



**AUDIOVOX™**  
COMMUNICATIONS CORP.

555 Wireless Blvd., Hauppauge, NY 11788

PRINTED IN JAPAN 2-98

cdmaOne.

**DIGITAL**

**DUAL MODE  
HANDHELD  
PORTABLE  
CELLULAR  
TELEPHONE**

**OWNER'S OPERATING  
INSTRUCTIONS**

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# **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-3000/CDM-3000XL is packed with advanced features that provide you with the ultimate in convenience and performance such as a large 3 line 36 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 this user's operation manual. It will help you make the most efficient use of this valuable communications tool.

## **FEATURES**

### **HIGHLIGHTS**

- Superior Voice Quality
- Small Size/Light Weight
- User Friendly Multi-Function Key
- Easy Menu Operation
- Link Dialing
- OneTouch Voice Mail Dialing
- OneTouch Emergency Dialing
- Improved Talk and Standby Times
- Text Messaging (SMS)
- Calling Line Identification
- Any Key Answer
- Authentication/Anti-Fraud Protection
- Call Timers
- Enhanced Voice Privacy in Digital Mode
- Power On Message
- Clock in Digital Mode

### **DISPLAY**

- Large & Easy to Read Display
- 3 Line, 36 Digit Alphanumeric LCD
- Backlight Control for Display & Keypad
- User Friendly Icons
- Battery Indicator (Constant)
- Received Signal Strength Indicator (Constant)

### **MEMORY**

- 99 Memory Repertory Dialing 32/80 Digits
- 24 Alphanumeric Character Storage
- 10 Number CLI Memory
- Alpha/Name Scroll
- Secret Memory

### **CALL MANAGEMENT FEATURES**

- 4 NAMs
- SID Management (Analog Mode)
- One Minute Beep

### **RINGING & ALERTING**

- 4 Ringing Patterns
- Adjustable Ringing Volume
- Silent Alert
- Single Beep Alert
- Text Message Receipt Alert
- Voice Mail Alert
- Service Mode Change Alert
- Voice Privacy Alert
- Low Battery Alarm

# SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

**Read this information before using your  
Handheld portable Cellular Telephone.**

## EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- \*ANSI C95.1 (1992)
- \*NCRP Report 88(1986)
- \*ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

## ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

## PHONE OPERATION

**Normal Position:** Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

### \* The meanings of the acronyms are:

- ANSI : American National Standards Institute
- NCRP : National Council on Radiation Protection and Measurements
- ICNIRP: International Commission on Non-ionizing Radiation Protection

**Tips on Efficient Operation:** For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

## DRIVING

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving -- driving safely is your first responsibility:
- Use handsfree operation, if available:
- Pull off the road and park before making or answering a call if driving conditions so require.

## ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

### Pacemakers

The health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON:
- Should not carry the phone in a breast pocket:
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

### Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider [or call the customer service line to discuss alternatives.]

## Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

## Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

## Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

## AIRCRAFT

FCC regulations prohibit using your phone while in the air.

Switch OFF your phone before boarding an aircraft.

## BLASTING AREAS

To avoid interfering with blasting operations, turn your phone OFF when in a "Blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

## POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

## For vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

# PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating the equipment, read all instructions and cautionary markings on (1) Desk Top Charger and AC Adaptor (2) Battery and (3) Product using Battery.

1. DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
2. DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using the unit, lay down the unit to avoid possible damage due to instability.
3. DO NOT expose this equipment to rain or spilled beverages.
4. DO NOT use unauthorized accessories.
5. DO NOT disassemble the phone or its accessories; If service or repair is required, return the unit to an authorized Audiovox cellular service center. If the unit is disassembled, the risk of electric shock or fire may result.
6. To prevent injury or burns, DO NOT allow metal objects to contact or short circuit the battery terminals.
7. DO NOT open the battery case. If the battery is accidentally broken, avoid skin contact with the internal chemical contents. If there is skin contact, wash the affected area immediately and seek medical advice.
8. DO NOT put the battery close to, nor dispose it into fire.

9.



The product that you have purchased contains a rechargeable Battery. The Battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this Battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

## SYSTEM CONFIGURATION

System configuration and the equipment list are as shown below.



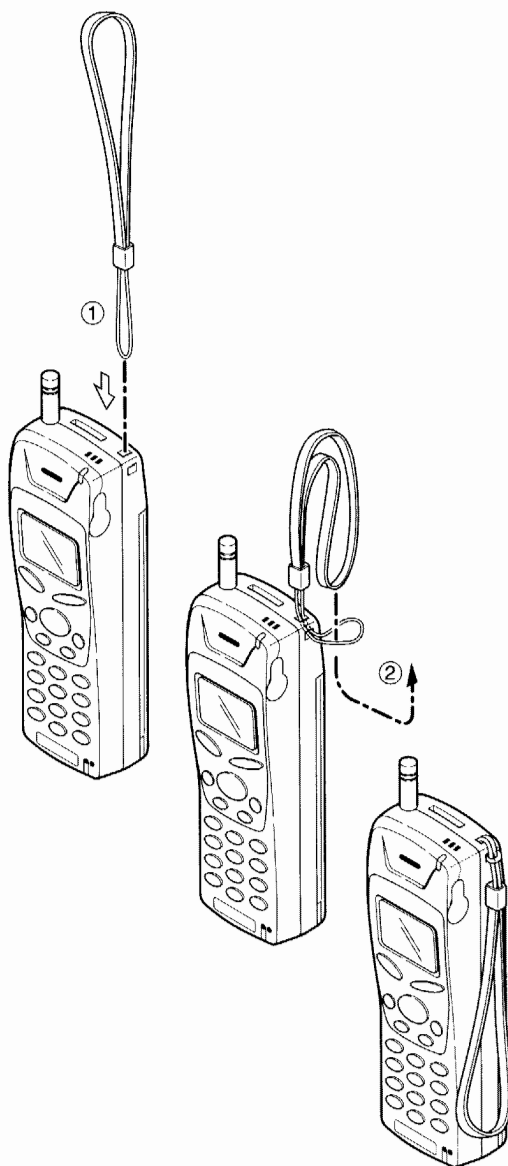
### List of Equipment

No.	Name of the Equipment
①	Handheld Portable Telephone
②	Battery Pack (BTE-3000)
③	Desk Top Battery Charger (DTC-3000)
④	AC Adaptor (CNR-800)
⑤	Wrist Strap (WS-700)

## WRIST STRAP ATTACHMENT

Attach the wrist strap to the phone through the strap hole as shown below ①.

