

CDM-9500

VERIZON

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OWNER'S MANUAL

AUDIOVOX

CDM-9500

Tri-Mode Digital CDMA/Amps Handheld Portable Telephone

In today's fast paced world, it has become a necessity to have access to your family and friends as well as real-time information. Your communications tools must provide you with this access from anywhere at anytime. With that in mind, Audiovox developed the CDM-9500, our first clamshell style phone with dual LCD displays - inner display with 65k color.

This 1XRTT digital handset enables carriers supporting 1x technology to provide consumers with access to high speed connectivity for web browsing, email and mobile e-commerce. Operating on the 800 MHz Amps/ CDMA and 1900 MHz PCS frequencies, the CDM-9500 allows for seamless nationwide coverage as well as offering other state-of-the-art user-friendly features. Voice activated dialing and two-way speakerphone are great for enhancing hands-free use of this phone. T9[®] Text Input, vibrating alert and multilingual menus make the CDM-9500 easier to use. The CDM-9500 also offers downloadable melody ringers and wallpapers to personalize your handset to fit your style or mood.

With all the standard features already available, the CDM-9500 also offers the latest wireless phone options: Get It Nowsm compatibility, CMX/MIDI sound, TTY compatibility and GPS for E911 calling. You can also get Caller ID information without opening the phone with the 2 line outer display.

Your new CDM-9500 provides you with something only an Audiovox phone can: the proven reliability that has made us a leading wireless handset provider. Please take a few moments to read the following pages of the owner's operating manual. It will help you make the most efficient use of this valuable communications tool.

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SAFETY INSTRUCTIONS

WARNING : Always read and understand all of the Warnings and Safety Instructions contained in this Manual before attempting to use this Audiovox CDM-9500 Cellular Phone, to help avoid potential hazards that could result in bodily injury or property damage.

Always keep this manual conveniently available for future reference, as it contains important information that will help effect the safe operation and maintenance of this instrument.

The safety instructions have been classified according to the seriousness of the risk, as follows :

DANGER : “**Danger**” indicates the existence of a hazard that could result in death or catastrophic bodily injury, if the safety instruction is not observed.

WARNING : “**Warning**” indicates the existence of a hazard that could result in serious bodily injury, if the safety instruction is not observed.

CAUTION : “**Caution**” indicates the existence of a hazard that could result in minor bodily injury or property damage, if the safety instruction is not observed.

NOTICE : “**Notice**” contains general information that relates to the safe operation of the telephone.



Safe Operation of Your Phone

WARNING

- Never attempt to disassemble the phone or any of its accessories. If service or repair is required, return the unit to an Audiovox authorized service center. If the unit should be disassembled, a risk of electric shock or fire may result.
- Always use authorized Audiovox accessories and optional devices when operating this cellular phone, as the use of incompatible auxiliary equipment could result in fire, electric shock or other bodily injury. The use of unauthorized accessories will also void your Warranty.
- When the phone is used for extended periods of time in high temperature conditions the phone surface could become hot. Please use caution when touching the phone under such conditions.

Protection of Children

- Never allow children to play with your phone, as they might hurt themselves or others (e.g., by poking themselves or others in the eye with the antenna).
- Always keep all accessories and components out of the reach of small children. Small parts, in particular, might present a choking hazard to children.

Use in Vehicles

- Never store or transport flammable liquids, gases or explosive materials in the same compartment as the phone or any of its accessories, as possible sparking in the equipment could ignite a fire or explosion.
- Always secure the phone in its holder, when it is not in use. Never place the phone on the passenger seat or anyplace else in the car where it can become a projectile during a collision or sudden stop.

CAUTION

- Never expose this phone to high temperatures, such as those found near a heater or in a closed car parked in the sun. This can cause heat-damage to the plastic parts, the electronic components and the battery.
- Never drop this phone or subject it to violent impact or shock. This can cause mechanical damage.
- Never allow any liquids to spill on this phone or expose it to rain, water or moisture. This can cause corrosion damage.
- Never store this phone in cold areas. When the phone warms up (to its normal operating temperature), moisture can form inside the phone, which may damage the phone's electronic circuit board.
- Never use harsh chemicals, cleaning solvents, or strong detergents to clean this phone. Always clean it with a soft cloth that has been slightly dampened in a mild soap-and-water solution.
- Never paint this phone. This can clog the moving parts.
- If you at anytime notice an allergic skin reaction from use of this product, immediately discontinue use and consult with your physician.

Before connecting this cellular phone or any of its accessories to any other device, always read the Instruction Manual for that other device first to obtain detailed safety instructions. Never connect this cellular phone to any unauthorized or incompatible auxiliary product that has not been expressly approved by Audiovox.

Safe Operation of Battery Pack

WARNING

- Never short-circuit a battery pack by either accidentally or intentionally bringing the terminals in contact with another metal object. That could result in burns, other bodily injury or a fire, and could also damage the battery pack.
- Never expose the terminals of the battery pack to any other metal object. Always wrap it or place it in a plastic bag, whenever transporting it.
- Never heat and never attempt to disassemble the battery pack, as that could cause leakage of the caustic electrolyte. If the battery is accidentally broken, avoid skin contact with the contents. In the event of skin contact, wash the affected area immediately and obtain prompt medical attention.
- Never attempt to dispose of a battery pack by throwing it into a fire. That can cause the battery pack to explode.
- Never attempt to use an unauthorized battery pack with your phone in order to avoid any risk of bodily injury or property damage. Since unauthorized accessories have different specifications, they may be incompatible with your phone.

Safe Operation of Battery Pack (continued)

WARNING

Safe Disposal of Used Battery Packs

- Never discard a used battery pack with ordinary solid wastes, since it contains toxic substances.
- Always dispose of a used battery pack in accordance with prevailing community regulations relating to the disposal of household toxic wastes. Always cover the metal terminals with insulating tape first, to prevent accidental short-circuiting.



CAUTION

- Always turn your phone OFF before removing the battery pack, and always use the battery pack for its intended purpose only.
- Always use the battery pack supplied by Audiovox, or an approved replacement battery pack, to avoid any risk of damage to your cellular phone.



Safe Operation of AC Adapter

The AC Adapter and the Desktop Charger that were designed by Audiovox for this unit both require the use of a standard 120 V AC power source for their operation.

DANGER

- Never attempt to disassemble or repair an AC adapter or desktop charger, as exposure to electric shock hazards may result. Always contact an Audiovox authorized service center, if repair or replacement is required.
- Never alter the AC cord or plug on your AC adapter or desktop charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician. Improper connection can result in the risk of electric shock.

WARNING

- Never allow any liquids or water to spill on the AC adapter or desktop charger when it is connected to an AC power source. There is a risk of fire or electric shock.
- Always use the authorized Audiovox AC adapter or desktop charger to avoid any risk of fire or damage to your cellular phone or battery. Bodily injury or property damage may occur as a result of the use of an unauthorized and incompatible AC adapter or desktop charger.
- Never use an AC adapter or desktop charger if it has a damaged or worn power cord or plug. The use of damaged or worn power cords or plugs could result in electric shock, burns or fire. Contact an Audiovox authorized service center immediately to obtain a suitable replacement.

Safe Operation of AC Adapter (continued)

WARNING

- Always unplug the AC adapter or desktop charger from the power source before attempting any cleaning in order to avoid the risk of electric shock. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.
- Never attempt to use an unauthorized AC adapter or desktop charger with your phone in order to avoid any risk of bodily injury or property damage. Since unauthorized accessories have different specifications, they may be incompatible with your phone.

CAUTION

- Always confirm that the power cord for any accessory is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- Never place heavy objects on a power cord, as this could result in damage to the cord.
- Never bend or twist a power cord, and never pull on a power cord in an attempt to remove an AC adapter or accessory plug from a socket. Always grasp the AC adapter or the accessory plug directly when unplugging the device in order to avoid damaging the cord.
- Always disconnect the AC adapter or desktop charger from the power source when it is not in use.

Memo

1



BEFORE USING YOUR PHONE

Before using your phone, be sure to read and fully understand this manual. This chapter addresses the phone's keys and display icons and also covers charging and proper battery usage.

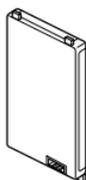
- ◆ **Package Contents**
- ◆ **External View**
- ◆ **Front View**
- ◆ **Using the Battery**
- ◆ **Charging the Battery**
- ◆ **Using the Belt Clip**
- ◆ **Getting Started**

Package Contents

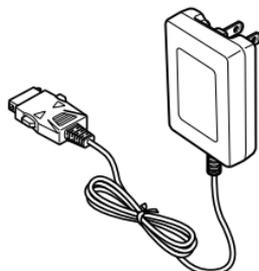
Thank you for purchasing the CDM-9500 wireless handset. The phone's giftbox contains all of the items listed below. If any items are missing, contact the dealer where you purchased the phone.



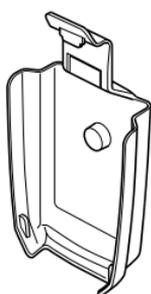
① Handheld Portable Telephone



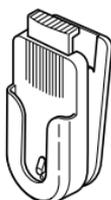
② Standard Lithium Ion Battery Pack



③ AC Adapter



④ Belt Clip



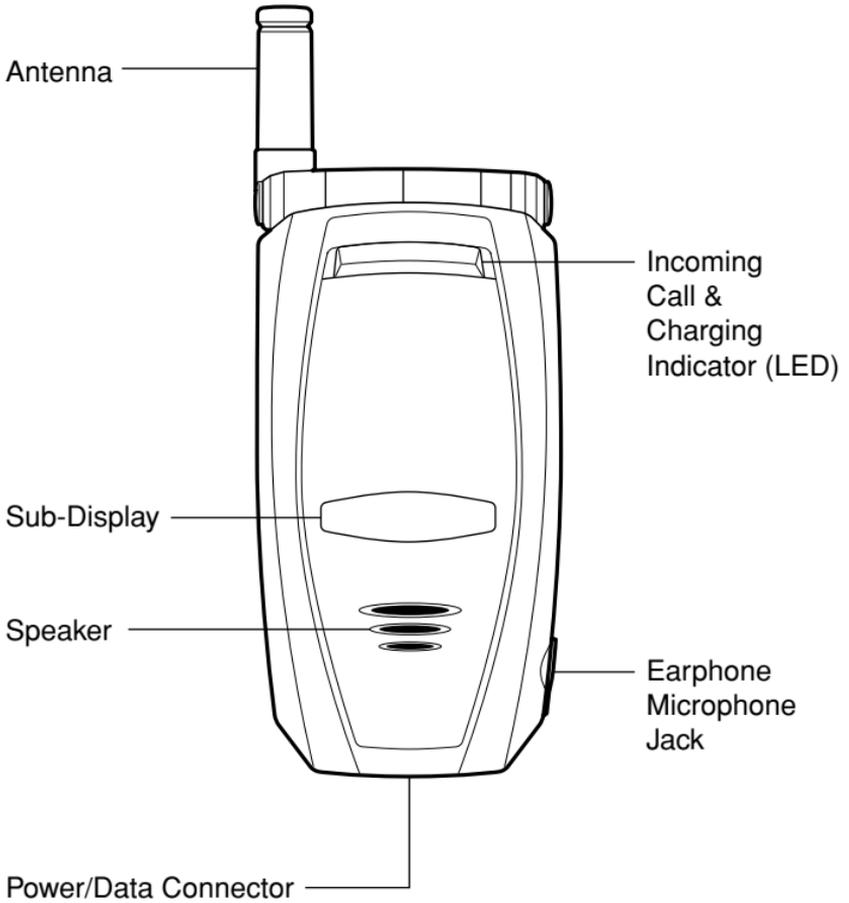
⑤ Owner's Manual

CDM-9500 Package

No.	Item	Model
①	Handheld Portable Telephone	CDM-9500
②	Standard Lithium Ion Battery Pack	BTR-9500
③	AC Adapter	CNR-9100
④	Belt Clip	BC-9500
⑤	Owner's Manual	CDM-9500

