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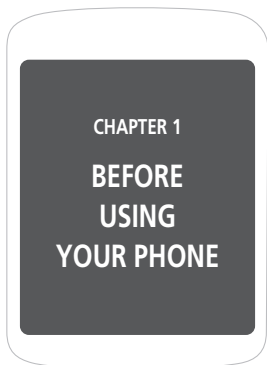
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# CHAPTER 1

## BEFORE USING YOUR PHONE



This chapter provides important information about your UTStarcom handset including:

- Package Contents
- Handset Description
- Battery Usage
- Battery Handling Information

# PACKAGE CONTENTS

This package should include all items pictured below.  
If any are missing or different, immediately contact the retailer where you purchased the phone.



**Handset**



**AC Charger**



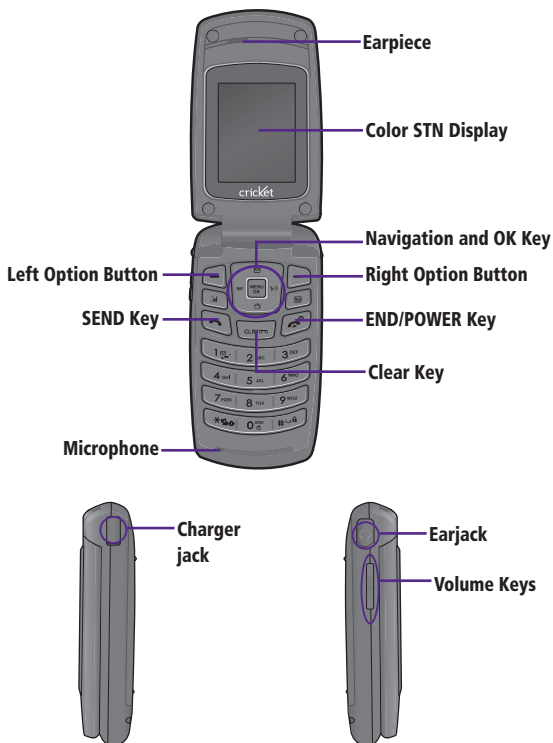
**Standard Battery**



**Manual**

# HANDSET DESCRIPTION

Your CDM7026 weighs 3.2 ounces. The dimensions are 3.5" x 1.9" x 0.8".



# HANDSET DESCRIPTION (THE FUNCTION KEYS)



## NAVIGATION KEY

**In Idle Mode:** Press for Contacts, for Schedule, for Voice Command and WAP For Cricket Clicks.

**Within a Menu:** Within a menu, use to scroll through menu or to select a function displayed on the screen.



## Send Key

Press to make or receive a call or in idle mode, press to access the All Calls list.



## End Key

Press to terminate a call or to return to idle mode. Press and hold to turn the phone on/off.



## Left Option Button

Press to access Menu or function displayed on bottom line.



## Right Option Button

Press to access the Message Menu or function displayed on bottom line.



## CLR Key

Press to clear a digit or press and hold to clear all digits from the display. Press to return to the previous page.



## Shift Key

Enters the asterisk [\*] character for calling features. In text entry mode, press to change the character input type. Press twice to display a plus sign (+) for international dialing. Press and hold to turn on/off Vibrate mode.



## Space Key

In text entry mode, press to accept the word and add a space. Press and hold to lock/unlock the phone.



## O Key

In T9 Mode, press to see other word choices.



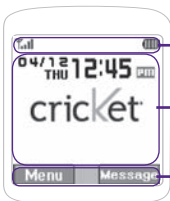
## Side Volume Key

Allows you to adjust the ringer volume in standby mode (with the flip open) or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options. Press to ignore an incoming call and mute the ringer.



# HANDSET DESCRIPTION (DISPLAY INDICATORS)

The idle mode display appears when you are not on a call or using the menu. You must be in the idle mode display to dial a phone number.



## Display Indicators

Display various icons.










## Text & Graphic area

## Soft Key Indicators

Shows the functions currently assigned to each Option Button and displays some icons.

	<b>Signal Strength</b> Current signal strength: the more lines, the stronger the signal.
	<b>Roaming</b> Phone is out of home area.
	<b>No Service</b> Indicates the phone cannot receive a signal from the system.
	<b>TTY</b> Indicates your phone is active in TTY mode.
	<b>GPS Icon</b> Indicates the Location Service of your phone is disabled/enabled.
	<b>Battery</b> Battery charging level — the more blocks, the stronger the charge.
	<b>Battery Charging</b>

# HANDSET DESCRIPTION (DISPLAY INDICATORS)

	<b>Alarm</b> Appears when either a calendar or an alarm is set.
	<b>Emergency Call</b> Blinks when an emergency call is in progress.
	<b>Vibrate Only</b> Phone will vibrate to notify you of an incoming call.
	<b>All Off</b> Indicates the ringer volume is set to off.
	<b>Silence</b> Phone is set to Silent - no sound will be made to notify you of incoming calls or messages.
	<b>Voicemail</b> Indicates you have voicemail messages.
	<b>New Messages</b> Indicates you have new text messages.
	<b>New Voice Messages</b> Indicates you have both text and voicemail messages.
	<b>Download</b> Downloading is in progress.

## BATTERY USAGE (BATTERY INSTALLATION)

1. Place the battery (label side up) on the back of the phone so the metal contacts match up on the battery and in the battery cavity.
2. Slide the battery down into the battery cavity until it locks into place.

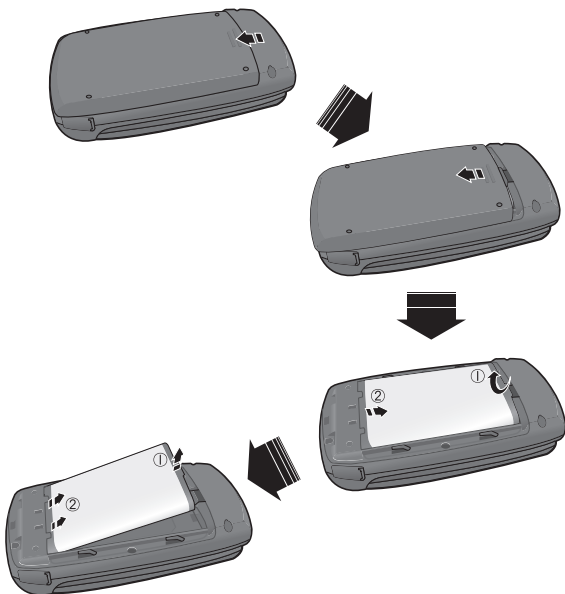


# BATTERY USAGE (BATTERY REMOVAL)

1. Push down the release latch button, then slide the battery cover off the phone.
2. Lift the battery up and out of the battery cavity from the top of the battery.

**Note**

- If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.



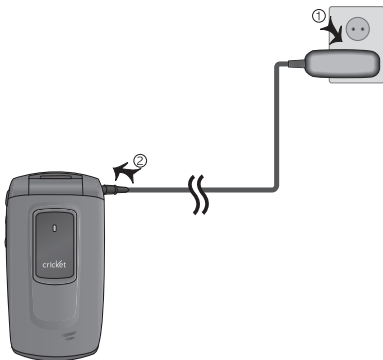
# BATTERY USAGE (BATTERY CHARGING)

## POWER CONNECTION

1. Plug the AC Charger into a standard outlet.
2. Plug the other end of the AC Charger into the charging port on your phone. The battery must be installed onto the phone to work properly.

### Hot Key

- When you charge the battery with the phone power off, you will see a charging status screen. You cannot operate the phone until it is powered on.
- The battery is not charged at the time of purchase.
- Fully charge the battery before use.
- It is more efficient to charge the battery with the handset powered off.
- The battery must be connected to the phone in order to charge it.
- Battery operating time gradually decreases over time.
- If the battery fails to perform normally, you may need to replace the battery.



# BATTERY HANDLING INFORMATION

## DO's

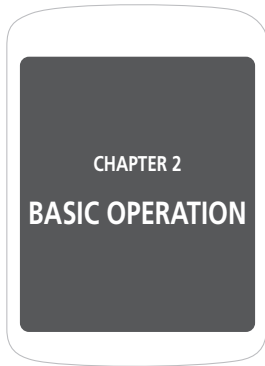
- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C ) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local laws.

## DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

# CHAPTER 2

## BASIC OPERATION



This chapter addresses and explains the basic features of your phone including:

- Turning the Phone On/Off
- Accessing the Menu
- Menu Summary
- Basic Functions
- During a Call
- Making an Emergency Call

# TURNING THE PHONE ON / OFF


## TURNING THE PHONE ON

1. Press and hold  until your "Welcome" logo appears and the tone sounds.

### Note

- If "Password" appears on the display enter your 4-digit password to unlock your phone.
- The default password is the last 4 digit of your phone number.

## TURNING THE PHONE OFF

1. Press and hold  until your "Goodbye" logo appears.









### Note

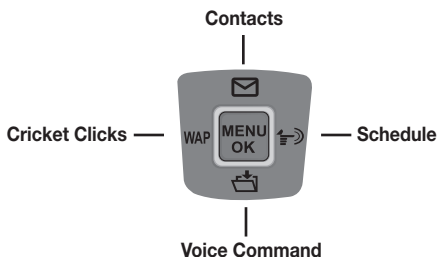
- Immediately change or recharge the battery when "LOW BATTERY!! PHONE IS TURNING OFF!" appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, unsaved data may be lost.



# ACCESSING THE MENU

Your phone can be customized via the menu. Each function can be accessed by scrolling with the  or by pressing the number that corresponds with the menu item.

1. To access the menu in the idle mode, press  [Menu].
2. Press  /  to scroll through the menu items.  
Press  /  to scroll through the submenus for each menu item.
3. To return to the previous page, press . To exit the current menu and return to the idle mode, press .
4. Press  to enter a function when its main page is displayed or press its assigned number to have direct access to the function.



# MENU SUMMARY

## 1. MESSAGING

1. New Msg
2. Inbox
3. Outbox
4. Drafts
5. Voicemail
6. Settings
  - 6.1. Notification
  - 6.2. Auto Save
  - 6.3. Auto Erase
  - 6.4. Auto View
  - 6.5. Entry Mode
  - 6.6. Callback #
  - 6.7. Voicemail #
  - 6.8. Signature
  - 6.9. Preset Msgs.

## 2. CONTACTS

1. Find
2. Create New
3. Group
4. Speed Dials
5. Service Numbers

## 3. RECENT CALLS

1. All Calls
2. Missed Calls
3. Incoming Calls
4. Outgoing Calls
5. Call Timers

## 4. CRICKET CLICKS

1. Cricket Clicks

## 5. SETTINGS

1. Sounds
  - 1.1. Ringer Type
    - 1.1.1. Ringer
    - 1.1.2. Message
    - 1.1.3. Voicemail
    - 1.1.4. Alarm
    - 1.1.5. Roam Ringer
  - 1.2. Volume
    - 1.2.1. Ringer
    - 1.2.2. Key Tone
    - 1.2.3. Speakerphone
    - 1.2.4. Headset
    - 1.2.5. Advanced
      - 1.2.5.1. Messaging
      - 1.2.5.2. Voicemail
      - 1.2.5.3. Alarms
      - 1.2.5.4. Power on/off
  - 1.3. Alerts
    - 1.3.1. Minute Beep
    - 1.3.2. Roaming
    - 1.3.3. Connect
    - 1.3.4. Fade
  - 1.4. Tone Length
2. Display
  - 2.1. Wallpaper
    - 2.1.1. Image
    - 2.1.2. Clock Format
  - 2.2. Screensaver
    - 2.2.1. Time setting
    - 2.2.2. Screensaver
  - 2.3. Backlight
    - 2.3.1. LCD
    - 2.3.2. Keypad

# MENU SUMMARY

- 2.4. Greeting
- 2.5. Contrast
- 2.6. Menu Style
- 3. Call
  - 3.1. Abbrev. Dial
  - 3.2. Contacts Match
  - 3.3. Answer Mode
  - 3.4. Auto Retry
  - 3.5. TTY Mode
  - 3.6. Speed Dial
  - 3.7. Voice Privacy
  - 3.8. Data Setting
- 4. VR Settings
  - 4.1. Choice List
  - 4.2. Train Voice
  - 4.3. Prompts
  - 4.4. Call Alert
- 5. Security
  - 5.1. Lock Phone
  - 5.2. Change Lock
  - 5.3. Limit Use
    - 5.3.1. Incoming Calls
    - 5.3.2. Outgoing Calls
  - 5.4. Erase Contacts
  - 5.5. Default Settings
  - 5.6. Reset Phone
- 6. Phone Info
  - 6.1. Phone Number
  - 6.2. Help
  - 6.3. Version
  - 6.4. Advanced
  - 6.5. ESN
- 7. Phone Settings
  - 7.1. Language
  - 7.2. Airplane Mode

- 7.3. Location
- 7.4. Set Mode

## 6. TOOLS



- 1. Voice Memo
- 2. Schedule
- 3. Alarm Clock
- 4. World Clock
- 5. Notepad
- 6. Calculator
- 7. Stopwatch
- 8. Convert Unit

# BASIC FUNCTIONS

## MAKING A CALL



1. Enter a phone number.


**Note** To modify the phone number you have entered :

- To erase one digit at a time press .
- To erase the entire number, press and hold .


2. Press .


**Note**

- If "CALL FAILED" appears on the display or the line is busy, press  or .
- If you activate the "AUTO RETRY" function, the phone will automatically retry for the number of times you have selected.
- When you place or receive a call from stored phone numbers, only the name will be displayed.
- If "Enter Lock Code" appears on the display enter your 4-digit password to unlock your phone.
- Your default password is the last 4 digits of your phone number.

3. To end a call, press .

## ANSWERING CALLS

1. When your phone rings or vibrates, press  to answer the incoming call. (Depending on your phone's settings, you may also answer incoming calls by opening the phone or by pressing any digit key. See page 58 for details.)

- To ignore incoming calls, press  [Ignore].


2. To end a call, press .

**Note**

- In Auto Answer Mode, a call is automatically answered after five seconds of ring tones.




## SPEAKERPHONE

The speakerphone feature lets you hear audio through the speaker and talk without holding the phone.

1. To activate the speakerphone while answering or calling modes, press .
2. The phone returns to normal (SpeakerPhone Off) after ending a call or when the phone is turned off and back on.

## WAIT/PAUSE FEATURE




Pauses are used for automated systems (i.e., Voicemail, calling cards). Insert a pause after a phone number then enter another group of numbers. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.

1. To insert a wait/pause, enter a phone number then press  [Options]. Select either a P-Hard Pause ("P" appears) or a T-2Sec Pause ("T" appears).
2. Press  to dial or press  [Done] to save phone number.

# BASIC FUNCTIONS

## 3-WAY CALLING

With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be applied for each of the two calls.



1. Enter a number you wish to call then press .
2. Once you have established the connection, enter the second number you wish to call then press .
3. When you're connected to the second party, press  again to begin your 3-Way call.

## CALLER ID FUNCTION

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your phone book, their name will appear. This is a system dependent feature. Please contact your service provider for details.

## CALL WAITING FUNCTION

Notifies you of an incoming call when you are already on a call by sounding a beep tone and displaying the caller's phone number.

1. To answer another call while on the phone, press . This places the first call on hold. To switch back to the first caller, press  again.

### Note

- Call Waiting is a system dependent feature. Please contact your service provider for details.

## ADJUSTING VOLUME






Adjusts the volume of the ringer, key beep and earpiece.

1. Press  [Menu] then press  for the "Settings" menu. Press  "Sounds" then press  "Volume". Select one of the following options:

- **Ringer:** Controls the ringer volume.
- **Key Tone:** Controls the keypad volume.
- **Speakerphone:** Controls the speakerphone volume.
- **Headset:** Controls the earpiece volume.
- **Advanced:** Controls the volume for Message alert, Voicemail alert, Alarms, and Power On/Off.

2. Adjust the volume by pressing  or press WAP / , then press  to save the setting.

### Note


- To adjust earpiece volume during a call, press  up or down.
- Press and hold  down to turn off all sounds.
- Press and hold  up to return to normal mode.
- In idle mode, press  up/down to adjust the master volume.
- Press and hold the  key to turn vibrate mode on/off.


# DURING A CALL

## MUTE (UNMUTE)

If you press Mute during a call, the person you are speaking with cannot hear you or any sounds from your side of the conversation.