Then put the long loop through the smaller loop as shown below ②.



## BATTERY INSTALLATION AND RECHARGING

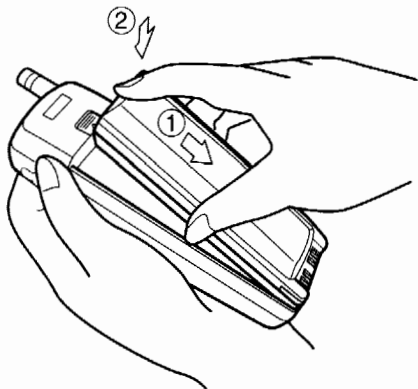
The Portable Telephone contains a Detachable Battery Pack (BTE-3000).

It is recommended that you carry one fully charged spare Battery Pack for longer operation.

(Additional Battery Packs may be purchased at your Cellular Telephone Dealer.)

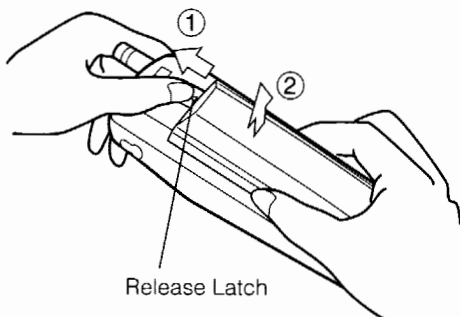
### To Attach the Battery Pack

- 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.

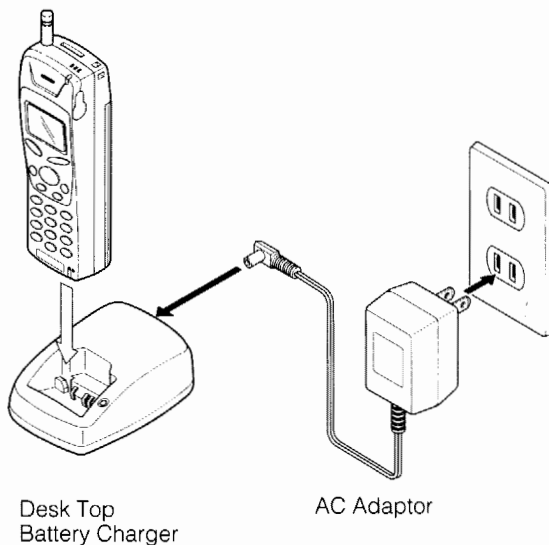
DC voltage is supplied by the separate AC Adaptor. It takes approximately 2.5 hours for full charge.

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 ~ +35°C.

2. We recommend you to turn off the power of the telephone to secure complete recharging of the battery.

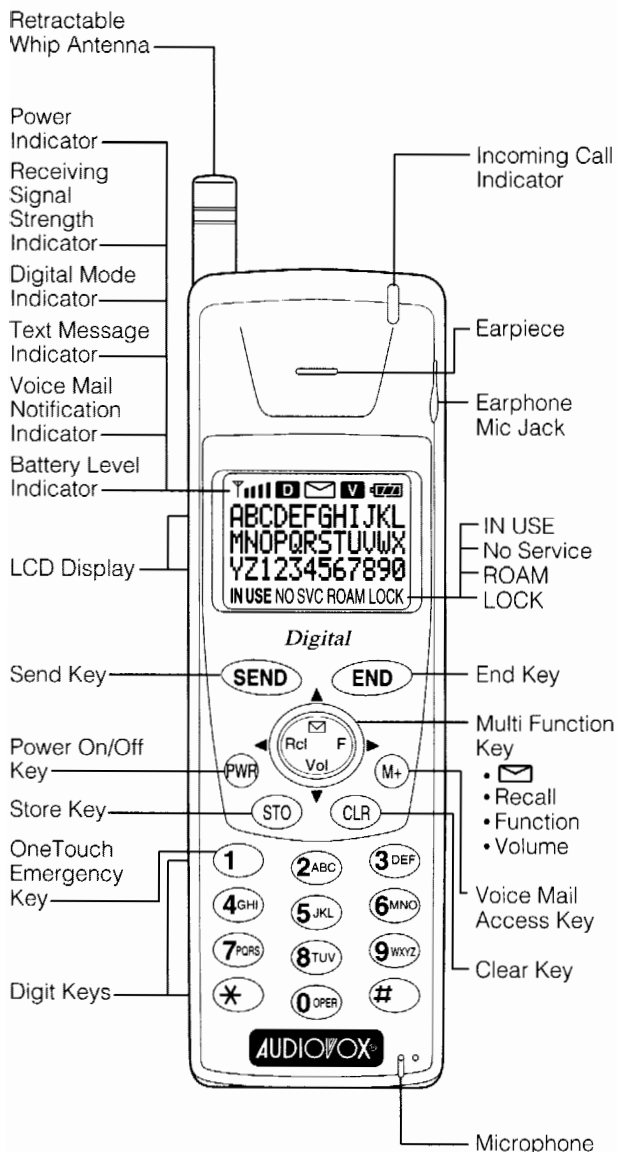
3. The Battery Charger and the Battery Pack will get warm during the charging cycle. This is normal.