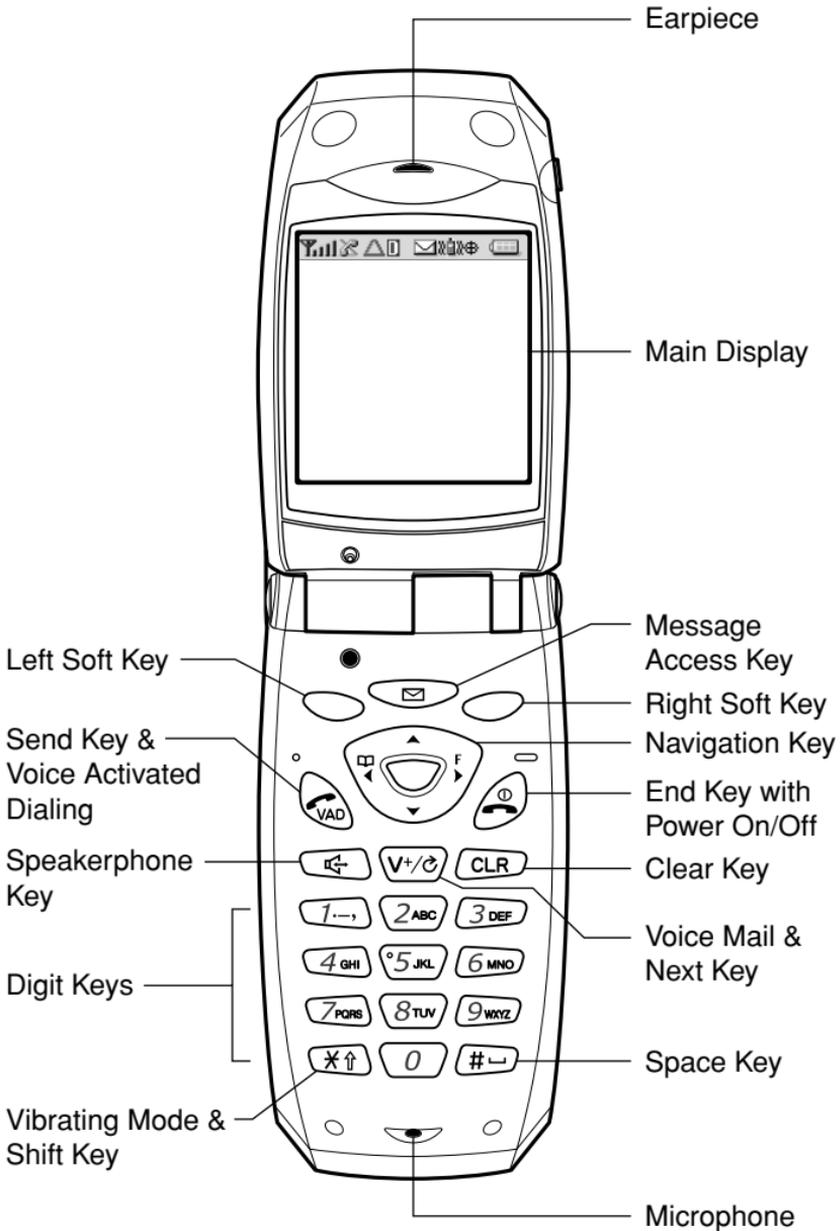


External View





Front View



Key Functions



Soft Keys: Press to perform the function indicated at the bottom of the display.



Send Key: Press to make or answer a call. Press and hold to use Voice Activated Dialing.



End Key: Press to end a call or exit from the menu. Press and hold to turn the phone on or off.



Navigation Key: Allows you to navigate through the menu. Press  to enter the phonebook menu (see page 40). Press  to enter the function menu (see page 80). Press  or  to scroll menu items and to control earpiece/speakerphone volume. Press the center key  to select a menu item. Press and hold the center key  to launch Get It Now (see page 106).



Message Key: Press to display text messages and voice mail notification (see page 60).



Speakerphone Key: Press to activate speakerphone mode (see page 30).



Voice Mail Key: Press and hold to access voice mailbox (see page 61).



Clear Key: Press to clear digits and letters or return to the previous screen.



Star Key: Press and hold to activate vibrating alert mode (see page 90).

Icons on the Main/Sub Display

	Signal Strength: Indicates the strength of the signal your phone is receiving.
	In Use: A call is in progress.
	No service: Phone is out of the service area.
	Roaming: Phone is out of the home area.
	Digital Mode: Phone is operating in digital mode.
	Message: You have new text or voice mail messages.
	Vibrating Alert is active. See page 90.
	Speakerphone mode is active. See page 30.
	Web Security page is displayed. See page 76.
	GPS Location Mode: See page 96.
	Battery Level: Indicates the current battery charge level.

Icons on Standby Mode

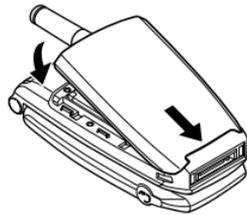
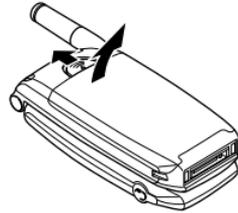
-  **Ring Volume** is in **Silent** alert mode. See page 87.
-  **Phone Lock** is active. See page 100.
-  **Countdown Timer** is active. See page 94.
-  **Alarm Clock** is active. See page 93.
-  **Scheduler Alarm** is active. See page 109.
-  **Automatic Answering** is active. See page 82.
-  **Calls-in-Absence** is active. See page 92.
-  **Alert:** You have new alerts. See page 77.



Using the Battery

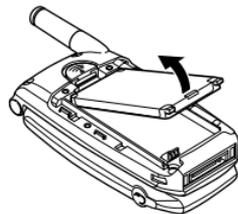
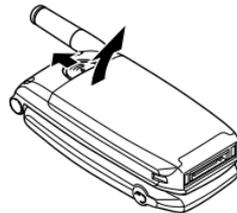
Installing the Battery Pack

1. Slide the latch on the phone and remove the battery cover.
2. Insert the top of the BTR-9500 battery pack into the phone and place it down.
3. Place the battery cover to the bottom of the phone and close the battery cover to snap it into position.



Removing the Battery Pack

1. Press and hold  to turn the phone off. Slide the latch on the phone and remove the battery cover.
2. To remove the battery pack, lift up its bottom.



Tip: When using the optional accessory BTE-9500 Extended Lithium Ion Battery Pack, use the supplied battery cover.

Charging the Battery

Charge the battery before using the phone.

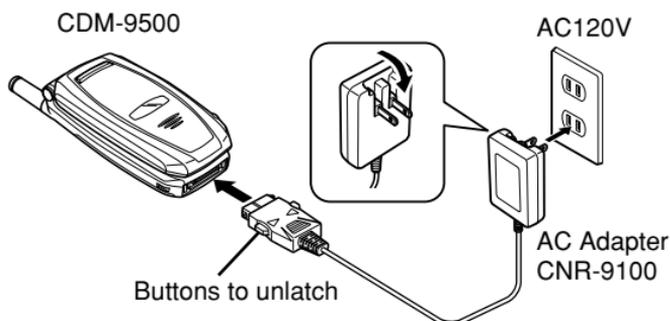
Charging the Phone's Battery

1. Turn the phone off.
2. Insert the flat connector of the CNR-9100 AC Adapter into the connector on the bottom of the phone.
3. Plug the AC Adapter into an AC120V outlet.
4. The charging indicator on the phone will light green and “**Charging**” will appear on the Sub-Display.
5. When charging is complete, the charging indicator will turn off and “**Charged**” will appear on the display.
6. Disconnect the AC Adapter from the outlet.
7. Press and hold the buttons on the flat connector of the AC Adapter and pull the connector off the phone.

Note: 1. For complete charging, it is recommended that the phone be turned off during charging.

2. It is normal for the battery to become warmer during charging.

3. Do not feed power to the phone without the battery pack attached.



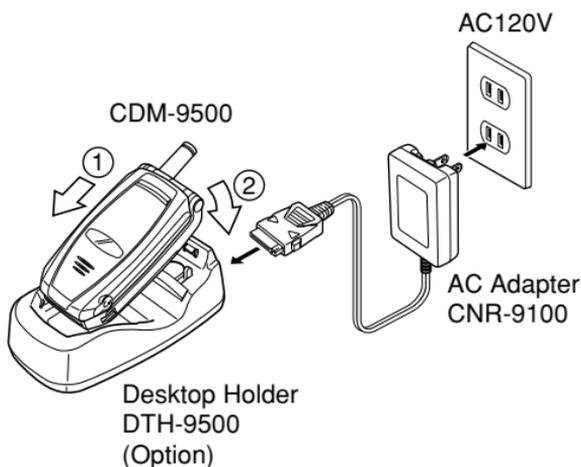
Charging Time

Battery Type	Charging Time
Standard Battery Pack (BTR-9500)	1.5 to 2 hrs.
Extended Battery Pack (BTE-9500)	2 to 2.5 hrs.

The charging time, from empty to full, depends on the environmental temperature, 0 to +35°C.

Charging with the Desktop Holder

The CNR-9100 AC Adapter and the optional accessory DTH-9500 Desktop Holder can be used to charge the phone's battery as illustrated below.



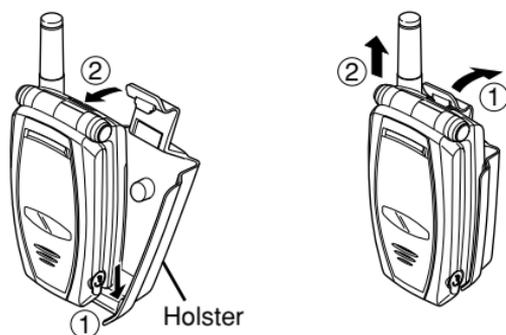
Battery Information

- ◆ Temperature extremes affect the Battery Pack's ability to charge; always allow it to completely cool down or warm up first.
- ◆ Subjecting the Battery Pack to extremely high or low temperatures reduces its capacity and its life expectancy. If possible, always try to keep the Battery Pack between 59°F and 77°F (15°C and 25°C).
- ◆ After repeatedly using the rechargeable battery, the talk and standby times may become shortened when the battery is fully charged. When this occurs, replace it with a manufactured-approved battery pack.

Using the Belt Clip

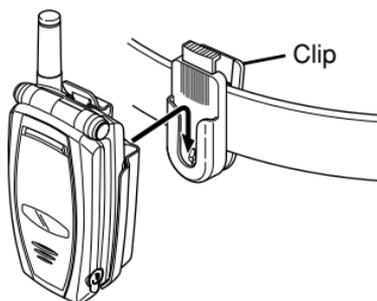
The BC-9500 Belt Clip allows you to place the phone on your belt and consists of a holster and a clip.

Attaching and Detaching the Holster



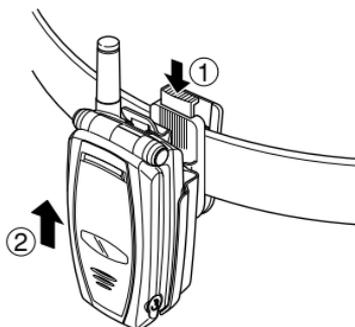
Holding the Phone on Your Belt

1. Place the phone on the clip so that the knob of the holster will fit to the clip.
2. Slide the phone down along the clip until it latches into place.



Removing the Phone from Your Belt

1. Press the button on the clip to release the phone.
2. Slide the phone up to remove it.





Getting Started

Turning the Phone On/Off

To turn the phone on, press and hold .

To turn the phone off, press and hold .

Antenna Position

Fully extend the antenna for optimum performance and signal strength, or while operating in poor signal areas.

Power Management

Battery	Mode	Talk Time up to	Standby Time up to
Standard (BTR-9500)	Digital 1x	100 min.	150 hrs.
	Digital	120 min.	100 hrs.
	Analog	50 min.	13 hrs.
Extended (BTE-9500)	Digital 1x	150 min.	250 hrs.
	Digital	200 min.	160 hrs.
	Analog	80 min.	20 hrs.

The talk and standby times are approximate values and may vary depending on the network and handset usage.

Multilingual

The CDM-9500 can display menus and prompts and enter text in multiple languages (English, Spanish, French and Portuguese). To change the language, see **Language (F24)** on page 84.

Security Code

Your phone is equipped with the Security Code to access various security features. The security code is four digits long and is factory preset to “1234”. To change the security code, see **Changing Security Code (F63)** on page 102.

2



BASIC OPERATION

This chapter addresses the basic calling functions of your phone and outlines how to enter letters and symbols in various features.