However, you can still hear them.

To activate Mute during a call, press  [Mute].

- To deactivate, press  [Unmute].
- The phone will automatically unmute in Emergency Call or Callback Mode.

## SPEAKER ON

To activate speakerphone during a call:

1. Press , then press .

## VOICE MEMO

To record a voice memo during a call:

1. Press , then press .

## CONTACTS

To view a phone number from your Contact list during a call:

1. Press , then press .



## RECENT CALLS

To select a phone number from your Recent Calls List during a call:

1. Press  [Options], then press .

## MESSAGING

To send a text message (SMS) during a call:


1. Press  [Options], then press .

# MAKING AN EMERGENCY CALL


The 911 feature puts the phone in the Emergency Call Mode when you dial the preprogrammed emergency number, 911. It also operates in Lock Mode and outside the service area.

## 911 IN LOCK MODE

The 911 call service is available even in Lock Mode.

1. Enter "911", then press .
2. The call connects.
3. When the call ends, the phone returns to Lock Mode.

## 911 USING ANY AVAILABLE SYSTEM

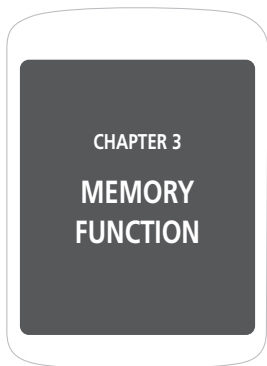
1. Enter "911", then press .
2. The call connects.
3. The phone maintains the Emergency Mode and the phone can receive an incoming call from any available system. However, it can't make a call.

**Note**

- The 911 call does not appear in the recent call list.

# CHAPTER 3

## MEMORY FUNCTION



This chapter addresses memory functions including:

Storing a Phone Number  
Entering Letters, Numbers and Symbols  
Making a Call Through the Contact List  
Contacts

# STORING A PHONE NUMBER


The phone book stores up to 500 entries.






1. Enter phone number then press [Options], then press "Save".
2. Select "Create New" or "Update Existing". If "Create New" is selected, the New Entry icon list appears. Press WAP / to choose the type of number you are adding. Press to select. If "Update Existing" is selected, your contact list is displayed. Choose the entry to add the number to, then press . Select the type of number you are adding from the icon list, then press .
3. Enter a name. To change the input mode, press [Options]. Press to enter information in other fields for the contact. Fields include Name, Mobile 1, Mobile 2, Home, Work, Fax, Email 1, Email 2, Group, Ringer, Memo.

- To select a group, scroll to Group field and press [Assign]. The group list will be displayed. Select a group and press .
- To select a ringer for the contact, scroll to the Ringer field and press [Select]. To play a highlighted ringer, press [Play]. To select the ringer, press [Done].
- To enter a note for the contact, scroll to the Memo field and enter your text. To change the input mode, press [Options].

4. To store the entry in your contact list, press [Done]. Select Yes and press . "Contact Saved" will be displayed.

# ENTERING LETTERS, NUMBERS & SYMBOLS






The input mode will automatically be activated when it is necessary to enter letters and numbers. There are 4 available modes: Standard Alphabet mode (Abc), T9 Mode (T9Word), Numeric mode (123) and Symbol mode (Symbols). The input mode indicator appears on the lower portion of the display when letters and numbers are entered. To select the desired input mode, press  [Options], then choose from the list on screen.

<b>KEY</b>			
	Press to change mode. [T9Word][Abc] [123][Symbols]	In T9 mode, press to view the next matching word if the highlighted word is not the word you intended.	Press to accept a word and add a space.
<b>KEY</b>			
	Press to delete a character to the left of the cursor.	Press to select the letter case: [Abc], [ABC], [abc] / [T9Word], [T9WORD], [T9word].	

# ENTERING LETTERS, NUMBERS & SYMBOLS

## STANDARD INPUT MODE

Use the digit keys to enter letters, numbers and characters.

1. Enter letters using the keypad. To change the input mode, press  [Options]. Standard input mode is listed as Alphabet.
2. To enter a space, press . The cursor will automatically move to the next column.
3. Press each key until the desired letter appears.
4. To delete one character, press . To delete the entire entry, press and hold .
5. To change from lowercase to uppercase, press .

### E.G.

Select Abc mode by pressing  [Options], then Alphabet.

When you select this mode, the Abc icon appears as a visual confirmation.

- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":

Press [  ]	J
Press [  ,  ,  ]	o
Press [  ,  ]	h
Press [  ,  ]	n

# ENTERING LETTERS, NUMBERS & SYMBOLS

## T9 INPUT MODE

T9 mode incorporates a built-in-dictionary to determine a word based on the entered characters. A word can be entered more quickly by pressing each key once per character.

1. Select T9 mode by pressing [Options], then selecting "Entry Mode."
2. Press a digit key once to enter the character you want then enter all the characters to input the word you want.
3. To view the next matching word, press .
4. To accept the matching word then enter a space, press .

### Note

#### To enter a compound word:

- Enter the first part of the word then press to accept it without adding a space after it.
- Enter the last part of the word then press to accept the word.

### E.G.


#### To enter "Funfare" in T9 mode:

- Press [Options] to select T9 mode.
- Press , , until you see "Fun" highlighted.
- Press to select "Fun".
- Press , , , and you will see "ease" highlighted.  
Press until you see "fare" highlighted. Press to select and add a space.

# ENTERING LETTERS, NUMBERS & SYMBOLS




## NUMERIC MODE

Allows you to enter numbers.

1. Press  [Options] and select "123" for Numeric mode.
2. To enter a number, press its digit key.

## SYMBOL MODE







Allows you to enter symbols.

1. Press  [Options] and select "Symbol" for Symbol mode.
2. Select the symbol you want to enter with the , then press  .



# MAKING A CALL THROUGH THE CONTACT LIST

## ONE-TOUCH/TWO-TOUCH DIALING

Ideal for frequently dialed numbers, this feature allows entries in your contact list to be dialed via the keypad with only one or two key presses. In order for One-Touch/Two-Touch Dialing to properly work, it must be enabled. To activate this function, press  [Menu],  5,  3,  6, then select On or Off using the . Press  [Done].


### ONE-TOUCH DIALING

2-9: Press and hold the corresponding memory number for more than 1 second.

### TWO-TOUCH DIALING

10-99: Press and first digit and second digits of the memory number short and long respectively.

#### Note






- If no phone number is stored in the location entered, "Location is empty" will appear on the screen.
- If One Touch Dial is set to Off:  
Enter the speed dial location number then press .
- Location 1 is reserved for voicemail.  
Location 2-99 are unassigned.  
To assign a speed dial location, please see page 37.

# CONTACTS

Stores up to 500 entries, each of which can be assigned to a group. Entries can be retrieved by name or group.

## CREATE NEW

Adds a new entry.

1. Press  [Menu], then press  "Contacts", then  "Create New".
2. Fill in the fields as they are selected. Press  /  to select a field.

• **PHONE BOOK FIELDS:** Name/Mobile1/Mobile2/Home/Work/Fax/  
E-Mail1/E-Mail2/Group/Ringer/Memo.


3. To save the entry, press  [Done]. To return to the previous page, press .












### Note

- If no name is saved for the contact, the primary phone number will be displayed in the contact list.

See page 28 for more detailed information about storing a number.

## FIND





Retrieves an entry by name and calls the primary number by simply pressing . You can review all the entries stored in your contacts list or quickly find an entry by entering a name or its character string.

1. Press  [Menu], then press  "Contacts", then  "Find".
2. The list of names in your contacts is displayed alphabetically.
3. Enter a name or its character string or scroll through the list by pressing  / .
4. To edit the entry, press  [Edit]. Press  [Options] to "Create New", "Send Message", "Call" or "Erase".
5. To show the entry details, press . From the View Contacts screen press  [Options] to "Send Message", "Call", or "Erase".
6. To call the selected number, press  [Options] then select "Call" or press .



## GROUPS

Allows you to classify phone entries into groups. Existing groups include No Group, Family, Friends, Work. A maximum of 30 groups is allowed.







### ADD NEW GROUP

1. Press  [Menu], then press  "Contacts", then  "Groups".
2. Press  [Add] to add a new group name.
3. Input a new group name.