# 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  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.
ABCDEF GHIJKL MNOPQRSTUWXY YZ1234567890	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 **PWR** for about one second. All the indicators and digit display will light momentarily, and a tone will be heard. The indicator "T" will stay while the phone is turned on.

To turn the phone off, press **PWR** for about 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.

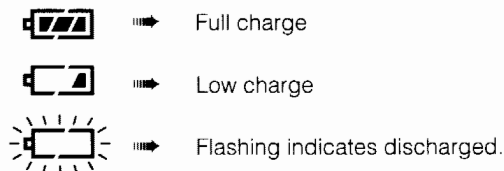
Note: The antenna can be used in its fully extended or fully retracted position only.

### Receiving Signal Strength Indicator (Tall)

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, the **NO SVC** indicator 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:



## BASIC OPERATION

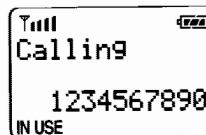
### Placing Calls

#### 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 **SEND**. The **IN USE** indicator will light.

#### 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.

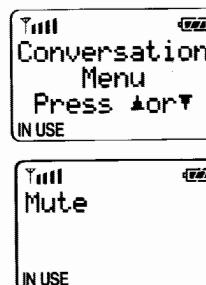
#### If the Call Fails to Go Through

- 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: To Mute a Phone Conversation

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



## 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 tone volume is set to "silent" mode (see **Key Tone Volume Control**), the Scratch-Pad Dialing can be performed without hearing the key tones.

## Terminating a Call

Press **END** and the **IN USE** indicator will go out.

## To Receive Calls

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 key pad.

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 unanswered, 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:

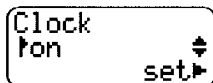
Called 02

Depressing any key (other than **PWR**) 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.

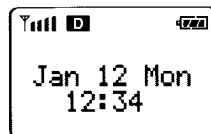
1. Press **F**, **2ABC**, **3DEF**.



2. You can turn this feature on/off by or .

3. Press **F** to set.

4. A time display example is as follows.



Notes: 1. During Digital Mode, **D** indicator lights.

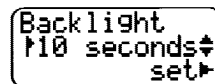
2. During Analog Mode, or while **NO SVC** is indicated, the time display is not available even if this feature is ON.

## 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 **F**, **2ABC**, **2ABC**.

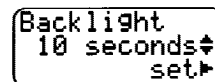


2. You can change the current mode by or .

3. Press **F** to set.

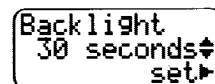
### • 10 seconds Mode

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.



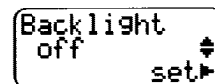
### • 30 seconds Mode

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.



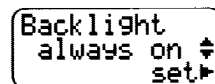
### • Off Mode

Backlight is on when the power is 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 .

(SIDH) 00020  
Tel No.  
1234567890

## Low Battery Alarm

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 .

Low Battery  
Alarm on  
set

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

## Volume and Tone Controls

### Earpiece Volume Control

1. Press . Press repeatedly until you have the following display.

Handset Vol  
---Key Vol

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.

Alert Vol  
---HS Vol

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 smallest volume.

## Single Alert Beep Tone

This feature is used to signal an incoming call with only a single beep. This feature can only be used with the "silent" alert mode (see Alert Tone Volume Control.)

To activate:

1. Press .

Single Alert  
Beep off  
set

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.

Key Vol  
Alert Vol

2. Keep pressing or until you get 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 that is heard when a key is pressed.

1. Press .

Tone Length  
normal  
set

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.

Tone Length  
normal  
set

### • Short Mode

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

Tone Length  
short  
set

## Lock Features

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

### Keypad Lock

This mode is useful 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.

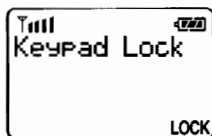
- 1) Incoming calls can be answered with **SEND**.
- 2) Programmed emergency numbers can be called. (Except for OneTouch Emergency Call.)

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

- 1) Automatic Answering
- 2) Any Key Answering
- 3) OneTouch Emergency Call
- 4) Turning off the phone by **PWR**.

To activate/deactivate this feature;

1. Press **[P] [1] [1]** to activate Keypad Lock mode.



2. Press **[P] [1] [1]** 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.

- 1) Incoming calls can be answered with **SEND**.
- 2) Any Key Answering
- 3) Programmed Emergency Call
- 4) OneTouch Emergency Call
- 5) Turning off the phone by **PWR**.

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

- 1) Automatic Answering

To activate;

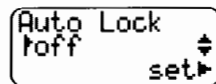
1. Press **[P] [1] [2ABC]**.
2. The **LOCK** indicator turns on.

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 (see **Phone Lock**) after it is turned off. When you turned the phone on, you must enter the three-digit unlock code before it operates. (See **To Unlock the Phone**.)

1. Press **[P] [1] [3DEF]**.



2. You can turn this feature on/off by **[ON]** or **[OFF]**.
3. Press **[P]** to set.

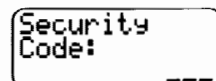
### To Unlock the Phone

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

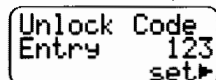
Note: The factory pre-programmed Unlock Code is 123.

### To Change the Unlock Code

1. Press **[P] [7 PQRS] [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 **[P]**.

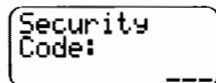


Note: Security Code is a three-digit code which you need in order to use several of your phone's advanced features (for example, Call Restriction, Changing the Emergency number etc).

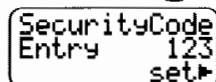
The factory pre-programmed Security Code is 123.

### To Change the Security Code

1. Press **[P] [7 PQRS] [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 **[P]**.



# ADVANCED OPERATION

## Repertory Memory Operations

Your phone is equipped with 99 memory locations for storing telephone numbers. Stored numbers can be recalled from memory and dialed by simply pressing **SEND**.

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 as those used for Voice Mail or Credit Card Calling can be linked together (see section on Link Dialing).

