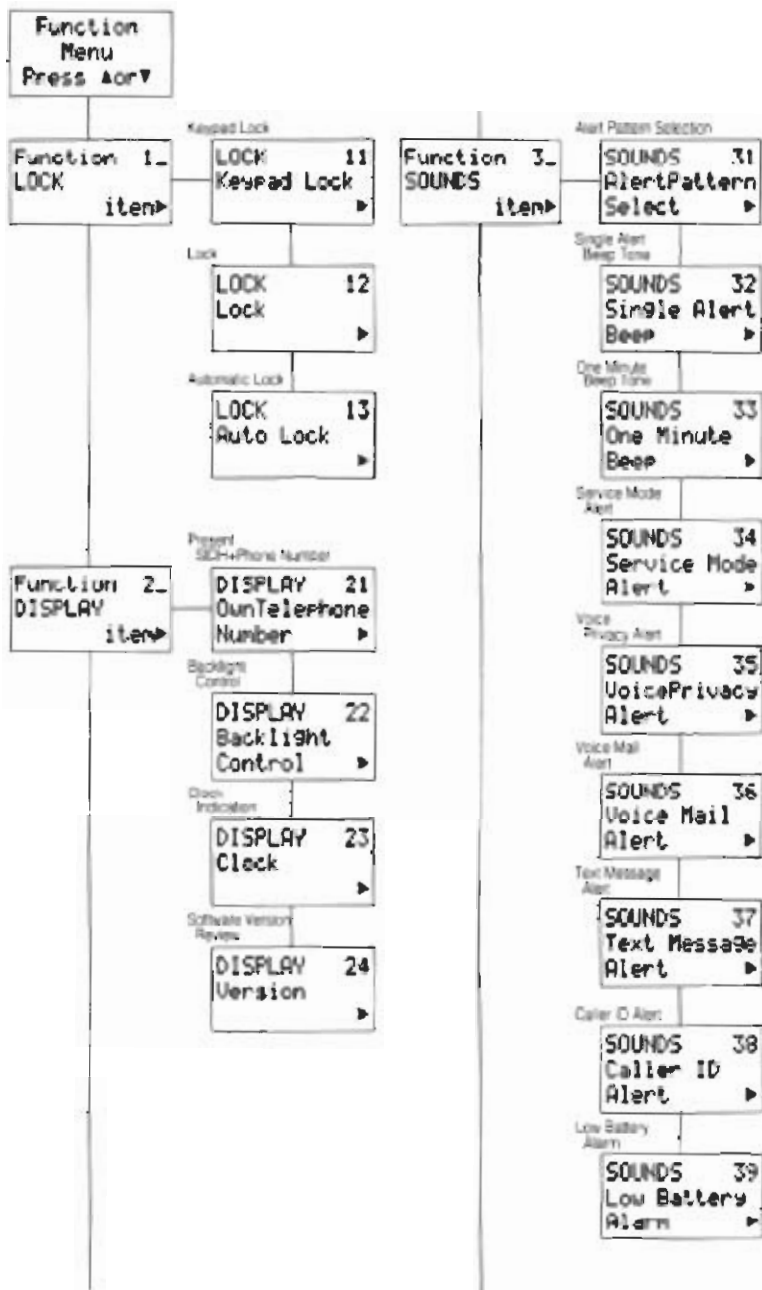
Function Menu (for Multi-Function Key)

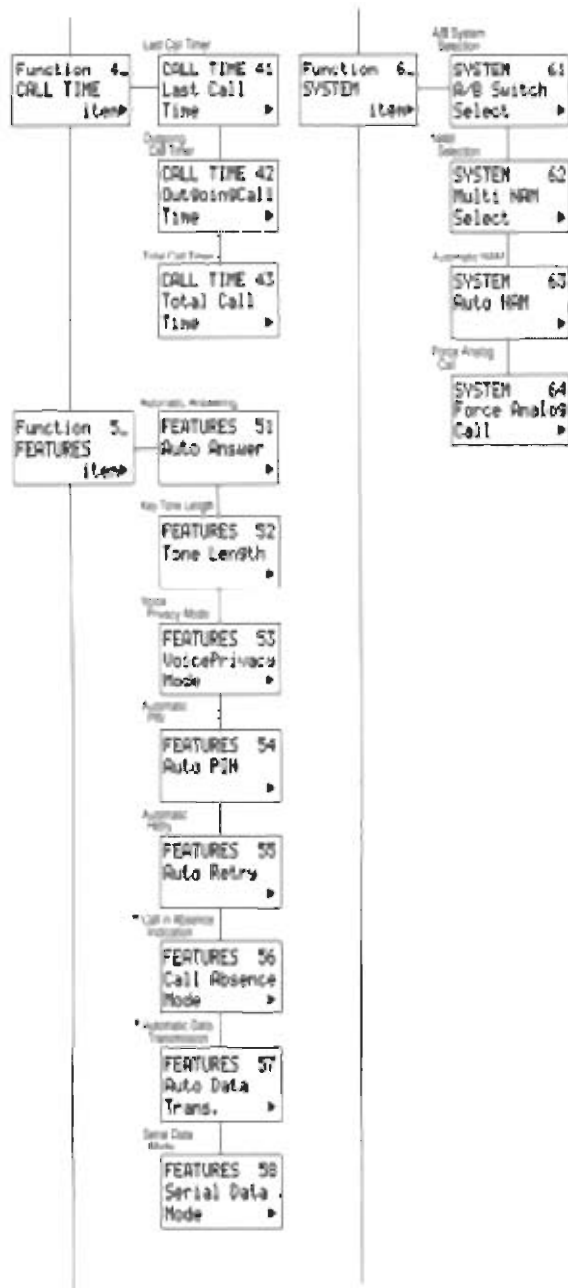
This function allows following operations with the Multi Function Key only.

- 1) To review the key sequence.
- 2) To set or change the function status.

3) To review the current function status.

Press  . Scroll the menu up or down by  or  .





- Affects Handsfree operation only
Refer to Handsfree Car Kit (HF-3000) manual.