# CONTACTS

4. To save it, press  [Done].
5. From the group list, press  [Options] to "Rename", "Change Ringer", or "Erase".







## CHANGE GROUP NAME

1. Press  [Menu], then press  "Contacts", then  "Groups".
2. Select an existing group name. The only group name that cannot be changed is No Group.
3. Press  [Options], then scroll to Rename and press  .
4. Input a new group name.
5. Press  [Done] to save the setting.

## SEND TEXT MSG. GROUP

1. Press  [Menu], then press  "Contacts", then  "Groups".
2. Select an existing group name that has phone numbers saved to it.
3. Press  [Options], then scroll to "Send Message" and press  .
4. Input your message. To add a graphic, sound or to use a preset message, press  [Options] and select Add.
5. To send the message, press  [Send].  
To save the message, press  [Options], select "Save As Draft", then press  .

## ERASE GROUP





1. Press  [Menu], then press  "Contacts", then  "Groups".
2. Select an existing group name.
3. Press  [Options], then scroll to Erase and press .
4. "Erase?" will be displayed. Select Yes and press  to erase the group.

## SPEED DIALS

In idle mode, calls can be placed to numbers stored in speed dial by pressing & holding the location number on the key pad. For a 2-digit location number, press the first number, then press and hold the second number.

### Note

- Speed Dial must be activated. See page 59 for additional information.



1. Press  [Menu], then press  "Contacts", then  "Speed Dial".
2. To assign a phone number to a location, select the location then press  [Assign].

### Note

- "Unassigned" appears if the location is available.






3. Scroll to the contact in the list.

# CONTACTS

4. If more than one number exists for the contact, press **WAP** /  to select the phone number for the speed dial location. The numbers will be displayed above the contact list.
5. Press  [Assign] to set the speed dial location.

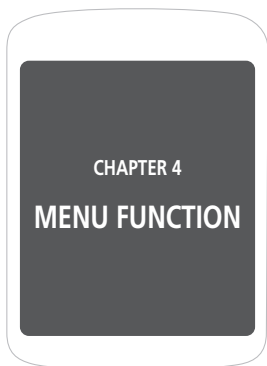
## SERVICE NUMBERS

Your Contacts list is preprogrammed with contact numbers for various services.

1. Press  [Menu], then press  "CONTACTS".
2. Press  "Service Numbers".
3. Select number then press .
4. Press  to call.

# CHAPTER 4

## MENU FUNCTION







This chapter addresses accessing the menu and using its functions and features to customize your phone.

Recent Calls  
Settings

# RECENT CALLS


## ALL CALLS

Displays information about the most recent received, dialed and missed calls.

1. Press  [Menu], then press  for the "Recent Calls" menu. Press  "All Calls". If the number is already stored in your contact list, only the name appears. If the number is not stored, the number appears.
2. To view details, press .

### Note

- Call details include type of call, date, time and phone number.

3. Press  [Options] and select "Save" to save it to your contact list or select "Erase" to delete it.


- **Save:** To store the phone number in your contact list.
- **Send Msg.:** To send a message to the highlighted phone number.
- **Details:** To view the caller's information.
- **Lock/Unlock:** To lock or unlock the highlighted phone number.
- **Erase:** To erase the highlighted phone number.
- **Erase All:** To erase all the phone numbers in the list.





### Note

- After the 270th received, dialed or missed calls, the oldest call will automatically be erased from the history.



## MISSED CALLS

Displays information about the 90 most recent missed calls.  
Place a call to a missed call number by simply pressing .

1. Press  [Menu], then press  for the "Recent Calls" menu. Press  "Missed Calls". If the number is already stored in your contact list, only the name appears. If the number is not stored, the phone number appears.
2. To view missed call details, press .

### Note

- Call details include date, time and phone number.

3. Press  [Options] and select "Save" to save it to your contact list or select "Erase" to delete it.

- **Send Msg.:** To send a message to the highlighted phone number.
- **Details:** To view the caller's information.
- **Lock/Unlock:** To lock or unlock the highlighted phone number.
- **Erase:** To erase the highlighted phone number.
- **Erase All:** To erase all the phone numbers in the list.


### Note





- After 90 missed calls, the oldest call will be automatically erased from the history.

# RECENT CALLS

## INCOMING CALLS


Displays information about the 90 most recently received calls.

Place a call to an incoming call number by simply pressing .

1. Press  [Menu], then press  for the "Recent Calls" menu. Press  "Incoming calls". If the number is already stored in your contact list, only the name appears. If the number is not stored, the number appears.
2. To view incoming call details, press .

### Note

- Call details include date, time and phone number.


3. Press  [Options] and select "Save" to save it to your contact list or select "Erase" to delete it.





- **Send Msg.:** To send a message to the highlighted phone number.
- **Details:** To view the caller's information.
- **Lock/Unlock:** To lock or unlock the highlighted phone number.
- **Erase:** To erase the highlighted phone number.
- **Erase All:** To erase all the phone numbers in the list.

### Note

- After 90 incoming calls, the oldest call will automatically be erased from the history.

## OUTGOING CALLS

Displays information about the 90 most recently dialed numbers. Place a call to a outgoing call by simply pressing .

1. Press  [Menu], then press  for the "Recent Calls" menu. Press  "Outgoing Calls". If the number is already stored in your contact list, only the name appears. If the number is not stored, the number appears.
2. To view dialed call details, press .

### Note

- Call details include type of call, date, time and phone number.

3. Press  [Options] and select "Save" to save it to your contact list or select "Erase" to delete it.

- **Send Msg.:** To send a message to the highlighted phone number.
- **Details:** To view the caller's information.
- **Lock/Unlock:** To lock or unlock the highlighted phone number.
- **Erase:** To erase the highlighted phone number.
- **Erase All:** To erase all the phone numbers in the list.









### Note

- After 90 dialed calls, the oldest call will automatically be erased from the history.

# RECENT CALLS

## CALL TIMERS

Checks the usage time and manages your calls within the limit you set. The 11 timers include (Last Call, All Calls, Incoming Calls, Outgoing Calls, Roaming Calls, Transmit KB, Received KB, Total KB, Last Reset, Lifetime Calls, Lifetime Data Counter):

1. Press  [Menu], then press  for the "Recent Calls" menu. Press  "Call Timers".
2. To reset the selected timer, press  [Options], then select "Reset". "Reset?" will be displayed. Select Yes and press . To reset all timers, press  [Options], then select "Reset All". "Reset All?" will be displayed. Select Yes and press .
3. To return to the previous page, press .








Customizes your phone and optimizes performance through a variety of settings.


## SOUND SETTINGS

### RINGER TYPE

#### Ringer

To select a ringer type for incoming calls:

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Ringer Type" then press  "Ringer".
3. Select your desired ringer type by pressing  / .








• Press  [Play] to play/stop the ringer.


4. Press  [Done] to save the setting.


# SETTINGS

## Messages

This setting allows you to select the alert type for text messages.








1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Ringer Type" then press  "Messages".
3. Select your desired alert type by pressing  / .


• Press  [Play] to play/stop the alert beep.


4. Press  [Done] to save the setting.

## Voicemail








This setting allows you to select the alert type for voicemail messages.


1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Ringer Type" then press  "Voicemail".
3. Select your desired alert type by pressing  / .

• Press  [Play] to play/stop the alert beep.

4. Press  [Done] to save the setting.







## Alarm

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Ringer Type" then press  "Alarm".
3. Select your desired ringer type by pressing  / .

• Press  [Play] to play/stop the ringer.

4. Press  [Done] to save the setting.

## Roam Ringer







1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Ringer Type" then press  "Roam Ringer".
3. Select "Normal" or "Distinctive".
4. Press  [Done] to save the setting.

# SETTINGS

## VOLUME

### Ringer

To adjust Ringer volume:







1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Volume" then press  "Ringer".
3. Select one of the following settings by pressing WAP / .

• Silence All, Ringer Off, Vibrate, Level 1~5

4. Press  [Done] to save the setting.

### Key Tone

To adjust Key tone volume:

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Volume" then press  "Key Tone".
3. Select one of the following settings by pressing WAP / .







• Silence All, Level 1~5

4. Press  [Done] to save the setting.




## Speakerphone

To adjust Speakerphone volume:







1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Volume" then press  "Speakerphone".
3. Select one of the following settings by pressing WAP / .