### 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).

**Example: To store the phone number 1234567890 in address 07.**

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

Address: auto:01  
secret stor

#07 stored  
1 used  
98 empty

## Adding Hyphens

This feature permits you to insert a hyphen mark between digits when entering 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 **CLR**
2. Enter **1** **2** **3**
3. Press **Link Mark** **Hyphen**
4. Press **Link Mark** **Hyphen**
5. Enter **4** **5** **6** **7** **8** **9** **0**
6. Press **Link Mark** **Hyphen**
7. Press **Link Mark** **Hyphen**
8. Enter **7** **8** **9** **0**

123-456-7890

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

## Automatic Storing into a Vacant Memory Address

This feature allows 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 can prevent the possible overwriting of a previously stored number.

1. Enter the phone number.
2. Press **STO** **STO** **Link Mark** **Hyphen**.

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

1. Press **CLR**

2. Enter **1** **2ABC** **3DEF** **4GHI**  
**5JKL** **6MNO** **7PQRS** **8TUV** **9WXYZ** **0OPER**

3. Press **STO** **STO**

4. Press **F**

1234567890

Address:  
auto:01  
secret stop

#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 1234567890 with the name Mr. JACKSON into memory address 11.**

1. Enter the phone number;

**1** **2ABC** **3DEF** **4GHI** **5JKL** **6MNO**  
**7PQRS** **8TUV** **9WXYZ** **0OPER**

1234567890

2. Set Alpha Mode; **STO**

**[M+]:X→x**

3. Enter the Name;

Mr. JACKSON  
**[M+]:X→x**

**6MNO** **M+** **7PQRS** **7PQRS** **7PQRS** **M+** **#** **2ABC**  
(M) (r) (.)

**5JKL** **2ABC** **F** **2ABC** **2ABC** **2ABC** **5JKL** **5JKL**  
(J) (A) (C) (K)

**7PQRS** **7PQRS** **7PQRS** **7PQRS** **6MNO** **6MNO** **6MNO** **F** **6MNO** **6MNO**  
(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 **3DEF** once. For the letter "F", press **3DEF** 3 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				

4. When the letter or number you want is shown on the display, press the appropriate key for the next letter.
5. When you press **M+** during entry of Alpha, you can change upper and lower case characters.
6. 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

<b>*</b>						<b>#</b>					
1	!	2	"	3	&	1	-	2	.	3	/
4	'	5	(	6	)	4	:	5	<	6	>
7	*	8	+	9	_	7	=	8	?	9	#

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

Note: You must enter the phone number first, then apply the name. Entering a number after applying 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.

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

- Press **Red** repeatedly until you have the following message.

Alpha Scroll  
character=A#  
◀rc1 srch▶

- Press **5JKL** (J)

Alpha Scroll  
character=J#  
◀rc1 srch▶

- Press **▶**

JACK  
1111111111  
◀tel# edit▶

- Press **▼**

KEN  
2222222222  
◀tel# edit▶

- Press **▼**

LUCAS  
4444444444  
◀tel# edit▶

- Press **▲**

KEN  
2222222222  
◀tel# edit▶

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 **SEND**.

### Key Word Search Mode

This mode searches and displays the character string of Alpha Tags stored in the repertory memory and the corresponding telephone numbers. Any part of the Alpha Tag can be used for the search.

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

- Press **Red** repeatedly until you have the following message.

Key Word?  
AN#  
◀rc1 srch▶

- Press **2ABC** (A) **6MNO** (N)

Key Word?  
AN#  
◀rc1 srch▶

- Press **▶**

Albany  
7777777777  
◀tel# edit▶

- Press **▼**

LOUISIANA  
8888888888  
◀tel# edit▶

- Press **▼**

San Francisco  
◀tel# edit▶

- Press **▼**

Albany  
7777777777  
◀tel# edit▶

- Press **▲**

San Francisco  
◀tel# edit▶

Notes: 1. The key word can be searched regardless of the upper and lower case letters.

2. When the Alpha Tag is more than 13 characters, only the Alpha Tag is displayed without the telephone number. However, 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.

- Press **Red** repeatedly until you have the following message.

Memory Address: \_\_  
◀rc1

- Enter the Memory Address.

- 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. (See **Caller ID** section.)

1. Press repeatedly until you have the following display.

```
Call History
outgoing
<rci select>
```

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

The following message will be displayed.

```
Call History
caller ID
<rci select>
```

3. Press or .
- : Previous Address  
 : Next Address

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

### Example: To recall a received Caller ID from Memory Stack.

1. Press repeatedly until you have the following message.

```
Call History
outgoing
<rci select>
```

2. Press .

```
Call History
caller ID
<rci select>
```

3. Press .

```
*Duplicate*
0987654321
<tel# edit>
```

4. Press .

```
*New Caller*
1234567890
<tel# edit>
```

5. Press .

```
*Caller*
9876543210
<tel# edit>
```

Notes: 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 number 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.

### Example: To store the number 0987654321 in the address 07 where another number is already stored.

1. Press .

2. Enter .

3. Press .

4. Enter .

5. Press .

```
0987654321
```

```
Address:
auto:02
<secret sto>
```

```
Overwrite?07
1234567890
<no yes>
```

```
#07 stored
3 used
96 empty
```

## • 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.

0987654321  
◀tel# edit▶

2. Press .

►:Modify  
:Erase

3. Press .

Modify  
0987654321

4. Enter   .

Modify  
0987654321123

5. Press  .

Address: 07  
auto: 02  
◀secret sto▶

6. Enter  .

#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.

0987654321123  
◀tel# edit▶

2. Press .

►:Modify  
:Erase

3. Press  .

Erase #08  
0987654321123  
◀no yes▶

4. Press .

Number  
Erased

## Secret Memory

### To Store a Secret Number



This feature permits you to store a phone number that you want to keep secret. 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 .