- ◆ **Making Calls**
- ◆ **Answering Calls**
- ◆ **During Calls**
- ◆ **Making Emergency Calls**
- ◆ **Entering Letters and Symbols**



Making Calls

Making a Call

1. Enter the phone number.
2. Press . The icon  will appear.

Tip: To clear the last digit, press . To clear all the digits entered, press and hold .

Ending a Call

To end a call, press .

Making a Call with Speakerphone

To make a call using the speakerphone mode, enter or recall the phone number, then press . The icons  and  will appear.

Note: For optimal performance, do not use this feature in a noisy environment.

Last Number Redial

1. To recall the last number dialed, press the softkey under **Redial**.
2. Press .

Note: During extended periods of use, the phone may become warm. This is part of the normal operation of the phone. Discontinue using if the phone becomes uncomfortable to operate.

Answering Calls

The phone sounds the ringer or vibrates to alert you of an incoming call.

Answering a Call

To answer the call, press  or any digit key. The icon  will appear.

Tip: To mute the ringer or stop the vibrating, press .

Answering a Call with Speakerphone

To answer the call using the speakerphone mode, press . The icons  and  will appear.

Open to Answer

Allows you to answer the call by simply opening the phone, when this feature is activated.

Note: See *Open to Answer Setting (F15)* on page 82 to turn this feature on/off.

Caller ID with Name

If a caller's name and number are saved in your phonebook, they will appear on the display before you answer the call.

Missed Calls

When you don't answer a call, the number of missed calls and the last call's phone appears on the screen.

- ◆ To dial the last number missed, press .
- ◆ To review the missed call history, press .



During Calls

Adjusting the Volume

To raise or lower the earpiece/speakerphone volume during a call, press  or . To switch between earpiece and speakerphone, press  or .

Muting the Microphone

1. Press the softkey under **Mute** to mute the microphone during a call. “**Phone is Muted!**” displays.
2. To return to normal mode, press the softkey under **Unmute**.

Speakerphone Mode

1. To activate the speakerphone mode, press  during a call. The icon  will appear.
2. To deactivate, press  again.

Scratch Pad Dialing

When you enter a phone number during a call, the number will be saved in the Scratch Pad memory. It holds the last 3 numbers entered. To dial the number from the Scratch Pad after you have ended your call:

1. Press . Select “**History**” then press .
2. Select “**Scratch Pad**” then press .
3. Choose the number you want to dial and press .

Call Waiting

If you have Call Waiting service, you may hear a beep tone when you are on a call alerting you of an incoming call. “**New Caller**” is displayed along with the new caller’s name and number.

1. To answer the new call, press .
2. To switch between the two calls, press  again.

Three-Way Calling

Three-Way Calling allows you to call a third party when a call is already in progress. This service is system dependent.

1. To call the third party, enter a number and press .
2. To connect all three parties, press  again.

Sending Tones

There are three ways to send tone signals to the party during a call.

Sending Tones from Keypad

When **DTMF Send (F34)** (page 88) is on, tone signals are sent to the party as you press digit keys during a call.

Sending Tones from Display

To send tone signals from the display during a call, when **DTMF Send (F34)** (page 88) is off:

1. Enter the number.
2. Press the softkey under **Menu**, select **"Tone"** then press .

Sending Tones from Memory

To send tone signals from the phonebook memory during a call:

1. Press  and recall the number you want to send in tone signals.
2. Press the softkey under **Menu**, select **"Tone"** then press .



Making Emergency Calls

Calling Emergency Numbers

You can make calls to “911”, “*911” or “#911”, even if your phone is locked or your call is restricted.

Example:

1. Enter   .
2. Press .

Your Emergency Numbers

You can make calls to emergency numbers you specified, even if your phone is locked or your call is restricted. See **Changing Your Emergency Numbers (F62)** on page 102.

Locating Position in Emergency Calls (GPS)

Your phone supports the system to locate your position when you make an emergency call to “911”, “*911” or “#911” in the digital mode operation. This feature is system dependent. The emergency call is momentarily interrupted, while the phone receives the GPS (Global Positioning System) signals.

Important: See “Emergency Calls” on page 124.

Emergency Call Mode

When the emergency number “911”, “*911” or “#911” is dialed, the phone enters **Emergency Call Mode** and will attempt to complete the emergency call using any available cellular system it can find. After the call is placed, the phone will stay in the **Emergency Call Mode**, and attempt to continue to receive service from the cellular system used to complete the call. “**Emergency Call Mode, End to Exit**” will display and the phone will automatically exit the **Emergency Call Mode** after 5 minutes or after you press .

Entering Letters and Symbols

Text entry is automatically activated when it is necessary to enter letters such as names or messages.

Text Entry Mode

The text entry mode is displayed at the lower left corner of the screen as “**T9**” (T9 mode), “**Abc**” (Abc mode) or “**123**” (Numeric mode).

To Change the Entry Mode:

1. Press the softkey under **Mode**.
2. Select a new entry mode (**T9**, **abc**, **Number** or **Symbols**) then press .

Shortcut: 1. To change the T9 mode to Abc mode or vice versa, press and hold the softkey under **Mode**.

2. To change to the Numeric mode, press and hold .

3. To change to the Symbol mode, press and hold .

T9 Mode

The T9 mode allows you to enter text quickly by pressing one key per letter. This function suggests words as you type.



Example in English:

1. Type  . Your phone displays **in**.
2. Press  to display the next choice **go**.
3. Press  to select the word “**go**” and add a space.

T9 Mode Basics

- ◆ The **Shift** key (⌘) turns letter cases: “T9” (normal), “T9↑” (initial cap.) and “T9⌵” (caps. lock).
- ◆ The **Next** key (↻) displays the next choice.
- ◆ The **Space** key (#) selects a word and adds a space.
- ◆ To select a word, press (↵).
- ◆ To insert punctuation, press (1...).
- ◆ To delete a character, press (CLR).
- ◆ To delete all characters, press and hold (CLR).
- ◆ To move the cursor, press (←) or (→).
- ◆ To enter digits, press and hold keys (0) to (9).

Note: For more information, visit www.T9.com.

Abc Mode

The Abc mode allows you to enter characters by repeatedly pressing the digit key. For example, to enter “J” press (5_{JKL}) once, and to enter “L” press (5_{JKL}) three times.

Abc Mode Basics

- ◆ The **Shift** key (⌘) turns letter cases: “abc” (normal), “Abc↑” (initial cap.) and “ABC⌵” (caps. lock).
- ◆ The **Space** key (#) adds a space.
- ◆ To select a character, press (↵).
- ◆ To delete a character, press (CLR).
- ◆ To delete all characters, press and hold (CLR).
- ◆ To move the cursor, press (↕).
- ◆ To enter digits, press and hold keys (0) to (9).

Assigned Alpha Characters in Abc Mode

Key	English	Spanish
1 →	. @ ? ! - , & : ' 1	
2 ABC	A B C 2	A Á B C 2
3 DEF	D E F 3	D E É F 3
4 GHI	G H I 4	G H I Í 4
5 JKL	J K L 5	J K L 5
6 MNO	M N O 6	M N Ñ O Ó 6
7 PQRS	P Q R S 7	P Q R S 7
8 TUV	T U V 8	T U Ü Ú V 8
9 WXYZ	W X Y Z 9	W X Y Z 9
0	0	0

Key	French	Portuguese
1 →	. @ ? ! - , & : ' 1	
2 ABC	A Ä À Á Â B C Ç 2	A À Á Â Ã B C Ç 2
3 DEF	D E Ë È É Ê F 3	D E É Ê F 3
4 GHI	G H I Ï Í Î 4	G H I Í 4
5 JKL	J K L 5	J K L 5
6 MNO	M N Ñ O Ö Ó Ô 6	M N Ñ O Ó Ô Õ 6
7 PQRS	P Q R S 7	P Q R S 7
8 TUV	T U Ü Ù Ú Û V 8	T U Ü Ú V 8
9 WXYZ	W X Y Z 9	W X Y Z 9
0	0	0

Numeric Mode (123)

Press  to  to enter digits; to delete a digit, press .

To return to the previous mode (T9 or Abc), press and hold the softkey under **Mode**.

Symbol Mode

1. To select one of symbols on the screen, move the cursor with  then press .
2. The symbol is inserted into the text. The screen will return to the previous mode.

3



PHONEBOOK OPERATION

This chapter addresses saving a phone number to the phonebook, Voice Activated Dialing and accessing call histories.

- ◆ **Phonebook Outline**
- ◆ **Saving Phonebook Entries**
- ◆ **Searching the Phonebook**
- ◆ **Dialing from the Phonebook**
- ◆ **Editing the Phonebook**
- ◆ **Voice Activated Dialing (VAD)**
- ◆ **Call History**
- ◆ **Group List for SMS**

Phonebook Outline

The Enhanced Phonebook with 300 memory addresses saves up to five telephone numbers and three e-mail addresses per entry. Saved numbers can be easily recalled and dialed by pressing . Mark them Secret for added privacy. A phonebook entry can also be saved with a voice recording for Voice Activated Dialing.

Phonebook Menu

Pressing  displays the Phonebook Menu.

- ◆ **Address:** See page 45.
- ◆ **Alphabet:** See page 46.
- ◆ **Keyword:** See page 46.
- ◆ **New Entry:** See page 41.
- ◆ **Voice Dial:** See page 51.
- ◆ **Group List SMS:** See page 56.
- ◆ **History:** See page 54.



Phonebook Entry

A phonebook entry includes the following items.

 : Name

     : Phone numbers

   : E-mail addresses

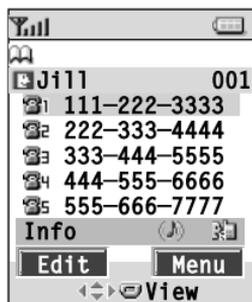
Info Icons:

 : Ringer type selected (see page 42).

 : Secret number (see page 43).

 : Voice tag registered (see page 51).

Example:



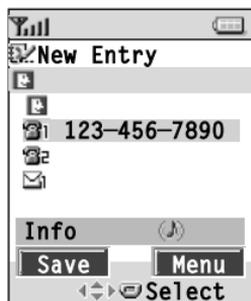
Saving Phonebook Entries

Basic Saving

To save phone numbers and e-mail addresses with a name into your phonebook:

1. To display the Phonebook Menu from the standby mode, press .
2. Select "New Entry" with  or  then press . A new phonebook entry is displayed.
3. To enter a phone number, select the icon 1 with  or  then press . Enter the phone number (up to 32 digits) then press  twice.
4. To enter a name, select the icon  then press . Enter the name (up to 36 characters), then press . See **Entering Letters and Symbols** on page 35 for details.
5. To enter an e-mail address, select the icon  then press . Enter the e-mail address (up to 48 characters), then press  twice.
6. The phonebook entry is displayed with the items entered.
7. Press the softkey under **Save** then press .

Example:



Tip: The entry is saved into the first available phonebook address.

Simple Saving

To save a phone number into your phonebook:

1. Enter a phone number in the standby mode then press .
2. The phonebook entry is displayed with the number you entered.
3. Press the softkey under **Save** then press .

Phonebook Entry Options

When the phonebook entry is displayed with items entered, the following options are available.

Changing Icons for Numbers

1. Select the phone number or the e-mail address with  and  then press the softkey under **Menu**.
2. Select “**Icon**” then press .
3. To select one of icons on the screen, move the cursor with  then press .
4. Press the softkey under **Save** then press .

Selecting Ringer Type for Numbers

To distinguish callers from each other, assign one of the ringer tones to a particular phone number.

1. Select the phone number then press the softkey under **Menu**.
 2. Select “**Ringer**” then press .
 3. Select one of the categories listed below then press .
 4. Select the ringer type then press .
 5. Press the softkey under **Save** then press .
- ◆ **Pattern 1:** Includes 9 ringer tones.
 - ◆ **Pattern 2:** Includes 9 alarm tones.
 - ◆ **Melody:** Includes 9 melodies.
 - ◆ **Download:** Includes downloaded tones. (See **Ringer Type (F32)** on page 87.)
 - ◆ **Common:** Represents one that you selected with **Ringer Type (F32)** on page 87.

Tip: Ringer types may be assigned to e-mail addresses.

Saving Numbers as Secret

In your phonebook, you can set a phone number and e-mail address to secret. A secret entry can only be accessed by entering a Security Code (see page 102).

1. Select the phone number or the e-mail address then press the softkey under **Menu**.
2. Select “**Secret**” then press .
3. Select “**On**” then press .
4. Press the softkey under **Save** then press .