• Level 1~5


4. Press  [Done] to save the setting.

## Headset

To adjust Headset volume:







1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Volume" then press  "Headset".
3. Select one of the following settings by pressing WAP / .

• Level 1~5

4. Press  [Done] to save the setting.

# SETTINGS


## Advanced

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Volume" then press  "Advanced".
3. Select one of the following settings by pressing WAP /  .

- Messaging
- Voicemail
- Alarms
- Power On/Off

4. Press  to highlight volume section. Then press WAP /  to adjust the volume level.







- Use Ringer
- Separate

5. Press  [Done] to save the setting.

## ALERTS







### Minute Beep

Sounds an alert every minute during a call.

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Alerts" then press  "Minute Beep".
3. Select "On" or "Off", then press  [Done] to save the setting.

### Roaming







Sounds an alert when leaving a service area and entering a roaming service area.

1. Press  [Menu], then press  for the "Settings" menu.
2. Press  "Sounds", and  "Alerts" then press  "Roaming".
3. Select "On" or "Off", then press  [Done] to save the setting.







# SETTINGS

## **Connect**






Notifies you that a call has been successfully placed.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Sounds", and  "Alerts", then press  "Connect".
2. Select "On" or "Off", then press  [Done] to save the setting.

## **Fade**

1. Press  [Menu], then press  for the "Settings" menu. Press  "Sounds", and  "Alerts", then press  "Fade".
2. Select "On" or "Off", then press  [Done] to save the setting.

## **tone LENGTH**








1. Press  [Menu], then press  for the "Settings" menu. Press  "Sounds", and  "Tone Length".
2. Select "Normal" or "Long", then press  [Done] to save the setting.

## DISPLAY SETTINGS






Allows you to customize the display.


### WALLPAPER

#### Image

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Wallpaper" and then  "Image".
2. Select 1. Preset Image, 2. Download Image, or 3. EMS Image. A list of images for the submenu will be shown. Press  [View] to view the image full screen.
3. Press  [Done] to save the image as your wallpaper.

#### Clock Format






1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Wallpaper" and then  "Clock Format".
2. The following options appear:
 

- Digital Clock, Analog Clock, Dual Time Clock, Calendar
3. Press  [Done] to save the setting.


# SETTINGS

## SCREENSAVER









### Time setting

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Screensaver" and then  "Time Setting".
2. Select one of the following options:

• Off, 5sec, 10sec, 20sec, 30sec

3. Press  [Done] to save the time setting.






### Screensaver

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Screensaver" and then  "Screensaver".
2. Select "On" or "Off" and press  [Done].  
If "On" is selected, choose one of the pre-installed images.  
Press  [View] to view the image full screen.
3. Press  [Done] to save the image as your screensaver.


## BACKLIGHT

Backlights the display and key pad for easy viewing in dark places.






### LCD

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display",  "Backlight", and then press  "LCD".
2. Select one of the following options:

• 7sec, 15sec, 30sec, Always On, Always Off

3. Press  [Done] to save the setting.

### Keypad

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display",  "Backlight", and then press  "Keypad".
2. Select one of the following options:







• 7sec, 15sec, 30sec, Always On, Always Off

3. Press  [Done] to save the setting.

# SETTINGS





## GREETING


The greeting can be up to 16 characters and is displayed on your phone's screen in idle mode.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Greeting".
2. Enter your greeting. To change the input mode, press  [Options].
3. Press  [Done] to save the Greeting.

## CONTRAST

To adjust the display contrast:






1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Contrast".
2. Select one of the following options:  

- Level 0 - Level 5
3. Press  [Done] to save the setting.



## MENU STYLE







To select how the Menu appears on your phone:


1. Press  [Menu], then press  for the "Settings" menu. Press  "Display", then  "Menu Style".
2. Select "Graphic" or "List".
3. Press  [Done] to save the menu style.

## CALL

### ABBREV. DIAL

This function allows you to dial just the last 4 digits of the phone number, instead of all the digits. If you have several phone numbers that start with the same digits, you can enter the beginning numbers here so when you dial the phone, all you enter is the last 4 digits.






1. Press  [Menu], then press  for the "Settings" menu. Press  "Call", then  "Abbrev. Dial".
2. Select "Disable" or "Enable", then press  [Done] to save the setting.
3. If Enable is selected, a blank screen will appear. Enter the digits that are common to several phone numbers you dial and press  [Done].

- You have 5 numbers you dial often that all begin with (516) 123. In the blank screen that appears when you select "Enable", type in 516123.
- When you need to dial (516) 123-6652, simply press 6652  . Your phone will show it is dialing (516) 123-6652.

# SETTINGS





## CONTACTS MATCH





This function will match your abbreviated dialed number with an entry from your phone's contact list. So when you dial the 4 digits, your phone will show the name of the contact you are dialing as well as the phone number.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Call", then  "Contacts Match".
2. Select "Disable" or "Enable", then press  [Done] to save the setting.

## ANSWER MODE

To select an answer mode:

1. Press  [Menu], then press  for the "Settings" menu. Press  "Call", then  "Answer Mode".
2. Select one of the following options:

- **Talk Key:** Answers an incoming call by pressing  only.
- **Any Key:** Answers an incoming call by pressing any key except , , or .
- **Folder Open:** Answers an incoming calls by simply opening the phone.

3. Press  [Done] to save the setting.

## AUTO RETRY

Automatically redials a call up to 5 times after a set time interval.

1. Press [Menu], then press for the "Settings" menu. Press "Call", then "Auto Retry".
2. Select "On" or "Off", then press [Done] to save the setting.

## TTY MODE

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

1. Press [Menu], then press for the "Settings" menu. Press "Call", then "TTY Mode".
2. Select one of the following options:

- TTY + Full
- TTY + Talk
- TTY + Hear
- TTY Off

3. Press [Done] to save the setting.

## SPEED DIAL






Enables you to dial numbers in your speed dial list by pressing and holding the 1 or 2 digit location number.

1. Press [Menu], then press for the "Settings" menu. Press "Call", then "Speed Dial".
2. Select "On" or "Off", then press [Done] to save the setting.

# SETTINGS

## VOICE PRIVACY






Enhances voice privacy and avoids tapping during a call.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Call", then  "Voice Privacy".
2. Select "On" or "Off", then press  [Done] to save the setting.

## VR SETTINGS





### CHOICE LIST

The "Choice List" option will allow you to choose if the Command System prompts you with a list of potential matches. "On" will always present you with a best match list of names or numbers. When multiple matches are found, the system will prompt you to choose from a list of matches. If the Choice List is set to "Off", the voice command system will select the best match.


1. Press  [Menu], then press  for the "Settings" menu. Press  "VR Settings".
2. Press  "Choice List".
3. Select "Automatic", "On" or "Off".
4. Press  [Done] to save it.

### TRAIN VOICE

Train Voice is the process of optimizing the voice recognition software to your voice. Train Voice requires that you make recordings of your voice, which are then used to customize the voice recognition system. This will take a few minutes and you should be in a quiet environment for optimum training.





1. Press  [Menu], then press  for the "Settings" menu. Press  "VR Settings".
2. Press  "Train Voice".

# SETTINGS

3. Select "Train Words" or "Train Digits". You will be prompted to speak the words listed on the screen. Say each word as you are prompted.
4. Press  [Stop] to stop train voice.

## PROMPT

The prompts settings, "Mode" or "Timeout", will allow you to set how you are notified by the voice command system and the duration in which you can respond. To access "Prompts:"

1. Press  [Menu], then press  for the "Settings" menu. Press  "VR Settings".
2. Press  "Prompt".
3. Select "Mode" or "Timeout".



- **Mode:** Select "Prompt" or "Tones Only".
- **Timeout:** Select "5 sec" or "10 sec".

4. Press  [Done] to save it.

## CALL ALERT

The "Call Alert" setting controls how you are notified when receiving a call. "Name + Ring" will first announce the name and then play the set ring tone. "Ring only" will play the set ring tone only. "Name Repeat" continuously states the name or number until the call is answered or incoming call alert ends.