2. Enter      
     .


1234567890

3. Press  .

Address: 07  
auto: 02  
◀secret sto▶

4. Press .

Set Secret?  
◀no yes▶

5. Press .

Address: 07  
auto: 02  
◀secret sto▶

6. Enter  .

#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.

\*\*SECRET\*\*  
code▶

2. Press .

Security  
Code: ---

3. Enter the three-digit security code.

1234567890  
◀tel# edit▶

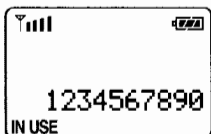
## End to End Signaling


To utilize certain phone services, such as accessing an alternate long distance network, signaling pager or banking by phone etc., Touch Tone™ signalling is required. The following features will make it easier 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 Touch Tone™ signals.)




2. Press .

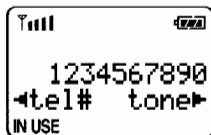



3. Press  . The number in the display will be sent in Touch Tone™ signals.

### 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 Touch Tone™ 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





**SEND**.

- 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 link 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  . 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  , then enter the memory address (01 ~ 99).

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

1. Enter **7** (PQRS) **4** (GHI) **6** (MNO) **3** (DEF)  
**4** (GHI) **7** (PQRS) **9** (WXYZ)
2. Press **F**
3. Press **F** →
4. Enter **1** (2ABC) **3** (DEF)
5. Press **F**
6. Press **F** →
7. Enter **1** (2ABC) **3** (DEF) **4** (GHI)  
**5** (JKL) **6** (MNO) **7** (PQRS) **8** (TUV) **9** (WXYZ) **0** (OPEN)
8. Press **STO** **STO** **3** (DEF) **5** (JKL)

7463479

▶:Link Mark  
:Hyphen

1L

7463479=

2L

123

▶:Link Mark  
:Hyphen  
:Tel#Review

2L

123=

3L

1234567890

#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** **F** → to select 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 **F**, and select the linked number you want to call. (See To Recall a Number from Memory.)
2. Press **SEND**. **IN USE** will light as the first number is dialed.
3. Press **SEND**. The second linked number will be sent in Touch Tone™ 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 **M+**.

### • To Store the Voice Mail Number

Please see To Store Linked Numbers in Memory, and follow the step 1 ~ 3 to make a set of linked numbers. Press **STO** **STO** **M+** 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. (See To Store Name with Phone Number.)

### • To Call your Voice Mail

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

### • To Review the Contents of **M+**

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

## Convenience Features

### Speed Dialing

If you know the memory address of the telephone number that you want to call, you may place a call without using **Rec**.

1. Enter the one or two digits of memory address (1 ~ 9 or 10 ~ 99).
2. Press **SEND**. 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 **F** **3** (DEF) **1**.

Alert Tone  
Pattern #1  
set

2. Press **BE** or **Vol** to select the alert tone.
3. Press **F** → to set.

## Automatic Answering

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

1. Press **5** **1**.

Auto Answer  
toff set

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 Locked", or "Keypad Locked" mode.

## Automatic Retry

With this feature on, your telephone will automatically make up to seven call attempts when the first try is not successful. **IN USE** will stay on, and the speaker will be muted for thirty seconds. Press **END** to cancel the Automatic Retry.

1. Press **5** **5**.

Auto Retry  
toff set

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 everytime your phone is turned on (your name, greeting etc.). A maximum of 36 characters can be stored as a message.

1. Press **7** **7**.

Security  
Code: ---

2. Enter the three-digit security code.

Enter Alpha  
Exit:[STO]

3. Enter your message. (See the Alpha Mode.)

4. When the message entry is completed, 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 **7** **1**.

Security  
Code: ---

2. Enter the three-digit security code.

Restriction  
toff 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  
7digits set

- Operator Mode

Operator assisted dialing (0 Origination Call) is prohibited.

Restriction  
operator set

- Recall 1-9 Mode

Only numbers in memory address 01 to 09 are accepted.

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 **4** **1**. 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 .

Security  
Code: \_\_\_\_

2. Enter the three-digit security code.

Call Time  
All Reset?  
no yes

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 beep tone. In addition, two beep tones will sound every five minutes.

### • To Turn On/Off One Minute Beep Tone Feature

1. Press .

One Minute  
Beep off  
set

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 .

Security  
Code: \_\_\_\_

2. Enter the three-digit security code.

Emergency #1  
911  
edit

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. (See below.)

### • To Place an Emergency Call in "Phone Locked" or "Keypad Locked" Mode

1. Enter the emergency number that 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 key stroke, even in the "Phone Locked" or "Restricted" mode. This feature can be turned off to prevent unintentional calls.

### • To Place a OneTouch Emergency Call

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

### • To Turn On/Off OneTouch Emergency Call Feature

1. Press .

Security Code: \_\_\_\_\_

2. Enter the three-digit security code.

One Touch  
Emerg. on  
set

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 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.

IncomingCall  
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 .

New Caller  
1234567890

3. If an incoming call is not answered, the Calling Number 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 .

### Unavailable or Restricted Numbers

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 .

Caller ID  
Alert on  
set

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.

New  
MESSAGE!  
Incoming

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

3. The Text Message which was 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. To set this alert:

- Press .
- You can turn this feature on/off by or .
- 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 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.

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

#### • Voice Mail Notification with Mail Retrieval Service (MRS)

- The phone sounds a short beep tone.
- 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.
- 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.

- Press .
- You can turn this feature on/off by or .
- Press to set.

### Reviewing the Memory Stack

#### • Memory Stack

The memory stack stores the following information.

- The Voice Mail number which indicates the number of unreviewed messages in your Voice Mail.
- 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 to 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 or all the Text Messages is cleared, the or indicator turns off.

Flashing	Your phone has been notified that you have 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 indicator, whenever your Voice Mail contains unreviewed messages, you will occasionally hear a short beep as a reminder.