Saving into a Specific Address

When saving a phonebook entry, you can select the address location with the following two ways:

- ◆ Increase or decrease the address index with  or . Occupied addresses will be skipped.
- ◆ Use keypad to directly enter the three-digit address. If you enter an occupied address, the overwrite warning will appear.

Manual Hyphenation

To insert a hyphen when you enter a phone number:

1. Press the softkey under **Menu**.
2. Select “**Manual Hyphen**” with  or  then press .

Saving Linked Numbers

Allows you to save linked numbers with pauses for link dialing.

1. Enter a phone number in the standby mode.
2. Press the softkey under **Menu**.
3. Select “**Hard Pause**” or “**2 Sec. Pause**” then press . The mark “**H**” (Hard Pause) or “**T**” (2 Sec. Pause) is inserted.
4. Enter the second number.
5. To enter more numbers, repeat steps 2 and 3.
6. Press . Press the softkey under **Save** then press .

Note: In the phonebook, you can save linked numbers up to 80 digits for the first phone number ¹, and up to 40 digits for the other phone numbers ² to ⁵.



Searching the Phonebook

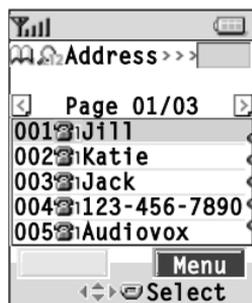
The three search modes for locating a phonebook entry include:

Address Search

Finds a phonebook entry by scrolling through the phonebook list or by entering a specific address.

1. Press , select **Address** then press . The phonebook list is displayed in the address order.
2. Press  or  to scroll pages, or enter the address then press  to jump to the address on the list.
3. Select the address with  or  then press . The phonebook entry is displayed.
4. To dial a phone number, select the number then press .

Example:



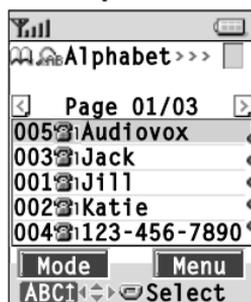
Shortcut: To find a phonebook entry, press  and enter the three-digit address (001 to 300).

Alphabet Search

Finds an entry by scrolling through the alphabetically sorted phonebook list or by entering a first letter of a name.

1. Press , select “**Alphabet**” then press . The phonebook list is displayed in alphabetical order.
2. Press  or  to scroll pages, or enter the first letter of a name and press  to jump to the first matched name.
3. Select the name with  or  then press . The phonebook entry is displayed.
4. To dial a phone number, select the number then press .

Example:



Note: This mode does not find entries marked secret.

Keyword Search

Finds a phonebook entry by entering a part of a name.

1. Press , select “**Keyword**” then press .
2. Enter a part of a name and press  to display the phonebook list that includes names with your keyword.
3. Select the name with  or  then press . The phonebook entry is displayed.
4. To dial a phone number, select the number then press .

Note: This mode does not find entries marked secret.

Dialing from the Phonebook

Search and Dial

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. When the phonebook list is displayed, select the entry then press .
3. In the phonebook entry, select the phone number then press  to dial.

Shortcut: To dial the first phone number 1 in an entry, display the phonebook list, select the entry then press .

Tip: To make a call using the speakerphone mode, press .

Quick Dialing

Allows you to dial the first phone number 1 in your phonebook addresses 001 to 009 with just one push of the key, when this feature is on.

1. Press and hold a digit key (1 to 9).
2. The number will be dialed automatically.

Note: See **Quick Dialing Setting (F14)** on page 82 to turn this feature on/off.

Speed Dialing

Allows you to dial the first phone number 1 in your phonebook addresses (001 to 099) without using .

1. Enter the one or two digits of your phonebook addresses (1 to 9 or 10 to 99).
2. Press  to dial.

Prepending Dialing

Convenient for adding an area code to a number in the phonebook.

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. In the phonebook entry, select the phone number then press .
3. Press the softkey under **Menu**. Select **Prepend Dial** then press .
4. When **Prepend Dial** screen appears, enter the digits you want to add, then press  to dial.

Link Dialing

Dialing Linked Number with Hard Pause (H)

1. Find the linked number you want to call using any of the phonebook search mode. (See **Searching the Phonebook** on page 45.)
2. Press . The first number will be dialed.
3. Press . The second linked number will be sent in tone signals.
4. Succeeding numbers can be sent sequentially by pressing  again.

Dialing Linked Number with 2 Second Pause (T)

1. Find the linked number you want to call using any of the phonebook search mode.
2. Press . The first number will be dialed.
3. With 2 second pause, the second and more linked number will automatically be sent in tone signals.



Editing the Phonebook

Editing Phonebook Entry

Phonebook contents can be modified including numbers, names and e-mail addresses.

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. In the phonebook entry, press the softkey under **Edit**. The screen turns to “**Edit**” mode.
3. Select a name, phone number or e-mail address to add or correct then press .
4. To delete a digit or character, press . Enter a new number or name then press .
5. Press the softkey under **Save** then press .

Moving Phonebook Entry

A phonebook entry can be moved to a new location, erasing the original address.

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. When the phonebook list is displayed, select the entry to be moved then press the softkey under **Menu**.
3. Select “**Move**” then press .
4. Enter a new address or press  or  to increase or decrease the address index, then press .

Note: In step 4, if you enter an occupied address, the overwrite warning will appear on the display.

Changing the Order of Numbers

Interchanges any two phone numbers in the same entry.

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. In the phonebook entry, press the softkey under **Edit**.
3. Select a phone number then press the softkey under **Menu**. Select **Replace** then press .
4. Select another phone number then press . The two numbers will be interchanged.
5. Press the softkey under **Save** then press .

Erasing Phone Numbers

To erase an individual phone number or e-mail address:

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. In the phonebook entry, press the softkey under **Edit**.
3. Select a phone number or an e-mail address to be erased then press the softkey under **Menu**. Select **Erase** then press .
4. When the confirmation prompt appears, select **Yes** then press .
5. Press the softkey under **Save** then press .

Erasing Phonebook Entry

To erase a phonebook entry that includes phone numbers and e-mail addresses with a name:

1. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
2. When the phonebook list is displayed, select the entry to be erased then press the softkey under **Menu**.
3. Select **Erase** then press .
4. When the confirmation prompt appears, select **Yes** then press .

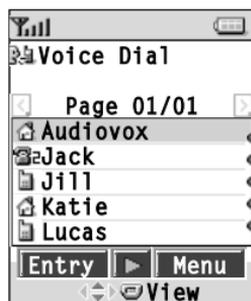
Voice Activated Dialing (VAD)

Dials a saved phone number by saying the name. Up to 100 names can be registered.

Registering Your Voice

1. Press . Select **Voice Dial** then press .
2. Press the softkey under **Entry**.
3. After you hear the voice prompt **Name please**, say the name to be registered into the microphone (up to 3 seconds). The phone will replay the recording.
4. After you hear the voice prompt **Again**, say the name repeatedly. Each time, the phone will play the recording.
5. If the registration is successful, you will hear the prompt **Entry Completed**.
6. The **Phonebook** menu appears so you can add the voice tag to a number in the phonebook.
7. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
8. In the phonebook entry, select the phone number to add the voice tag then press .
9. When the confirmation prompt appears, select **Yes** then press .

Example:



Adding the Voice Tag to a New Phonebook Entry

1. When the phonebook menu appears, select “**New Entry**” then press . Enter a phone number and name. (See **Basic Saving** on page 41.)
2. Press the softkey under **Save** then press .

- Note:**
1. Register names in your normal voice tone and in a quiet environment.
 2. For better recognition, similar sounding names should not be registered.
 3. The same person’s voice that was used to record the names must be used for dialing, otherwise the VAD feature may not work properly.

Replaying Registered Voices

1. Press . Select “**Voice Dial**” then press .
2. The Voice Dial list is displayed.
3. Select the entry then press .
4. The registered voice plays.

Dialing with Your Voice

1. Press and hold .
2. After you hear the voice prompt “**Name please**”, say the name you want to call into the microphone.
3. When the phone recognizes your voice, you will hear the prompt “**Calling**”.
4. The number will be automatically dialed.

Tip: To make a voice activated call using the speakerphone mode, press and hold .

- Note:**
1. If you hear “**Did you say ...?**”, answer “**Yes**” or “**No**”.
 2. If using this feature through a car kit option, speak slightly louder for better recognition.

Changing Registered Voices

1. Press . Select **“Voice Dial”** then press .
2. The Voice Dial list is displayed.
3. Select the entry then press the softkey under **Menu**.
4. Select **“Edit”** then press .
5. Register your voice. (See **Registering Your Voice** on page 51.)

Erasing Registered Voice

1. Press . Select **“Voice Dial”** then press .
2. The Voice Dial list is displayed.
3. Select the entry then press the softkey under **Menu**.
4. Select **“Erase”** then press .
5. When the confirmation prompt appears, select **“Yes”** then press .

Erasing All Registered Voices

1. Press . Select **“Voice Dial”** then press .
2. The Voice Dial list is displayed.
3. Press the softkey under **Menu**.
4. Select **“Erase All”** then press .
5. When the confirmation prompt appears, select **“Yes”** then press .



Call History

Call History automatically saves outgoing, incoming and missed call histories. Scratchpad memory saves numbers entered during calls.

Reviewing Call History

1. Press . Select “**History**” then press .
2. Select one of the call histories listed below then press . The call history list is displayed.
3. To view individual call information, select the call then press .

◆ **Outgoing:** Last 20 numbers dialed.

◆ **Incoming:** Last 20 numbers answered.

◆ **Missed Call:** Last 20 numbers missed.

◆ **Scratch Pad:** Last 3 numbers entered during calls.

Shortcut: Press the softkey under **Redial** in the standby mode to display the latest number in the outgoing call history.

Note: When duplicate numbers are called, only the latest call is saved in the call history.

Call History Options

When the call history list or its individual information is displayed, the following options are available.

Dialing from Call History

To dial the number, press .

Prepend Dialing from Call History

1. Press the softkey under **Menu**.
2. Select **“Prepend Dial”** then press .
3. When **“Prepend Dial”** screen appears, enter the digits you want to add, then press .

Saving Numbers into Phonebook

1. Press the softkey under **Menu**.
2. Select **“Save”** then press  to switch to the new phonebook entry. See **Basic Saving** on page 41.

Erasing a Number in Call History

1. Press the softkey under **Menu**.
2. Select **“Erase”** then press .
3. When the confirmation prompt appears, select **“Yes”** then press .

Note: Calls of **“Unavailable”**, **“Restricted”** or **“No Number”** cannot be saved in the phonebook.



Group List for SMS

Your phone provides a Group List that saves up to 10 cellular phone numbers or e-mail addresses with name. This helps you to send a text message to multiple addresses.

Editing Group List

1. Press . Select “**Group List SMS**” then press .
2. When the group list is displayed, select a new item to add or a saved item to correct, then press the softkey under **Menu**.
3. Select “**Edit**” then press . “**Edit**” screen appears.
4. To enter a name, select “**Enter Name**” then press . Enter the name then press .
5. To enter a cellular phone number or e-mail address, select “**Enter E-mail**” then press . Enter the number then press .
6. Press the softkey under **Save**. When the confirmation prompt appears, select “**Yes**” then press .

Note: To apply the group list, see *Using Your Group List* on page 63.

Copying from Phonebook

1. Press . Select “Group List SMS” then press .
2. When the group list is displayed, select a new item then press the softkey under **Menu**.
3. Select “Get Phonebook” then press . The “Phonebook” menu appears.
4. Locate the desired address using any of the phonebook search modes. (See **Searching the Phonebook** on page 45.)
5. In the phonebook entry, select the number or e-mail address to copy to the group list, then press .
6. Press the softkey under **Save**. When the confirmation prompt appears, select “Yes” then press .

Note: *The group list is saved in a separate memory from your phonebook. Any change in your phonebook does not reflect in your group list.*

Erasing a Number from Group List

1. Press . Select “**Group List SMS**” then press .
2. When the group list is displayed, select the item to be erased then press the softkey under **Menu**.
3. Select “**Erase**” then press .
4. When the confirmation prompt appears, select “**Yes**” then press .

4



VOICE MAIL AND TEXT MESSAGES

This chapter addresses how to check voice mail messages and sending and receiving text messages using the handset.