1. Press  [Menu], then press  for the "Settings" menu. Press  "VR Settings".

2. Press  "Call Alert".
3. Select "Ring Only", "Name+Ring" or "Name Repeat".
4. Press  [Done] to save it.

## SECURITY SETTINGS



Prevents unauthorized use of your phone. The following settings can be restricted:

### LOCK PHONE

Prevents the phone from being used without entering the password first.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Security". Enter your password.

- The default Lock code is the last 4 digit of your phone number.

2. Press  "Lock Phone".
3. Select "Lock", "Unlock", and "Power Up". When the phone is locked,  will appear in the top row of the display.

- **Lock:** Lock the phone now.
- **Power Up:** Do not lock the phone now, but automatically lock when power is recycled.
- **Unlock:** Do not lock the phone.

4. Press  [Done] to save the setting.

# SETTINGS

## CHANGE LOCK

Changes your 4-digit password.

1. Press **[Menu]**, then press **5** for the "Settings" menu. Press **5** "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.

2. Press **2** "Change Lock".
3. Enter your lock code.
4. "Enter New Lock Code" screen appears. Enter your new lock code.
5. "Enter New Lock Code Again" screen appears. Enter your new lock code again, then press **[Done]** to save the setting.

## LIMIT USE

### Incoming Calls

1. Press **[Menu]**, then press **5** for the "Settings" menu. Press **5** "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.




2. Press **3** "Limit Use", then **1** "Incoming Calls".
3. Select "Allow" or "Restricted", then press **[Done]** to save the setting.



## Outgoing Calls

1. Press  [Menu], then press  for the "Settings" menu. Press  "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.



2. Press  "Limit Use", then  "Outgoing Calls".
3. Select "Allow" or "Restricted", then press  [Done] to save the setting.

## **ERASE CONTACTS**

To erase all the names and phone numbers in your internal contact list:

1. Press  [Menu], then press  for the "Settings" menu. Press  "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.

2. Press  "Erase Contacts".
3. Select "Yes" or "No", then press  [Done].




# SETTINGS

## DEFAULT SETTINGS

Preference setting will be set to factory defaults.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.




2. Press  "Default Settings".
3. "Preference setting will be set to factory defaults" will be shown. Press  [Next].
4. Select "Yes" or "No", then press  [Done].

## RESET PHONE

All saved contents and preference setting will be reset to factory defaults.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Security". Enter your password.

• The default Lock code is the last 4 digit of your phone number.






2. Press  "Reset Phone".
3. "All saved contents and preference setting will be set to factory defaults" will be shown. Press  [Next].
4. Select "Yes" or "No", then press  [Done].

## PHONE INFO






Displays the information of your phone:

### PHONE NUMBER

Displays your MDN and MIN.






1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Info", then press  "Phone Number".
2. The MDN and MIN will be displayed along with your service provider's name.
3. To return to the previous page, press  .

### HELP

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Info", then press  "Help".
2. The indicator icons are displayed.
3. To return to the previous page, press  .






### VERSION

Displays the PRL, SW Version, HW version:






1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Info", then press  "Help".
2. The PRL, software and hardware version information is displayed.
3. To return to the previous page, press  .

# SETTINGS

## ADVANCED

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Info", then press  "Advanced".
2. The SID, Channel, Technology and Frequency information is displayed.
3. To return to the previous page, press .






## ESN

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Info", then press  "ESN".
2. The Hex and Dec information is displayed.
3. To return to the previous page, press .

## PHONE SETTINGS






### LANGUAGE

Selects the language in which letters are displayed on the screen.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Settings", then  "Language".
2. Select "English" or "Spanish".
3. Press  [Done] to save the language setting.

### AIRPLANE MODE

Airplane Mode deactivates the wireless connectivity of your phone but allows you to continue using non-network functions like the Calendar and games.

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Settings", then  "Airplane Mode".
2. Select "On", "Off" or "Power Up", then press  [Done] to save the setting.





#### Note

- You cannot make or receive calls or text messages when Airplane Mode is On.


# SETTINGS

## LOCATION

To set the location function:

1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Settings", then  "Location".
2. Select "Location On" or "E911 Only".

- **Location On:** Your location is now available to the network.
- **E911 Only:** Your location will be hidden from network & application except 911.





3. Press  [Done] to save the setting.

### Note

- If you have set Lock Mode for Location to "Lock", you will need to enter your location lock code before you can enter this menu. The default value is the last 4-digits number of the phone number.

## SET MODE

To set the mode function:

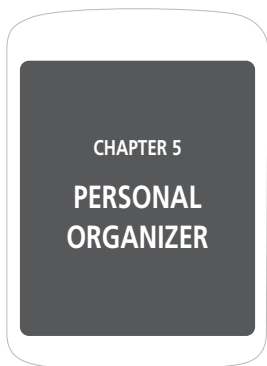
1. Press  [Menu], then press  for the "Settings" menu. Press  "Phone Settings", then  "Set Mode".
2. Select "Home Only", "Automatic A", or "Automatic B."

- **Home Only:** Only within your home area or home affiliated area.
- **Automatic A:** Scan the radio channels based on the Automatic A setting.
- **Automatic B:** Scan the radio channels based on the Automatic B setting.

3. Press  [Done] to save the setting.

# CHAPTER 5









## PERSONAL ORGANIZER



This section shows you how to use these features to turn your phone into a time management planner that helps you keep up with your contacts, schedules and appointments.

## VOICE MEMO

Voice Memo allows you to record a reminder message that can be up to 60 seconds. To record a memo:

1. Press  [Menu], then press  for the "Tools" menu. Press  "Voice Memo".
2. To record a voice memo, select "1. Record New" and press  [Record].
3. You will see "Press Start to start recording" on the screen. Press  [Start] to begin recording your memo.
4. To stop recording a voice memo, press  [Stop]. Stopping the recording will automatically save the entry. The list is sorted by the date of the recording.
5. To play voice memo, select the voice tag you want to play then press  [Play]. To erase one or all voice memos, press  [Options] to select one of the following options:

- Erase
- Erase All










## SCHEDULE

Sets an event and reminds you of that event.





### ADD NEW CALENDAR









1. Press [Menu], then press for the "Tools" menu. Press "Schedule".
2. Press / / or to choose a date in the calendar, then press [Add].
3. The New Event screen will be displayed. Enter the event name. Press to move to the next fields. In the Start Time field and End Time field, enter the time. Press for AM or PM. In the Start Date field and the End Date field, you can edit the date for the event. In the Contents field, enter any notes for the event. In the Notice field, enter when the alert should sound for the event (On Time, before 10 min, before 20 min, before 30 min). In the Snooze field, set the snooze time (5 min, 10 min, 15 min, 20 min). In the Ringer field, press [Change] to select a ringer for the event. Press [Done] when the ringer is selected.
4. Press [Done] to save the event or to return to the calendar.
5. The date of the event will be marked on your calendar.

## VIEW ADDED CALENDAR

1. Press  [Menu], then press  for the "Tools" menu. Press  "Schedule".
2. Scroll to a date in the calendar and press  to view the event for that day.
3. Press  [Options] to erase one event or all events in the calendar. "Erase?" and "Erase All?" will be displayed. Select "Yes", then press  . Press  [View] to see the details for the event and to edit or erase the event.





## ALARM CLOCK

1. Press  [Menu], then press  for the "Tools" menu. Press  "Alarm Clock".
2. Select Alarm 1, 2 or 3 to set a new alarm. To edit an existing alarm, select the alarm name. Press  [Set].


- **Set:** Press  /  to select alarm on or off.
- **Time:** Use the keypad to set a time for the alarm and  to select "AM" or "PM".
- **Repeat:** Press  /  to select Daily/Once/Mon - Fri/Sat & Sun.
- **Snooze:** Press  /  to select 5Min/10Min/15Min/20Min.
- **Ringer Type:** Press  [Change] to select a ringtone for the alarm sound.

3. To save an alarm setting press  [Done].

## WORLD CLOCK

1. Press  [Menu], then press  for the "Tools" menu. Press  "World Clock".
2. The world map appears with the city, its date and time. Use the  to select another city.

### Note






- Press  [Options] for 1. DST On or 2. Set Dual Time. DST stands for Daylight Savings Time.

## NOTEPAD

Your phone includes an internal notepad that can be used to compose and store reminders and notes.