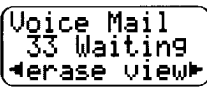





## • Memory Stack Retrieval

To retrieve information from the Memory Stack:

### a) To display the Voice Mail number

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


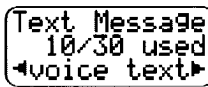

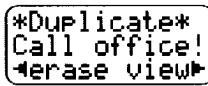

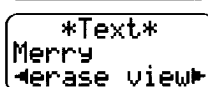

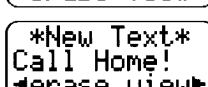

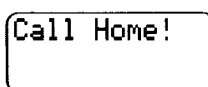

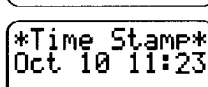

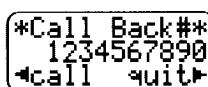


- If a Text Message is attached to the Voice Mail Notification, the Text Message can be reviewed by  or  after pressing .

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


### b) To display a Text Message

#### Example: To display a Text Message stored in the Memory Stack.

- Press  
- Press  
- Press  
- Press  
- Press  
- Press  
- Press  

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\*”.




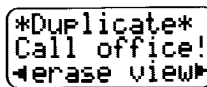

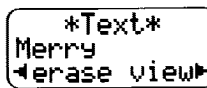

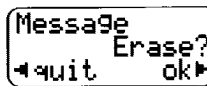

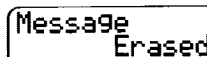
3. If the received Text Message contains a Call Back Number, you can dial it simply by  or



## Message Clear




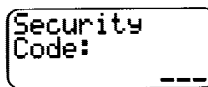
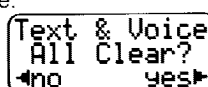

This function allows you to clear the Voice Mail number. This function can also be used to clear, one at a time, Text Messages stored in Memory when they are no longer needed.

#### Example: To clear a Text Message stored in the Memory Stack.

- Press  
- Press  
- Press  
- Press  
- Press  

## Text Message & Voice Mail All Clear

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

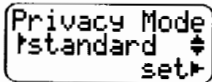
- Press   . 
- Enter the three-digit security code. 
- Press  to clear the message.

## 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 the Enhanced Voice Privacy Mode

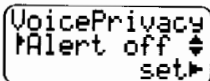
1. Press . 
2. To request the cellular system to provide the enhanced voice privacy service, select "enhanced" with or and press .
3. When the phone is operating in the Enhanced Voice Privacy Mode, "VP" appears in the upper line of the display during talking.
4. To request the cellular system not to use the enhanced voice privacy service, select "standard" with or and press .

Note: 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

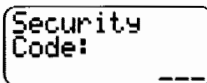
1. Enter the number you are calling, or recall the number from a specific memory location.
2. Press . As your call is being processed, you will have the following display.

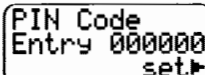


3. Press again. Your call will then be placed.

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 .

Auto PIN  
toff  
set▶

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 (See Voice Mail Dialing)

1. Press for more than 0.5 seconds. As your call is being processed, you will have the following display.

Send PIN  
Press  
[M+]Key

2. Press again, your call will then be placed.
3. Press again. The second number 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 .

Serial Data  
Mode on  
set▶

2. Press ▶ to set.

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

## To Cancel Serial Data Mode

1. Press .

Serial Data  
Mode off  
set▶

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 four 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 .

NAM#1  
1234567890  
set

2. You can change the current NAM by or .

3. Press to set.

### Automatic NAM

If you have multiple NAM registrations (see previous description), 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 .

Auto NAM  
off  
set

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.

A/B Switch  
standard  
set

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.

A/B Switch  
standard  
set

- Home Only Mode

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

A/B Switch  
home only  
set

- Preferred System Only Mode

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

A/B Switch  
prefer  
set

- Non-preferred System Only Mode

The phone will scan the non-preferred system only.

A/B Switch  
non prefer  
set

### 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 system (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) you 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 your 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 .

Service Mode  
Alert off  
set

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 .

Force  
Analog Call  
ok

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 (M+). To clear:

1. Press .

Security  
Code: ---

2. Enter the three-digit security code.

Repertory  
All Clear?  
no yes

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 .

Security  
Code: ---

2. Enter the three-digit security code.

History  
All Clear?  
no yes

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 .

Security  
Code: ---

2. Enter the three-digit security code.

Function  
All Reset?  
no yes

3. Press to reset.

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

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
OneTouch Emergency Call	ON
*Safety Timer	8 hours
Key Tone Volume Control	3
Alert Tone Volume Control	4
Earpiece Volume Control	3

\* 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.

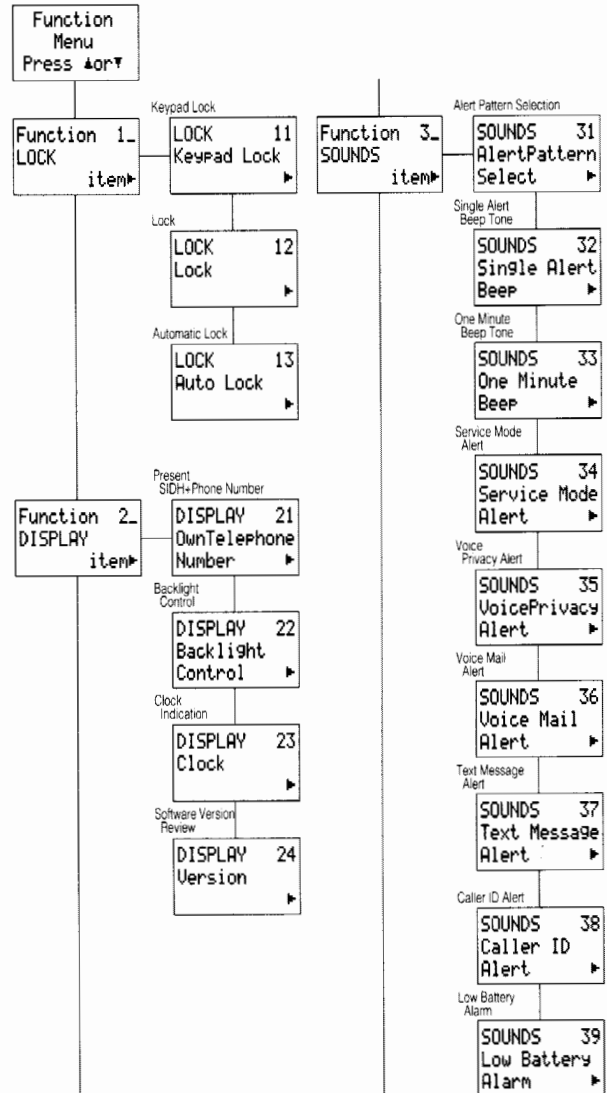
- Press .
- Press any key. The software version display will go off.