- ◆ **Messaging Features**
- ◆ **Voice Mail Messages**
- ◆ **Sending Text Messages**
- ◆ **Reviewing Sent Messages**
- ◆ **Checking Received Messages**
- ◆ **Messaging Feature Settings**

Messaging Features

Your CDM-9500 wireless handset features Two-Way Short Message Service (SMS). This feature sends and receives text messages through your phone. Voice mail notification is also supported. These services are system dependent. Please contact your service provider for details.

New Message Notification

When you have a new text message or voice mail notification, the phone alerts you in the following ways:

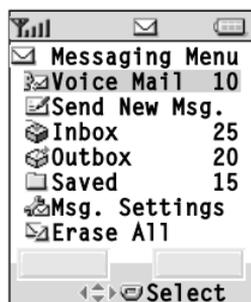
- ◆ Displaying animation on the screen.
- ◆ Sound or vibrate in the standby mode. See **Alert Settings** on page 69. While you are on a call, this alert is disabled.
- ◆ Displaying a message icon  flashing (urgent) or steady (normal) at the top of the screen.

Messaging Menu

Pressing  opens “Messaging Menu”.

- ◆ **Voice Mail:** Displays number of voice mails.
- ◆ **Send New Msg.:** Creates and sends new text messages.
- ◆ **Inbox:** Saves received text messages.
- ◆ **Outbox:** Saves sent text messages.
- ◆ **Saved:** Saves draft text messages or ones moved from Inbox or Outbox.
- ◆ **Msg. Settings:** Customizes messaging feature settings.
- ◆ **Erase All:** Erases all messages in Inbox, Outbox and Saved Folder.

Example:



Tip: The number next to the Voice Mail, Inbox, Outbox and Saved is the number of messages each contains.



Voice Mail Messages

In order to use voice mail, you must first activate your voice mailbox. Please contact your service provider for more information.

Checking Voice Mail Messages

1. Press . The number of waiting voice mail messages will be displayed next to “Voice Mail”.
2. To view detailed information, press .
3. To listen to the voice mail messages, call your voice mailbox.

One-Touch Voice Mail Dialing

Allows you to access your voice mailbox by pressing .

Saving Voice Mailbox Number

1. Enter a phone number for your voice mailbox in the standby mode.
2. To insert the mark “H” (Hard Pause), press the softkey under **Menu**. Select “Hard Pause” then press .
3. Enter an additional number such as a password.
4. Repeat steps 2 and 3, if necessary.
5. Press . Then press the softkey under **Save**. Press then .

Accessing Voice Mailbox

1. Press and hold . The first number will be dialed.
2. Press . The second number will be sent in tone signals.
3. Repeat, if necessary.

Tip: To view or edit the voice mailbox number, press then .

Sending Text Messages

You can simultaneously send a text message to up to 10 recipients.

Sending a New Message

Step 1

Press , select “Send New Msg.” then press . When “To” screen appears, enter the cellular phone number or e-mail address then press  twice.

Tip: You may recall addresses from your phonebook or group list by pressing the softkey under .



Step 2

When “TEXT” screen appears, enter your text message then press .

Tip: Text entry modes (T9, abc, Number and Symbols) are available by pressing the softkey under **Mode**. See **Entering Letters and Symbols** on page 35.



Tip: “Canned Message” and “Insert Sign” are available by pressing the softkey under **Mode**. See **Messaging Feature Settings** on page 68.

Step 3

When “SEND” screen appears, apply message options. To send the message, press the softkey under **Send**.

Note: This function is available when the phone operates in the digital mode with the icon  displayed.



Using Your Group List

1. In the “**To**” screen, press the softkey under .
2. Select “**Group List**” then press  to recall it.
3. Turn checkboxes on or off with the softkey under  or .
4. Press . The marked addresses are copied as the recipients.

Tip: To create your group list, see **Group List for SMS** on page 56.

Message Options

In the “**SEND**” screen the following menu options are available:

- ◆ **Edit Send to:** Corrects and adds the addresses.
- ◆ **Edit Text:** Corrects your message.
- ◆ **Priority:** Marks your message “**Normal**” or “**Urgent**”.
- ◆ **Insert Sign:** Inserts your signature that you set. See **Signature** on page 71.
- ◆ **Call Back #:** Turns the callback number on or off. See **Default Call Back Number** on page 68.
- ◆ **Deferred Delivery:** Specifies delivery date and time.
- ◆ **Save Message:** Saves your message to **Saved Folder** without sending it. This will exit from the message function.
- ◆ **Save Address:** Saves the address to your phonebook or your group list.
- ◆ **Save to Canned:** Saves a part of your message as a canned message.

To select an option press . Press  again to return to the “**SEND**” screen.

Tip: The **Saved Folder** saves up to 50 text messages.



Reviewing Sent Messages

The Outbox saves up to 50 sent text messages.

Reviewing Outbox Messages

1. Press , select “**Outbox**” then press . Sent messages are listed.
2. Select the desired message then press  to view.

Example:



Icons:

-  : Message **sent** to the network
-  : Message **failed** to send
-  : Message **delivered** to destination
-  : Message **canceled**
-  : Message **pending** under retry to send
-  : Message to **multiple** addresses

Outbox Options

When a message is displayed, press the softkey under **Option** to display the following menu options. To select an option, press .

- ◆ **Resend:** Resends the message to the same address.
- ◆ **Send To:** Sends the message to a new address.
- ◆ **Erase:** Erases the message.
- ◆ **Save Message:** Moves the message to **Saved Folder**.
- ◆ **Cancel Message:** Cancels a message waiting to be delivered.
- ◆ **Status Code:** Displays the time stamp and message ID.

Checking Received Messages

The Inbox saves up to 50 received text messages.

Checking Inbox Messages

1. Press , select "Inbox" then press .
Received messages are listed.
2. Select the desired message then press  to view.

Example:



Icons:

-  : **New Text** not yet viewed
-  : **Old Text** already viewed
-  : **Urgent New Text** not yet viewed
-  : **Urgent Old Text** already viewed

Tip: To dial a callback number, press  when a message is displayed.

Inbox Options

When a message is displayed, press the softkey under **Option** to display the following menu options. To select an option, press .

- ◆ **Reply:** Shifts to “**Send New Msg.**” mode to reply to the message. *This feature may not be available at all locations.*
- ◆ **Reply w/Copy:** Shifts to “**Send New Msg.**” mode to reply to the message by copying a part of it. *This feature may not be available at all locations.*
- ◆ **Forward:** Shifts to “**Send New Msg.**” mode to forward the message.
- ◆ **Erase:** Erases the message.
- ◆ **Save Address:** Saves the sender’s address and callback number into your phonebook or group list. Also saves any phone numbers and e-mail addresses contained in the message.
- ◆ **Save Canned:** Saves a part of the message as a canned message.
- ◆ **Save Message:** Moves the message to **Saved Folder**.
- ◆ **Select URL:** Selects URL (Uniform Resource Locator) contained in the received message to access the URL through the web browser.



Messaging Feature Settings

To customize the messaging features, press , select “**Msg. Settings**” then press  to display the setting menu. To select an option, press .

Save Sent Message

Select whether or not to save sent messages.

- ◆ **Auto Save:** Saves all messages in the outbox.
- ◆ **Prompt:** Prompts you to choose **Yes** or **No** for every message.
- ◆ **Do Not Save:** Saves no message.

Default Call Back Number

Turns the callback number that will be added to all outgoing text messages on or off. Your phone number has been preset as the callback number. To change the number, press the softkey under **Edit**. To turn it on or off for an individual message, see **Call Back #** on page 63.

Entry Mode

Select the text entry mode “**abc**” or “**T9**” that first appears when entering a message.

Alert Settings

Customizes alert types to distinguish types of messages received. When **Vibrating Alert (F36)** is activated, the following alert settings will be disabled.

Voice Mail Alert

Select an alert type for a new voice mail message:

- ◆ **Silent:** Does not sound nor vibrate.
- ◆ **Vibrate Once:** Vibrates once.
- ◆ **Vibrate Remind:** Vibrates once and repeats a low beep every 2 minutes.
- ◆ **Custom Tone:** Selects one of ringer tone options. See **Ringer Type (F32)** on page 87. To set the tone length and volume, see **Settings** on page 70.
- ◆ **Low beep Once:** Sounds a low beep once.
- ◆ **Low beeps:** Repeats a low beep every 2 minutes.
- ◆ **Loud beep Once:** Sounds a loud beep once.
- ◆ **Loud beeps:** Repeats a loud beep every 2 minutes.

E-mail Alert

Select an alert type for a new text message from e-mail address. Options are the same as **Voice Mail Alert**.

Note: *If the sender's e-mail address is saved in your phonebook with a particular ringer type, the phone will sound the ringer tone in place of E-mail Alert (**Custom Tone, Low beep Once, Low beeps, Loud beep Once and Loud beeps**). The tone length and volume depend on **Settings** below.*

Text Alert

Select an alert type for a new text message from cellular phone number. Options are the same as **Voice Mail Alert**.

Note: *If the sender's phone number is saved in your phonebook with a particular ringer type, the phone will sound the ringer tone in place of Text Alert (**Custom Tone, Low beep Once, Low beeps, Loud beep Once and Loud beeps**). The tone length and volume depend on **Settings** below.*

Page Alert

Select an alert type for a new numeric page. Options are the same as **Voice Mail Alert**.

Ack Alert

Select an alert type for a network message such as delivery acknowledgment. Options are the same as **Voice Mail Alert**.

Settings

Specifies Tone Length (1 to 30 seconds) and Tone Volume for the **Custom Tone**.

Auto Delete

Controls the auto delete function of the inbox memory.

- ◆ **On:** When the inbox is full, it deletes the oldest text message to save a new text message.
- ◆ **Off:** When the inbox is almost full, a warning message is displayed when you enter into “**Messaging Menu**”.

Tip: The outbox always functions in auto delete mode.

Signature

Edits signature that will be inserted at the end of message, and turns your signature on or off. To turn it on or off for an individual message, see **Insert Sign** on page 63.

Direct View

Controls the function that automatically displays new message content when received.

SMS Font Size

Selects a font size, “**Medium**” or “**Small**”, for displaying text messages.

Canned Message

Saved messages that can be recalled when entering text messages. There are two types of canned messages: preset and custom. You can edit or erase custom canned messages by pressing the softkey **Edit** or **Erase**.

List Mode

Select “**1 Line**” or “**2 Lines**” for displaying message list in the Inbox, Outbox and Saved Folder.

5



INTERNET BROWSING

This chapter addresses the convenient handset functions that enable you to access the Wireless Internet.

- ◆ **Accessing Wireless Internet**
- ◆ **Browsing Internet Websites**

Accessing Wireless Internet

The CDM-9500 wireless handset telephone can browse various Internet websites if you subscribe to Internet service with your service provider. This provides access to up-to-date information such as news, weather and stock quotes.

Starting Web Browser

To access the Internet, make sure that your phone is in the digital mode as indicated by the icon .

1. To launch the web browser from the standby mode, press the softkey under **Web**. “**Web Menu**” appears.
2. Select “**Internet**” then press .
3. When the confirmation prompt appears, press  to select “**Yes**”.

Tip: The last step will be skipped, if **Circuit Prompt** (page 78) is set to off.

Web Menu

The Web Menu provides several ways to access the Internet.

- ◆ **Internet:** Displays the web page that you last visited.
- ◆ **Bookmarks:** Displays a web page from your bookmark list.
- ◆ **Home:** Displays your home page.
- ◆ **Goto URL:** Displays the URL that you entered from keypad.
- ◆ **Alert Inbox:** Displays the web page specified by received alerts.



Closing Web Browser

1. To terminate the network connection, press .
2. To exit from the browser and return to the standby mode, press .

Accessing with Bookmark

To access the Internet through your bookmark list:

1. Press the softkey under **Web**. “Web Menu” appears.
2. Select “Bookmarks” then press .
3. Select the desired bookmark then press .

Accessing with URL

To access the Internet with the URL (Uniform Resource Locator):

1. Press the softkey under **Web**. “Web Menu” appears.
2. Select “Goto URL” then press .
3. Enter the URL and press .



Browsing Internet Websites

Once the phone is connected to the Internet, you can browse websites following these simple basics:

Browsing Keys

Softkeys

- ◆ To perform the function labeled at the bottom of the display, press the left or right softkey under the function label.

Scrolling

- ◆ To scroll a line, press  or .
- ◆ To continue scrolling lines, press and hold  or .
- ◆ To scroll a page, press and hold  or .