### ADD NEW MEMO

To compose a memo (there is an 80-letter limit):

1. Press  [Menu], then press  for the "Tools" menu. Press  "Notepad".
2. To add a new memo, press  [Add]. Input a new text memo.
3. To save memo, press  [Done].




### VIEW MEMO









To view a saved memo:



1. Press  [Menu], then press  for the "Tools" menu. Press  "Notepad".
2. The Notepad list of memos is displayed in the order they were saved. To add a new memo, press  [Add]. Highlight a memo and press  [Options] to 1. Edit, 2. Erase, or 3. Erase All.
3. To view a memo, highlight it and press  . Press  [Erase] to erase the memo or press  [Edit] to edit the text, then press  [Done] to save the changes.

## CALCULATOR

To access the calculator:




1. Press  [Menu], then press  for the "Tools" menu. Press  "Calculator".
2. Enter the number using your keypad and perform one of the following functions:








- Press  for Multiplication ( $\times$ ).
- Press  for Division ( $\div$ ).
- Press  for Subtraction ( $-$ ).
- Press  for Addition ( $+$ ).
- Press  for a decimal point.
- Press  for change the displayed number from positive ( $+$ ) to negative ( $-$ ) and vice versa.
- Press  to clear all numbers.
- Press  to select left parenthesis or right parenthesis.

3. Enter the numerical formula and press  for Equals ( $=$ ).
4. To reset, press  [AC].

## STOPWATCH





Simultaneously times up to ten different events. To operate the stop watch:

1. Press  [Menu], then press  for the "Tools" menu. Press  "Stopwatch".
2. To measure a time period:




- To start, press  [Start].
- To stop a time period and continue measuring another one, press  [Check].
- To stop the second and continue measuring a third one, press  [Check].
- To measure up to ten time periods, repeat the above steps.
- To stop the stop watch, press  [Stop].
- To review the results, press  / .
- To reset it, press  [Reset].

## CONVERT UNIT

To access the conversion tool:

1. Press  [Menu], then press  for the "Tools" menu. Press  "Convert Unit".
2. Select the desired type of measurement, and then press .

• Length/Weight/Volume/Area/Temperature/Speed

3. To change the unit type (for example: m, cm), press  /  and use the keypad to enter the unit to convert. If you need to change the lower unit of measure (the unit you are converting into), press  to highlight that area.








This chapter addresses voicemail and text messaging.

# MESSAGE



## NEW MSG

To send a new message:





1. Press  [Message], then press  "New Msg".
2. Under "TO", input the phone number.

By pressing  [Options], you can choose from the following:

- **Recent Calls:** Search for the phone number which is stored in the recent calls list.
- **Contacts:** Search for the phone number which is stored in the contacts list.
- **Group List:** Search the group which is stored in the contacts list.
- **Entry Mode:** Change the text input mode for this field.

3. Press . Under "Message", input your message.
4. If you want to add a graphic, sound or use a preset message, press  [Options], then select "Add".






- **Graphics:** Inserts simple graphic image in message.
- **Sound:** Inserts sound in message.
- **Preset MSG:** Inserts already written sentences in message.


5. To save the Message, press  [Options], then select "Save As Draft". Press  [Options], then select "Priority", select "Urgent" or "Normal", then press  [Done].
6. To send the message, press  [Send].

## INBOX

The Inbox manages received text/web alert messages.

To access:

1. Press  [Message], then press  "Inbox".
2. Select a message, then press . The message is displayed. To delete a message, press  [Erase], then select "Yes" or "No" and press .

By pressing  [Options], you can choose from the following:


- **Forward:** To forward the message.
- **Reply with copy:** To reply to a received message and include the received message into the message.
- **Save Graphics:** To save a picture.
- **Save Sound:** To save a sound
- **Save Quick Text:** Select to save received text message.
- **Lock/Unlock:** To lock or unlock the message.
- **Add to Contacts:** Select to save number to contacts.
- **Message Info:** To show received message information.

# MESSAGE

## OUTBOX

Manages sent messages.

1. Press  [Message], then press  "Outbox".
2. Select a message, then press . The message is displayed.




By pressing  [Options], you can choose from the following:


- **Forward:** To forward the message.
- **Resend:** To resend the text message.
- **Lock/Unlock:** To lock or unlock the message.
- **Add to Contacts:** Select to save number to contacts.

## DRAFTS

Draft Folder contains any draft messages or saved messages.


If message composition is interrupted by a voice call or other interrupting event, the text of the current composition is automatically saved in the drafts folder.

1. Press  [Message], then press  "Drafts".
2. Select a message then press .





By pressing  [Options], you can choose from the following:

- **Forward:** To forward the message.
- **Resend:** To resend the text message.
- **Lock/Unlock:** To lock or unlock the message.
- **Add to Contacts:** Select to save number to contacts.

## VOICEMAIL





Displays the number of voicemails and accesses them by pressing .

### CALL VOICEMAIL





1. Press  [Send] to dial voicemail". From the idle screen, press  then  [Send] to direct dial voicemail.  
If the feature "Speed Dial" is enabled you can press and hold  to speed dial voicemail.
2. Listen to the system prompts to hear your messages.

## SETTINGS

### NOTIFICATION




1. Press  [Message], then press  "Settings".  
Press  "Notification".
2. Select "MSG. & Icon" or "Only Icon", then press  [Done] to save the setting.

### AUTO SAVE

1. Press  [Message], then press  "Settings".  
Press  "Auto Save".
2. Select "Auto Save", "Prompt" or "Do Not Save", then press  [Done] to save the setting.

# MESSAGE





## AUTO ERASE

1. Press  [Message], then press  "Settings".  
Press  "Auto Erase".
2. Select "On" or "Off".

- **On:** Oldest message erased from inbox automatically when box is full.
- **Off:** Oldest message not erased from inbox automatically, user prompted when box is full.





3. Press  [Done] to save the setting.

## AUTO VIEW





1. Press  [Message], then press  "Settings".  
Press  "Auto View".
2. Select "On" or "Off", then press  [Done] to save the setting.

## ENTRY MODE





Change the text input mode.

1. Press  [Message], then press  "Settings".  
Press  "Entry Mode".
2. Select "T9 Word", "ABC", "Abc", or "123" then press  [Done] to save the setting.






## CALL BACK #

1. Press  [Message], then press  "Settings".  
Press  "Callback #".
2. Select "None", "MDN", or "Custom" then press  [Done] to save the setting.




## VOICEMAIL #

1. Press  [Message], then press  "Settings".  
Press  "Voicemail".
2. "Enter the desired voicemail access number." Default setting is \*99.
3. Press  [Done] to save the setting.

## SIGNATURE

1. Press  [Message], then press  "Settings".  
Press  "Signature".
2. To activate Signature, highlight "Custom" then press  [Edit].  
The signature input screen appears.
3. Input your signature and press  [Done] to save and exit.

## PRESET MSGS.

1. Press  [Message], then press  "Settings".  
Press  "Preset Msgs.".
2. The text messages are displayed.



# MESSAGE

3. Press  [Options], then select one of the following options:

- **Add New:** Write your own preset message and add to the list.
- **Send MSG:** Send a message with the highlighted preset message inserted.
- **Erase:** Erase the highlighted preset message.
- **Erase All:** Erase all the preset messages.

4. Select the text message, then press .

When the preset message screen is shown with the message:

- **Edit:** Press  [Edit] to edit the message.
- **Option:** Press  [Options] to 1. Send Msg., or 2. Erase.



# CHAPTER 7

## CRICKET CLICKS



Your phone provides a unique feature –Cricket Clicks-that enables you to download melody ringers, wallpapers, games and more from the network to your phone. Please contact your service provider for the availability of these services or visit [mycricket.com](http://mycricket.com) to learn more.




# CRICKET CLICKS

Cricket Clicks is a fun collection of features which you can access directly from your phone - download ringtones, games, graphics, and more. Charges apply.

1. Press  [Menu], then press  for the "Cricket Clicks" menu. Press  "Cricket Clicks".
2. You will see 3 icons - Cricket Clicks, Settings, Help. To download images, ringtones, games, etc., select Cricket Clicks and press .

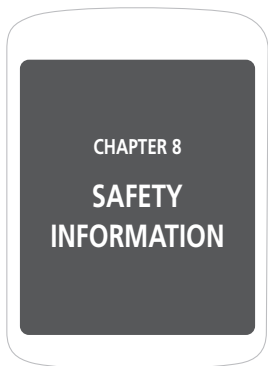
**Settings:** Select to Manage Apps. or Erase Downloads.