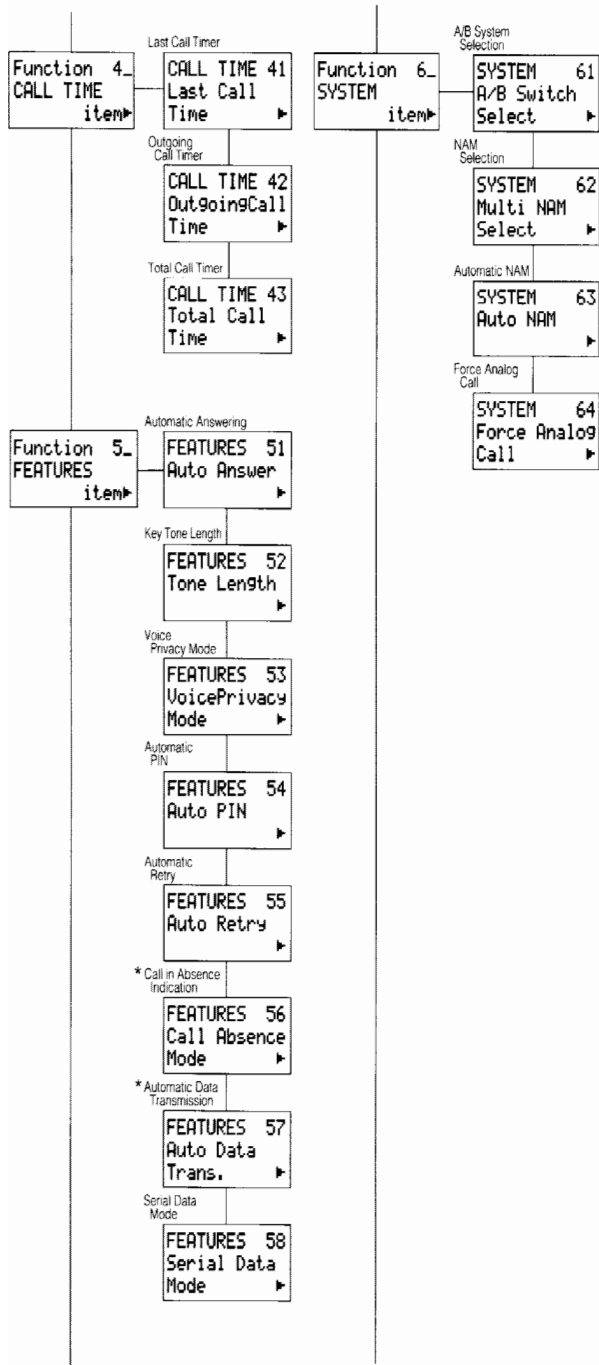
## Function Menu (for Multi Function Key)

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

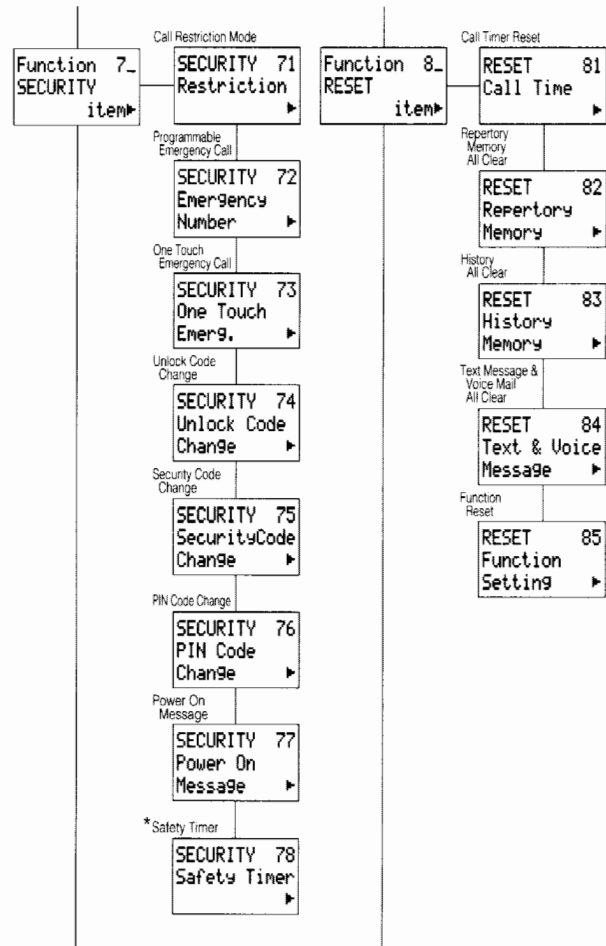
- To review the key sequence.
- To set or change the function status.
- To review the current function status.

Press . Scroll the menu up or down by or .