Selecting

- ◆ To select a menu option, press  or , then press  or press the softkey under the appropriate function label.

Returning

- ◆ To return to the previous page, press .
- ◆ To return to your home page, press and hold .

Icon:

 : Web security page

Example:



Browser Menu

To open the browser menu, press  while the browser is active. Select the desired menu action then press .

1. **Back:** Returns to the previous page.
2. **Home:** Returns to your home page.
3. **Exit:** Exits from the browser to return to the standby mode.
4. **Mark Site:** Marks a current page in your bookmark list.
5. **Bookmarks:** Displays your bookmark list.
6. **Inbox:** Displays the **Alert Inbox**.
7. **Reload:** Reloads the current page.
8. **Settings:** See **Web Browser Settings** on page 78.
9. **About...:** Displays the browser and security module versions.

Marking a Site in Bookmark List

To mark a current website in your bookmark list while browsing:

1. Press . The browser menu appears.
2. Select “**Mark Site**” then press .

Alert Inbox

When you receive a new alert from your service provider, the icon  is displayed, and the alert is saved in the Alert Inbox. This feature is system dependent.

To Check Alert Inbox:

1. Press , select “**Inbox**” then press . The received alerts are listed.
2. Select the desired alert then press . The web browser will access the web page specified by the alert.

Web Browser Settings

To customize your browser, press , select “**Settings**” then press . To select an option, press .

1. **Homepage:** Changes your home page.
2. **Proxy:** Selects the server in your service provider.
3. **Circuit Prompt:** Controls the prompt for making a connection on circuit and packet modes.
4. **Circuit Linger:** Changes the linger timer that automatically terminates a connection on circuit mode.
5. **Scroll Mode:** Selects a mode option to display a long menu item.
6. **Security:**
 - ◆ **Secure Prompt:** Controls the prompt for leaving a secure zone.
 - ◆ **Encryption:** Verifies an encryption key.
7. **Advanced:**
 - ◆ **Show URL:** Displays the URL of the current page.
 - ◆ **Restart Browser:** Clears the browser’s cache memory and restarts the browser.

Note: *Altering “Homepage” and “Proxy” settings may disable web access capability.*

6

FUNCTION SETTINGS

This chapter addresses the phone's various functions and settings.

- ◆ **Accessing Function Menu**
- ◆ **Key Settings**
- ◆ **Display Features**
- ◆ **Tone Settings**
- ◆ **Clock and Timers**
- ◆ **System Features**



Accessing Function Menu

Your phone can be customized using the various settings in the Function Menu. See Function Menu Tree on the following page for more information. You can reach the Function you want to access in two ways; Scroll and Shortcut.

By Scrolling

1. To enter the function menu from the standby mode, press .
2. Select the desired menu option with  or  then press . The submenu appears.
3. Select the desired submenu option with  or  then press . The function setting screen appears.



By Shortcut

From the standby mode, press  then enter the function number.

For example, to access **My Number (F21)**, press   .

Key Functions

- ◆ To select an option, press  or  then press .
- ◆ To return from a submenu to the main menu, press  or .
- ◆ To exit from any part of the menu, press .

Function Menu Tree

Get It Now (F#) **

Key Setting (F1)

- Phone Lock (F11) *
- Auto Lock (F12) *
- Auto Answer (F13)
- Quick Dialing (F14)
- Open to Answer (F15)

Display (F2)

- My Number (F21)
- Backlight (F22)
 - Standby (F221)
 - In Use (F222)
- Auto Hyphen (F23)
- Language (F24)
- Contrast (Sub) (F25)
- Information (F26)
- Power Save Mode (F27)
- Wallpaper (F28)
- Idle Screen (F29)

Tones (F3)

- Ring Volume (F31)
- Ringer Type (F32)
- Key Volume (F33)
- DTMF Send (F34)
- Settings (F35)
 - Key Tone Length (F351)
 - Beep Alert (F352)
 - Caller ID Alert (F353)
 - Service Alert (F354)
 - Minute Alert (F355)
 - Low Batt. Alarm (F356)
 - Voice Privacy (F357)
- Vibrator (F36)

Times (F4)

- Call Timers (F41)
- Call Absence (F42)
- Adjustment (F43)
- Alarm (F44)
- Countdown Timer (F45)

Systems (F5)

- System Mode (F51)
- Data Service (F52) ***
- Data (F53) ***
- TTY (F54) ***
- Location (F55)
- Auto Retry (F56)
- Force Analog (F57)
- NAM (F58)
 - NAM Name Tag (F581)
 - NAM Change (F582)
 - Auto NAM (F583)

Security (F6) *

- Restriction (F61) *
- Emer. Number (F62) *
- Code Number (F63) *
- Reset (F64) *
 - Timers (F641) *
 - Phonebook (F642) *
 - History (F643) *
 - Settings (F644) *
 - Get It Now (F645) *

Scheduler (F7) **

- * See Chapter 7 on page 99.
- ** See Chapter 8 on page 105.
- *** See Chapter 9 on page 113.



Key Settings

Automatic Answering (F13)

Automatically answers incoming calls after a specified duration. Convenient when the phone is installed in the hands-free car kit.

1. Press   .

2. Select the menu option then press .

◆ **** Sec.:** Activates the function with a specified duration (**). The icon  appears.

To change the duration, select it, press the softkey under **Edit**, enter a new duration (5 to 30 seconds) then press .

◆ **Off:** Cancels the function.

Quick Dialing Setting (F14)

To activate or deactivate **Quick Dialing** (page 47):

1. Press   .

2. Select “On” or “Off” then press .

Open to Answer Setting (F15)

To activate or deactivate **Open to Answer** (page 31):

1. Press   .

2. Select “On” or “Off” then press .

Display Features

My Number (F21)

Displays your wireless handset's phone number.

1. Press   . The phone number is displayed.
2. To exit, press .

Tip: *The System Identification Number of your Home cellular system (SIDH) is also displayed.*

Backlight (Standby) (F221)

Selects a backlight mode for the main and sub displays in the standby mode.

1. Press    .
 2. Select the backlight mode then press .
- ◆ **** Sec.:** Turns backlight on for a specified duration (**) when any key is pressed.
To change the duration, select it, press the softkey under **Edit**, enter a new duration (5 to 30 seconds) then press .
 - ◆ **Off:** Keeps backlight off.
 - ◆ **Always On:** Keeps backlight on if **Power Save Mode (F27)** is set to off.

Backlight (In Use) (F222)

Selects a backlight mode for the main and sub displays during a call.

1. Press    .
 2. Select "Normal" or "Always On" then press .
- ◆ **Normal:** Operates the same as **Backlight (Standby) (F221)** mode.
 - ◆ **Always On:** Keeps backlight on during a call.

Auto Hyphen (F23)

Automatically inserts a hyphen when phone numbers are entered and recalled from the phonebook.

1. Press   .
2. Select “On” or “Off” then press .

Language (F24)

Selects the language in which menus and prompts are displayed (English, Spanish, French or Portuguese).

1. Press    to display the options.
2. Select the desired language, then press .

Sub Display Contrast (F25)

Adjusts the sub display contrast.

1. Press   .
2. Adjust the contrast with  or , then press .

Information (F26)

Displays the phone’s information including the software version.

1. Press   . The following information is displayed.
2. To exit, press .

- ◆ **Version:** Software version
- ◆ **Last SID:** Last rescanned System Identification Number (SID)
- ◆ **Last NID:** Last rescanned Network Identification Number (NID)
- ◆ **PRL ID:** Preferred Roaming List (PRL) version
- ◆ **ERI ID:** Enhanced Roaming Indicator (ERI) version

Power Save Mode (F27)

Controls the power to the main and sub displays.

1. Press   .

2. Select the menu option then press .

- ◆ **** Min.:** Turns the main and sub displays off if there is no activity within a specified duration (**).

To change the duration, select it, press the softkey under **Edit**, enter a new duration (1 to 10 minutes) then press .

- ◆ **Off:** No power save mode.

Wallpaper (F28)

Selects a wallpaper image in the standby mode.

1. Press   .

2. Select “**Off**”, “**Pattern**” or “**Download**” then press .

- ◆ **Off:** No wallpaper.

- ◆ **Pattern:** Includes 8 wallpapers. Select the desired image then press .

- ◆ **Download:** Includes wallpapers downloaded with **Get It Now** (page 106). Select the desired image then press .

When the image list of **Pattern** or **Download** is displayed, you can view the image by pressing the softkey under **View**. To view the next image, press . To return to the image list, press the softkey under **List**.

Downloaded Wallpaper Options

1. When the downloaded wallpaper list is displayed, select a wallpaper then press the softkey under **Menu**.

2. Select the menu action then press .

- ◆ **Erase:** Erases the downloaded wallpaper from the data folder.

- ◆ **Detail:** Displays the title and data size.

Idle Screen Selection (F29)

Selects a screen image in the standby mode.

1. Press   .

2. Select the desired screen then press .

- ◆ **Large Digital:** Displays a large size digital clock.
- ◆ **Small Analog:** Displays a small size analog clock.
- ◆ **Calendar:** Displays a calendar of the current month.
- ◆ **Small Digital:** Displays a small size digital clock.
- ◆ **No Date&Clock:** Displays no screen image.
- ◆ **Large Analog:** Displays a large size analog clock.

When the list is displayed, you can view the image by pressing the softkey under **View**. To view the next image, press the softkey under **Next**. To return to the image list, press the softkey under **List**.

Tone Settings

Ring Volume (F31)

To adjust the ringer tone volume for incoming calls:

1. Press   .
2. Press  or  to achieve the desired sound level or Silent alert mode, then press .

Note: In Silent alert mode with the icon  displayed, the ringer tone will not sound for an incoming call. However if Automatic Answering is ON, the ringer tone will sound at the lowest available volume.

Ringer Type (F32)

To select a ringer tone pattern for incoming calls:

1. Press   .
2. Select one of the categories listed below, then press .
3. Select the desired ringer type then press .

◆ **Pattern 1:** Includes 9 ring tones.

◆ **Pattern 2:** Includes 9 alarm tones.

◆ **Melody:** Includes 9 melodies.

◆ **Download:** Includes ringer melodies downloaded with **Get It Now** (page 106).

Downloaded Melody Options

1. When the downloaded ringer melody list is displayed, select a melody then press the softkey under **Menu**.
2. Select the menu action then press .
- ◆ **Erase:** Erases the downloaded ringer melody.
- ◆ **Detail:** Displays the title and data size.

Key Volume (F33)

To adjust the key tone volume:

1. Press   .
2. Press  or  to achieve the desired sound level or Silent mode, then press .

DTMF Send (F34)

To activate/deactivate sending tone signals when you enter a number during a call:

1. Press   .
2. Select “On” or “Off” then press .

Key Tone Length (F351)

To select the tone length when a key is pressed:

1. Press    .
 2. Select “Normal” or “Short” then press .
- ◆ **Normal:** Sounds a tone as long as the key is being pressed.
 - ◆ **Short:** Sounds a short tone even if the key remains pressed.

Beep Alert (F352)

Signals an incoming call with a single beep if **Ring Volume (F31)** (page 87) is set to the Silent alert mode.

1. Press    .
2. Select “On” or “Off” then press .

Caller ID Alert (F353)

To set an audible alert when a Caller ID call is received:

1. Press    .
2. Select “On” or “Off” then press .

Service Alert (F354)

To set an audible alert when the service mode changes from Digital to Analog or vice versa:

1. Press    .
2. Select “On” or “Off” then press .

Minute Alert (F355)

When this is activated, a short beep tone sounds every minute and two beep tones every five minutes during a call.

1. Press    .
2. Select “On” or “Off” then press .

Low Battery Alarm (F356)

To set an audible alarm when the battery level is low:

1. Press    .
2. Select “On” or “Off” then press .

Voice Privacy Alert (F357)

To set an audible alert when the voice privacy service is provided and canceled:

1. Press    .
2. Select “On” or “Off” then press .

Vibrating Alert (F36)

When activated, the phone vibrates to alert you of the following events in the standby mode. The audible alerts will be muted.

- ◆ Incoming call received, even in Silent Alert or Beep Alert mode.
- ◆ New Text Message received.
- ◆ New Voice Mail Notification received.
- ◆ Caller ID Alert, if activated.
- ◆ Service Alert, if activated.
- ◆ Alarm Clock, if activated.
- ◆ Scheduler Alarm, if activated.
- ◆ Countdown Timer Alarm, if activated.