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



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

## WARNING

When using your cellular telephone, please note that the following offenses are punishable by fine, imprisonment, or both:

- Using obscene, indecent, or profane language.
- Using the phone to give off false distress calls.
- Wiretapping or otherwise intercepting a telephone call, unless that person has first obtained the consent of the parties participating in the call.
- Making anonymous calls to annoy, harass, or molest other people.
- Charging to an account without authorization to avoid payment for service.
- Refusing to yield line when informed that it is needed for an emergency call (It is also unlawful to take over a line by stating falsely that it is needed for an emergency).

**The CDM-3000/CDM-3000XL is using one or more of the following US patents licensed by QUALCOMM Incorporated:**

4,901,307	5,309,474
5,056,109	5,103,459
5,101,501	5,099,204
5,109,390	5,107,225
5,228,054	5,283,536
5,257,283	5,280,472
5,265,119	5,337,338
5,267,261	5,339,046
5,267,262	5,341,456
5,289,527	

## 12 MONTH LIMITED WARRANTY

AUDIOVOX CORPORATION (the Company), warrants to the original retail purchaser of this Audiovox Handheld Portable Cellular Telephone, that should this product or any part thereof (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 keypad and display are similarly warranted for ninety (90) days from date of purchase.

The accessories consisting of the antenna and rechargeable battery pack, desk top charger are similarly warranted for twelve (12) months from original purchase.

This Warranty does not apply to batteries, fuses, or costs incurred for testing or checking, or to any product or part hereof 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.

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. For TRAVELERS WARRANTY SERVICE.

Call toll free to (800) 229-1235 (in N.Y. State, (516) 233-3410) for reference to an Authorized Warranty Station in your area.

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 COMPANY'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 HEREUNDER 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.

**IN U.S.A.:** AUDIOVOX COMMUNICATIONS CORP.,













555 Wireless Blvd., Hauppauge,  
New York 11788  
(516) 233-3300

**IN CANADA:** AUDIOVOX CANADA LTD.







405 Britannia Road East,  
Mississauga, Ontario L4Z3E6  
(905) 712-9299

## Quick Reference













### Basic Operation

Turn On/Off   
Place A Call Phone No.,   
Terminate A call   
Receive A Call Any Key (except   and )  
Clear Last Digit  (less than 0.5 sec.)  
Clear All Digit  (more than 0.5 sec.)  
Volume Control , repeat  to get your desired volume menu (Earpiece, Alert Tone etc.) then  or 

### Convenience Features













Store Number in Memory , Phone No.,  ,  
Memory Address  
Recall Number from Memory Repeat  to get "Memory Address" on display, Memory Address,   
Speed Dialing Memory Address, 

### Messaging Features







Review Voice Mail Number    
Review Text Messages   , then  or  for scroll  
Review Caller ID Repeat  to get "Call History" on display,   then  or  for scroll.

## Quick Reference













### Basic Operation

Turn On/Off   
Place A Call Phone No.,   
Terminate A call   
Receive A Call Any Key (except   and )  
Clear Last Digit  (less than 0.5 sec.)  
Clear All Digit  (more than 0.5 sec.)  
Volume Control , repeat  to get your desired volume menu (Earpiece, Alert Tone etc.) then  or 

### Convenience Features

Store Number in Memory , Phone No.,  ,  
Memory Address  
Recall Number from Memory Repeat  to get "Memory Address" on display, Memory Address,   
Speed Dialing Memory Address, 

### Messaging Features

Review Voice Mail Number    
Review Text Messages   , then  or  for scroll  
Review Caller ID Repeat  to get "Call History" on display,   then  or  for scroll.

## Functions

Mute/Unmute



Keypad Lock



Lock the Phone



Automatic Lock



Display Own Phone Number & SID



Backlight Control



Last Call Time Display



Outgoing Call Time Display



Total Call Time Display



Automatic Answering



A/B System Selection



Force Analog Call



# Audiovox Accessory Catalog

## CDM-3000/CDM-3000XL



## Functions

Mute/Unmute



Keypad Lock



Lock the Phone



Automatic Lock



Display Own Phone Number & SID



Backlight Control



Last Call Time Display



Outgoing Call Time Display



Total Call Time Display



Automatic Answering

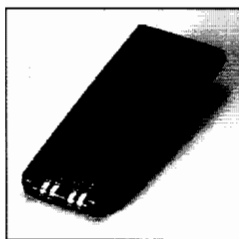


A/B System Selection



Force Analog Call





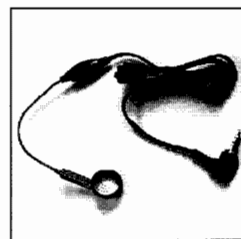
**BTR-3000**  
Slim NiMH  
Battery



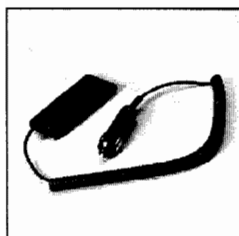
**BTE-3000**  
Extended Life  
NiMH Battery



**DTC-3000**  
Desk Top Charger  
with AC Adapter



**EM-425**  
Optional Earphone  
Microphone



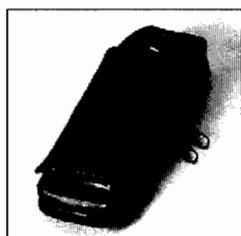
**CLA-3000**  
Battery Eliminator



**CLC-3000**  
Cigarette Lighter  
Charger



**HF-3000**  
Hands Free Kit



**LB-3000**  
Leather Carrying  
Case



These accessories are available  
at your local AUDIOVOX Dealer.  
For information contact:

## PROTECT YOUR WARRANTY

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

“Warranty does not apply to...or to any product or part thereof which has suffered through alteration... mishandling, misuse, neglect, or accident”.

Many companies are making look-alike accessories and in some cases, promoting that their product is equal to or better than the Audiovox product. Be careful. Some of these products may not be compatible for use with your Audiovox product and may damage the unit or cause it to malfunction. If service is required on your unit, and it is determined that a non-Audiovox accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Audiovox product.

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