Activating/Deactivating Vibrating Alert:

1. Press   .
2. Select “On” or “Off”, then press .

The icon  appears, when activated.

Shortcut: To activate or deactivate Vibrating Alert in the standby mode, press and hold .

Note: Be sure to turn the Vibrating Alert feature off when you use the phone in the hands-free car kit accessory.



Call Timers (F41)

To help manage your calls, your phone is equipped with several Call Timers.

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

2. Call timers are displayed. Scroll to view.

3. To exit, press .

- ◆ **Last Call:** Talk time of the last call.
- ◆ **Outgoing:** Cumulative talk time of all outgoing calls.
- ◆ **All Calls:** Cumulative talk time of all incoming and outgoing calls.
- ◆ **Lifetime:** Cumulative talk time of all incoming and outgoing calls. This timer cannot be reset to zero.

Calls-in-Absence Indicator (F42)

Indicates the number of unanswered calls to your phone in the hands-free car kit. When activated, the hands-free car kit remains on even when the ignition switch is OFF. To prevent your car battery from discharging, the unit automatically turns off when the safety timer expires.

1. Press   .

2. Select the menu option then press .

- ◆ **** Hr.:** Activates the function with a specified timer duration (**). The icon  appears.

To change the timer duration, select it, press the softkey under **Edit**, enter a new duration (1 to 24 hours) then press .

- ◆ **Off:** Cancels the function.

Clock Adjustment (F43)

To display date and time in Auto or Manual mode:

1. Press   .

2. Select “**Auto**” or “**Manual**” then press .

- ◆ **Auto:** Displays the local time from the network, when operating in the digital mode with the icon .
- ◆ **Manual:** Displays the phone’s clock.

To adjust the clock, enter the time, month, day and year then press . (Press  for a.m. or  for p.m.)

Alarm Clock (F44)

Sounds an alarm everyday at a specified time.

Setting the Alarm

1. Press   . The menu options appear.
2. Select “**Notice**” then press . To set the alarm, select “**On**” then press .
3. Select “**Time**” then press . Enter the alarm time then press . (Press  for a.m. or  for p.m.)
4. To exit, press . The icon  appears.

◆ **Notice:** Sets the alarm on or off.

◆ **Time:** Sets the time of alarm.

◆ **Ring Volume:** Adjusts the alarm volume. See **Ring Volume (F31)** on page 87.

◆ **Ringer Type:** Selects a ringer type for the alarm. See **Ringer Type (F32)** on page 87.

Alarm Notification

1. At the set time, the clock will sound an alarm with animation.
2. To turn off the alarm, press  or .

Note: 1. If the phone is off, the alarm will not sound.

2. The current setting will remain, even if the phone is powered on/off.

3. The clock may not sound an alarm in Auto mode if you miss the alarm time traveling through a different time zone.

4. If you are on a call, the clock will sound a beep tone.

5. If **Vibrating Alert (F36)** (page 90) is activated, the phone will vibrate in place of alarm sound.

Countdown Timer (F45)

Sounds an alarm when the countdown timer expires.

Starting the Countdown Timer

1. Press   . The menu options appear.
2. Select “**Time**” then press . Enter the duration (1 to 99 minutes) then press . The timer will start.
3. To exit, press . The icon  appears.

- ◆ **Time:** Sets the duration.
- ◆ **Ring Volume:** Adjusts the alarm volume. See **Ring Volume (F31)** on page 87.
- ◆ **Ring Type:** Selects a ringer type for the alarm. See **Ringer Type (F32)** on page 87.

Canceling the Countdown Timer

1. Press   .
2. To stop the timer, press the softkey under **Stop**.

Countdown Notification

1. When the timer expires, the phone will sound an alarm with animation.
2. To turn off the alarm, press  or .

Note: 1. Turning the phone off cancels the countdown timer.

2. If you are on a call, the phone will sound a beep tone.

3. If **Vibrating Alert (F36)** (page 90) is activated, the phone will vibrate in place of alarm sound.



System Features

System Mode (F51)

Selects which cellular system (A or B) your phone utilizes; remembers the last A/B setting each time it is turned on and scans radio channels based on that setting. It is strongly recommended leaving the settings as programmed.

To Alter the System Selection:

1. Press  **5** **1**.
 2. Select a mode, then press .
- ◆ **Home Only:** Limits calls within your home or home affiliated areas.
 - ◆ **Automatic A:** Scans the priority systems first, and then non-priority A-systems.
 - ◆ **Automatic B:** Scans the priority systems first, and then non-priority B-systems.

GPS Location Mode (F55)

Select the location mode that the system uses to measure your location.

1. Press   .

2. Select “**Location On**” or “**911 Only**” then press .

- ◆ **Location On:** Allows the system to measure your location at any time. This is system dependent. The icon  appears.
- ◆ **911 Only:** Allows the system to measure your location during emergency calls only. The icon  appears.

Tip: *The system measures your location using GPS (Global Positioning System) signals when the phone operates in the digital mode.*

Auto Retry (F56)

Automatically retries to dial the number when the first attempt fails.

1. Press   .

2. Select “**On**” or “**Off**” then press .

Note: *To cancel dialing under retry, press .*

Force Analog (F57)

Temporarily directs the phone to use the analog mode for one incoming or outgoing call.

1. Press   .
2. Select “Yes” or “Quit” then press .

Note: The force analog mode will automatically end, if there is no call within 10 minutes or the phone is turned off.

NAM (F58)

If you frequently travel, it may be beneficial to register your phone with multiple numbers for different cities. Your phone has two Number Assignment Modules (NAMs) enabling two registrations.

NAM Name Tag (F581)

A name tag can be set for each NAM.

1. Press    .
2. Select “#1” or “#2” then press .
3. Enter your message (up to 12 characters) then press . (See **Entering Letters and Symbols** on page 35.)

NAM Change (F582)

Enables you to change the NAM being used. Do not use this feature if you do not have multiple registrations.

1. Press    .
2. Select “#1” or “#2” then press .

Auto NAM (F583)

Automatically switches to the appropriate NAM when you travel city to city.

1. Press    .
2. Select “On” or “Off” then press .

7

SECURITY FEATURES

This chapter addresses how to lock and unlock your phone, restrict calls to certain types of phone numbers, and clear your phonebook's memory.

- ◆ **Locking Your Phone**
- ◆ **Restricting Calls**
- ◆ **Security Settings**
- ◆ **Clearing the Memories**



Locking Your Phone

Phone Lock (F11)

Prevents unauthorized use of the phone.

Locking the Phone

Press  **1** **1**. The icon  will appear.

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

Unlocking the Phone

Enter the four-digit security code.

Available Functions with the Phone Locked

- ◆ Answering incoming calls and adjusting volume.
- ◆ Muting the ringer or stopping the vibration alert.
- ◆ Calling Emergency Numbers.
- ◆ Turning the phone off.

Note: *All other functions including Automatic Answering are not available while the phone is locked.*

Automatic Phone Lock (F12)

When this feature is activated, the phone automatically locks every time after it is turned on. To operate, the four-digit security code must be entered.

1. Press  **1** **2**.
2. Select "On" or "Off" then press .



Restricting Calls

Call Restriction (F61)

Imposes various kinds of restrictions on outgoing calls. Emergency numbers can be dialed even when this feature is on.

To Set Call Restriction Mode:

1. Press   .
2. Enter the four-digit security code then press .
3. Select the restriction mode then press .

- ◆ **Off:** No restrictions.
- ◆ **11 Digits:** Limits calls to numbers of 11 digits or less. No operator assisted dialing.
- ◆ **7 Digits:** Limits calls to numbers of 7 digits or less. No operator assisted dialing.
- ◆ **Operator:** No operator assisted dialing (dial "0").
- ◆  **001-009:** Limits calls to the numbers saved in the phonebook addresses 001 - 009.



Security Settings

Changing Your Emergency Numbers (F62)

To change your emergency numbers:

1. Press .
2. Enter the four-digit security code then press .
3. Select the emergency number memory location (#1, #2 or #3) that you want to change or add, then press .
4. Enter the new emergency number (up to 32 digits) then press .

Memory Location	Preset Emergency Number
# 1	911
# 2	*911
# 3	Blank

Changing Security Code (F63)

To change the security code:

1. Press .
2. Enter the four-digit security code then press .
3. The current security code is displayed.
4. Enter a new four-digit security code then press .

Note: The preset code is "1234".



Clearing the Memories

Call Timer Reset (F641)

To reset the Call Timers (Last Call, Outgoing Call and All Calls):

1. Press   .
2. Enter the four-digit security code then press .
3. Select **"Timers"** then press .
4. When the confirmation prompt appears, select **"Yes"** then press .

Phonebook All Clear (F642)

To clear all phonebook locations (001-300) and the voice mail dialing memory  including registered voice:

1. Press   .
2. Enter the four-digit security code then press .
3. Select **"Phonebook"** then press .
4. When the confirmation prompt appears, select **"Yes"** then press .

Call History All Clear (F643)

To clear the outgoing, incoming and missed call histories and scratchpad memory:

1. Press   .
2. Enter the four-digit security code then press .
3. Select **"History"** then press .
4. When the confirmation prompt appears, select **"Yes"** then press .

Function Settings Reset (F644)

To reset the function, security and message settings:

1. Press   .
2. Enter the four-digit security code then press .
3. Select “**Settings**” then press .
4. When the confirmation prompt appears, select “**Yes**” then press .

Get It Now All Clear (F645)

To erase all downloaded data from your data folder:

1. Press   .
2. Enter the four-digit security code then press .
3. Select “**Get It Now**” then press .
4. When the confirmation prompt appears, select “**Yes**” then press .

8



CONVENIENT FEATURES

This chapter addresses how to use "Get It Now" to download applications, melodies, wallpaper and more and how to use the phone's scheduler to alert you of upcoming appointments.

- ◆ **Get It Now**
- ◆ **Scheduler**

Get It Now

Your phone provides a unique feature - Get It Now - that enables you to download melody ringers, wallpapers, games and more from your network to your phone. Please contact your service provider for the availability of these services.

Starting Get It Now

1. To launch **Get It Now** from the standby mode, press  .
2. When two or more icons appear on the screen, select an application with .
3. To start the application, press .
4. To end the application, press . The phone will return to the standby mode.



Shortcut: To launch **Get It Now** from the standby mode, press and hold .

Downloading Applications

1. Press  .
2. Select “**Get It Now**” with  then press .
3. Select “**Start**” with  or  then press .
4. The phone will access your service provider’s server. Follow the prompt to download applications.
 - ◆ To select an option, press  or  then press .
 - ◆ When a prompt appears, press  to proceed or  to cancel.

Note: The downloading function is available when the phone operates in the digital mode with the icon  displayed.

Downloading Melodies/Wallpapers

Before downloading melody ringers and wallpapers, you need to download the dedicated downloader. Please contact your service provider for details.

Applying Melodies/Wallpapers

Downloaded melody ringers apply to several functions including the incoming call alert, new text message alert, alarm clock and scheduler alarm. See **Ringer Type (F32)** on page 87.

Downloaded wallpapers apply to the standby mode. See **Wallpaper (F28)** on page 85.

Checking Data Folder Memory

Downloaded melody ringers, wallpapers and applications are saved to the data folder in your phone.

To check the memory status:

1. Press  .
2. Select **"Get It Now"** with  then press .
3. Select **"Options"** with  or  then press .
4. Select **"Information"** with  or  then press . The memory status will be displayed.
5. To exit, press .

Erasing an Application

1. Press  .
2. Select **"Get It Now"** with  then press .
3. Select **"Options"** with  or  then press .
4. Select the application to be erased with  or  then press .
5. Select **"Remove"** then press .



Scheduler

Displays the calendar with events and sounds an alarm to remind you of up to 30 scheduled events.

Scheduler Outline

The scheduler displays the following three views.

Displaying Month Calendar

To display the current month's calendar, press  . To change a month, press the softkey under **Month** and enter the month and year.

- ◆ The days with events are marked blue.
- ◆ As you move the cursor with , the number of events on the day is displayed at the upper right corner of the screen.

Example:



Displaying Day Events

To display the events on a specific day, select the day on the month calendar with , then press .

Example:



Displaying All Events

To display all events in the scheduler:

1. When the month calendar is displayed, press the softkey under **Menu**.
2. Select "All Events" then press .

Saving a New Event

1. Press  **7**. In the month calendar, select the desired day with , then press .
2. Press the softkey under **Menu**. Select **"New Event"** then press . **"Edit Schedule"** screen appears.
3. Select **"From"** then press . Enter the time to start, then press .
4. Select **"To"** then press . Enter the time to finish, then press .
5. Select **"Description"** then press . Enter the text up to 32 characters, then press .
6. To set the scheduler alarm options, select **"Alarm Set"** then press . (See **Scheduler Alarm Options** on page 110.) Saving the options will return to this menu item.
7. To repeat the alarm, select **"Repeat"** then press . Select an option (**None**, **Daily**, **Weekly**, **Monthly** or **Yearly**), then press .
8. Press the softkey under **Save**.

Tip: When scheduler alarm is activated, the icon  will appear in the standby mode on the scheduled date.

Scheduler Alarm Options

When “**Alarm Set**” screen appears with the following scheduler alarm options, select the desired option then press . To save the option settings, press the softkey under **Save**. This will return to the original menu item on “**Edit Schedule**” screen.

- ◆ **Alarm Set:** Activates or deactivates the scheduler alarm. Select “**On**” or “**Off**” then press .
- ◆ **Alarm Time:** Shifts the alarm in advance for a scheduled event. Select an option (**5 Min. Before**, **30 Min. Before**, **1 Hr. Before** or **On Time**) then press .
- ◆ **Ringer Type:** Selects a ringer type for the alarm. See **Ringer Type (F32)** on page 87.
- ◆ **Ring Volume:** Adjusts the alarm volume. See **Ring Volume (F31)** on page 87.
- ◆ **Animation Type:** Provides animation for the alarm. Select an option (**Work**, **Dinner**, **Leisure**, **Business**, **Meeting** or **Anniversary**) then press .

When the image list is displayed, you can view the image by pressing the softkey under **View**. To view the next image, press . To return to the image list, press the softkey under **List**.

Scheduled Events Notification

The scheduler will remind you of the scheduled event if the alarm is activated.

1. At the specified date and time, the scheduler will sound an alarm and display your text with animation.
2. To turn off the alarm, press .

Note: 1. If the phone is off, the alarm will not sound.

2. If you are on a call, the scheduler will sound a beep tone.

3. If **Vibrating Alert (F36)** (page 90) is activated, the phone will vibrate in place of alarm sound.

Editing Events

1. Press  . In the month calendar, select the day with , then press .
2. Select the event to edit then press .
3. Edit the desired item. (See **Saving a New Event** on page 109.)
4. When completed, press the softkey under **Save**.

Erasing Events from the Calendar

1. Press  . In the month calendar, select the day then press the softkey under **Menu**.
 2. Select one of the menu actions listed below then press .
 3. When the confirmation prompt appears, select “**Yes**” then press .
- ◆ **Erase Day:** Erases all events on the day.
 - ◆ **Erase Before:** Erases all events before and on the day.
 - ◆ **Erase All:** Erases all events in the scheduler.

Erasing Events from the Event List

1. Press  . In the month calendar, select the day then press .
 2. Select the event to be erased then press the softkey under **Menu**.
 3. Select one of the menu actions listed below then press .
 4. When the confirmation prompt appears, select “**Yes**” then press .
- ◆ **Erase Event:** Erases an event.
 - ◆ **Erase Day:** Erases all events in the day.

9



DATA COMMUNICATION

This chapter addresses how to set up your phone to use as a wireless modem when connected to your PC computer.

- ◆ **Data Service Mode**
- ◆ **Operating with TTY**



Data Service Mode

Your phone will work as a wireless modem when connected to your PC computer or laptop with the optional data cable (MOK-9500) and when operating in the digital mode.

There are 2 different data settings with different speeds:

Circuit Mode: Up to 14.4 kbps

Packet Mode: Up to 144 kbps

The availability of these features and the actual data speeds depend on your service provider.

Data Service (F52)

Selects the data service mode of your phone for dial-up connection.

1. Press   .

2. Select “**Circuit**” or “**Packet**” then press .

- ◆ **Circuit:** Allows to send and receive async data or access the Internet with QNC mode.
- ◆ **Packet:** Allows to access the Internet with packet mode.

Note: 1. When you select “**Packet**” mode, **Data Mode (F53)** is automatically set to “**Off**”.

2. When your phone is working in “**Packet**” mode, you can only use .

3. The current setting will remain, even if the phone is powered on/off.

4. For additional information on connecting your phone to your PC computer or laptop, please refer to the MOK-9500 owner’s manual.

Data Mode (F53)

Sets the mode for receiving async data calls up to 14.4 kbps.

1. Press   .
2. Select “**Off**”, “**Data**” or “**Data Once**” then press .

- ◆ **Off**: Does not receive data call.
- ◆ **Data**: Receives data calls while the phone is on.
- ◆ **Data Once**: Receives one data call.

When “**Data**” or “**Data Once**” is selected, “**Data**” will appear on the display.

- Note:**
1. After receiving one data call or after 10 minutes, “**Data Once**” will automatically be reset to “**Off**”.
 2. Voice calls cannot be received when **Data** mode is set.
 3. **Data Service (F52)** is automatically set to “**Circuit**” when the **Data Mode (F53)** is set to **Data**.
 4. When your phone is working in **Data** mode, you can only use .
 5. **Data Mode (F53)** cannot be set if TTY mode is active.
 6. To send async data, the **Data Mode (F53)** setting is not necessary. **Data Service (F52)** must be set to “**Circuit**” to send async data.

Quick Reference

To Do	Data Service (F52)	Data Mode (F53)
To access Internet (Packet)	Packet	(Off)
To access Internet (QNC)	Circuit	N/A
To receive async data	(Circuit)	Data
To send async data	Circuit	N/A
To make or answer voice calls	N/A	Off



Operating with TTY

TTY Mode (F54)

Your phone is able to operate with a TTY (Teletypewriter) device in both analog and digital modes. This feature is system dependent, and may not be available in all areas.

Connecting to TTY Device

1. Turn the TTY device off.
2. Connect the TTY device to the phone at the earphone-microphone jack.

Activating/Deactivating TTY Mode

1. Press   .
2. Select "On" or "Off" then press .

"TTY" will appear on the display when activated.

Making and Answering a Call

You can make or answer calls in the same manner as ordinary calls.

Note: 1. As the TTY function depends upon the compatibility of the phone and the TTY device including the connection cable, it is not confirmed that the phone can operate with all the TTY devices.

2. Before connecting or disconnecting a cable of the TTY device to or from the phone, make sure that the power of the TTY device is turned off. Otherwise, the phone may malfunction.
3. The microphone and earpiece are automatically muted while TTY mode is active.
4. This function cannot be activated if the data mode is already active.
5. The current setting will remain, even if the phone is powered on/off.

10

SAFETY INFORMATION

- ◆ **Safety Information for Wireless Handheld Phones**
- ◆ **SAR Information**
- ◆ **Emergency Calls**
- ◆ **Operating Procedures**
- ◆ **FDA Consumer Information on Wireless Phones**



Safety Information for Wireless Handheld Phones

Read this information before using your handheld portable Cellular Telephone.

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.

FCC RF EXPOSURE INFORMATION

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, damaged antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the BC-9500 belt-clip and LB-9500 holster models, offered by Audiovox as an accessory to this phone, and found to comply with FCC RF exposure requirements. Third-party belt-clips, holsters and similar accessories should be avoided, as they have not been tested and may not comply with FCC RF exposure limits.

For more information about RF exposure, please visit the FCC website at www.fcc.gov.

PHONE OPERATION

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

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 hands-free 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 (6") 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.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

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 marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; 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 either 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.



SAR Information

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.35 W/kg and when worn on the body, as described in this user guide, is 0.64 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID CJ6DCE46036A.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://www.phonefacts.net>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.



Emergency Calls

Never rely solely upon your wireless phone for essential communications (e.g. medical emergencies), if it can be avoided, since a wireless phone requires a complex combination of radio signals, relay stations and landline networks for its operation. Consequently, emergency calls may not always be possible under all conditions on all wireless phone systems.

Your wireless phone, however, may sometimes be the only available means of communication at the scene of an accident. When making an emergency call, always give the recipient all necessary information as accurately as possible. Never terminate an emergency call until you have received clearance to do so.

FCC Enhanced 911 (E911) Rules Background

The Federal Communications Commission (FCC) requires wireless carriers to transmit specific latitude and longitude location (Automatic Location Identification = ALI) information as well as “911” calls to Public Safety Answering Points (PSAPs) to identify the location of the caller in case of emergency.

Accuracy requirement for ALI information by FCC E911 rules is within 50 meters for 67 percent of calls and within 150 meters for 95 percent of calls (FCC’s ALI Requirements).

CDM-9500’s ALI Capability

The Audiovox CDM-9500 is an ALI-capable phone equipped with the GPS (Global Positioning System: Satellite assisted location information system) receiver supporting GPS based ALI-capable network to comply with the FCC’s ALI requirements.

The network compliance with the above FCC requirements is dependent on: (a) the use of digital technology by the wireless network; (b) GPS satellite signals being able to reach the handset (such transmissions do not always work indoors, for example) ; and (c) handset signals reaching wireless “base stations” (atmospheric and environmental conditions may cause variations in handset receiving signal strength).

Also the transmission of the ALI information is subject, in part, to system constraints within the wireless network to which the E911 signal is transmitted and over which Audiovox has no control.

Finally, customers are advised that the CDM-9500’s ALI capability is to be used for E911 purposes only.



Operating Procedures

Never violate any of the following Rules and Regulations of the FCC when using your Cellular Phone. Such violations are punishable by fine, imprisonment or both.

- Never use obscene, indecent, or profane language.
- Never use your Cellular Phone to send false distress calls.
- Never wiretap or otherwise intercept a phone call, unless you have first obtained the consent of the parties participating in the call.
- Never make any anonymous calls to annoy, harass, or molest other people.
- Never charge another account without authorization, to avoid payment for service.
- Never willfully or maliciously interfere with any other radio communications.
- Never refuse to yield the line when informed that it is needed for an Emergency Call. Also, never take over a line by stating falsely that it is needed for an emergency.



What kinds of phones are the subject of this update?

The term “wireless phone” refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS” phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user’s head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person’s RF exposure decreases rapidly with increasing distance from the source. The so-called “cordless phones,” which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC’s compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA’s role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a “compatible” phone and a “compatible” hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day.

These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

For more information, please visit the FDA website at <http://www.fda.gov/cellphones/>.

11



WARRANTY

- ◆ **12 Month Limited Warranty**
- ◆ **Protect Your Warranty**

12 MONTH LIMITED WARRANTY

Audiovox Communications Corp. (the Company) warrants to the original retail purchaser of this Audiovox handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure 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 antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address

shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 905-712-9299).

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.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

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 or provinces 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 or province to province.

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(800) 465-9672

PROTECT YOUR WARRANTY

Carefully read the Limited Warranty for your cellular phone, giving special consideration to paragraph seven.

“Warranty does not apply to... any damage that has resulted from the connection to, or use of, any accessories not expressly approved by Audiovox”.

Some companies are marketing look-alike accessories that are not 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, your Warranty will not apply.

In addition, if the unit has sustained irreversible damage by reason of a non-compatible accessory, the Warranty will also be voided.

To protect your Warranty, always use compatible accessories that are approved by Audiovox and that cannot damage or interfere with the proper functioning of your cellular phone.



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QUICK REFERENCE

Turn On/Off	Press and hold 
Make a Call	Phone number, press 
End a Call	Press 
Answer a Call	Press  or any digit key
Clear Last Digit	Press 
Clear All Digit	Press and hold 
Ear/Speaker Volume	Press  or  during a call
Speakerphone	Press 
Vibrating Alert	Press and hold 
Speed Dialing	Phonebook Address (1 to 99), press 
Quick Dialing	Press and hold  to 
Voice Activated Dialing	Press and hold  , speak the name
Received Text Messages	Press  , select "Inbox"
Number of Voice Mail	Press 
Voice Mail Dialing	Press and hold 
Get It Now	Press and hold 

Get It Now	 
Phone Lock	  
Automatic Phone Lock	  
My Number	  
Backlight	  
Language	  
Power Save Mode	  
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5,506,865	5,414,796
5,109,390	5,657,420
5,511,073	5,416,797
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Memo

Memo