**Help:** Select to learn more about Cricket Clicks and how to use it.

3. Select from "Catalog" and press . The server will launch. Browse through the catalog and press  to select an application and price plan. Then follow the prompts to download the application. Repeat this process for each additional application.
4. To exit Cricket Clicks, press .

# CHAPTER 8

## SAFETY INFORMATION



Read this information before using your handheld portable Cellular Telephone.

SAFETY  
WARRANTY

## SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

### DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

If you must use your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

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.

**WARNING!:** Failure to follow these instructions could lead to serious personal injury and possible property damage.

## **ELECTRONIC DEVICES**

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.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Therefore, use of your phone must be restricted in certain situations.

## **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.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your phone. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers :

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- 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.

# SAFETY

## 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.

## HOSPITALS AND HEALTH CARE FACILITIES

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare 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 where posted notices so require.

## **AIRCRAFT**

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

## **BLASTING AREAS**

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

## **POTENTIALLY EXPLOSIVE ATMOSPHERES**

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

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas 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's engine.

## SAFETY INFORMATION FOR FCC RF EXPOSURE

**Warning! Read this information before using your phone.**

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 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.

### **BODY-WORN OPERATION**

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm from the body with a beltclip that contains metallic components. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov).



## 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.

# SAFETY

The highest SAR value for this model phone when tested for use at the ear is 1.01 W/Kg and when worn on the body, as described in this user guide, is 0.741 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 O6Y-CDM7026.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website 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.



## FDA CONSUMER UPDATE

U.S. Food and Drug Administration Cell

### Phone Facts Consumer Information on Wireless Phones

#### 1. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld 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.

#### 2. 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 standby 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

# SAFETY

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.

### **3 . 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.

#### **4. 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.

## **5. 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.

## **6. 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.

## **7. 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.

## **8. 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.

### **9. 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.

### **10. 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.

## **11. 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.

Updated July 29, 2003

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

## 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.

Generally, the rules require that carriers identify an E911 caller's location within 50 meters of the actual location for 67 percent of calls and within 150 meters of the actual location for 95 percent of calls.

### CDM7026's ALI Capability


The CDM7026 is an ALI-capable phone equipped with a GPS (Global Positioning System) receiver supporting a satellite-based GPS ALI-capable network to comply with the FCC's ALI requirements.

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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 ALL information is subject, in part, to system constraints within the wireless network to which the E911 signal is transmitted and over which UT Starcom has no control.

Finally, customers are advised that the CDM7026's ALL capability is to be used for E911 purposes only.

This feature allows you to place an emergency call even if your phone is in "Phone Lock" or "Restrict" mode when you dial the preprogrammed emergency number, 911, #911, or \*911. It also operates in out-of-service areas. The phone maintains the emergency mode until you press  after disconnecting an emergency call. In emergency call mode, the phone can receive an incoming call from any available system.

To call "911" in "Phone Lock" or "Restrict" mode.

1. Enter  ,  ,  .
2. Press  . "911" and "Emergency" will appear on the screen.

## COMPLIANCE WITH OTHER FCC REGULATIONS

### 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.

## GENERAL SAFETY

### PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and adapter/charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

- DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.
- DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.
- DO NOT expose this equipment to rain or spilled beverages.
- DO NOT use unauthorized accessories.
- DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized UTStarcom cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

## ANTENNA

### ANTENNA SAFETY

Use only the supplied or an approved replacement antenna. Unauthorized 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.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

## BATTERY

### BATTERY SAFETY

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

#### DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.



## **DON'Ts**

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Lithium ion batteries are recyclable. When you replace your built-in battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

## ADAPTER/CHARGER

### CHARGER

The charger designed by UTStarcom for this unit requires the use of a standard 120 V AC power source for its operation.

- Never attempt to disassemble or repair a charger.
- Never use a charger if it has a damaged or worn power cord or plug. Always contact a UTStarcom authorized service center, if repair or replacement is required.
- Never alter the AC cord or plug on your charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.
- Never allow any liquids or water to spill on the charger when it is connected to an AC power source. Always use the authorized UTStarcom charger to avoid any risk of bodily injury or damage to your cellular phone or battery.
- Never attempt to connect or disconnect the charger with wet hands. Always unplug the charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Always disconnect the charger from the power source when it is not in use.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Always disconnect the charger from the power source when it is not in use.

## FCC HEARING-AID COMPATIBILITY (HAC) REGULATIONS FOR WIRELESS DEVICES

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the

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ring device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use. In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.



## For information about hearing aids and digital wireless phone:

- FCC Hearing Aid Compatibility and Volume Control  
<http://www.fcc.gov/cgb/dro/hearing.html>
- Gallaudet University, RERC  
<http://tap.gallaudet.edu/DigWireless.KS/DigWireless.htm>
- Self Help for Hard of Hearing People Inc. [SHHH]  
[www.hearingloss.org/hat/TipsWirelessPhones.htm](http://www.hearingloss.org/hat/TipsWirelessPhones.htm)
- The Hearing Aid Compatibility FCC Order  
[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-168A1.pdf](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf)

## GAMES

### SEIZURES/BLACKOUTS

#### Warning

A very small percentage of individuals may experience epileptic seizures when exposed to certain light patterns or flashing lights. Exposure to certain patterns or backgrounds on a computer screen, or while playing video games, may induce an epileptic seizure in these individuals. Certain conditions may induce previously undetected epileptic symptoms even in persons who have no history of prior seizures or epilepsy.

If you, or anyone in your family, have an epileptic condition, consult your physician prior to playing. If you experience any of the following symptoms while playing a video or computer game -- dizziness, altered vision, eye or muscle twitches, loss of awareness, disorientation, any involuntary movement, or convulsions -- IMMEDIATELY discontinue use and consult your physician before resuming play.

#### Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

## RECYCLE YOUR CELL PHONE!

Carriers marketing this cell phone have an in-store phone take-back program. Consumers can drop off their used wireless devices to specified carrier retail outlets for recycling purposes. For a list of carrier members and collection sites, visit the cellular industry's recycling website [www.recyclewirelessphones.com](http://www.recyclewirelessphones.com).

To mail in your old wireless device to UTStarcom Personal Communications for recycling purposes, simply package your old wireless device and any accessories (including discharged batteries) in appropriate shipping materials and mail to: For Recycling UTStarcom Personal Communications LLC 555 Wireless Blvd. Hauppauge, NY 11788

Wireless phones also can be donated to the Wireless Foundation's DONATE A PHONE® CALL TO PROTECT® campaign. This charitable cause collects wireless phones to benefit victims of domestic violence. All donated phones are tax deductible. You may mail the phone to: CALL TO PROTECT, 2555 Bishop Circle, West Dexter, MI 48130.

-OR-

Drop the phone off at a local collection center. For a list of collection centers, visit [www.wirelessfoundation.org/CalltoProtect/dropoff.cfm](http://www.wirelessfoundation.org/CalltoProtect/dropoff.cfm)

Before returning any wireless device for recycling purposes, please remember to terminate your service on the device, clear the device of any stored information and remove the device's SIM card, if it has one (please contact your wireless provider to find out if your device contains a SIM card and for assistance on how to remove it).

## **MANUFACTURER'S WARRANTY**

### **12 MONTH LIMITED WARRANTY**

UTStarcom Personal Communications (the Company) warrants to the original retail purchaser of this UTStarcom 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;

# WARRANTY

(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.

When sending your wireless device to UTStarcom Personal Communications for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, UTStarcom Personal Communications is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to UTStarcom Personal Communications for repair or service.

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.



# WARRANTY

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 416-695-3060).

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 AN 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.

# WARRANTY

**IN USA:** UTStarcom Personal Communication  
555 Wireless Blvd. Hauppauge, NY 11788  
(800) 229-1235

**IN CANADA:** UTStarcom Canada Company  
5535 Eglinton Avenue West Suite# 234  
Toronto, ON M9C 5K5  
(800) 465-9675





# U.S.A.

## **U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT**

### INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- \*- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- \*- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- \*- Consult the dealer or an experienced radio/TV technician for assistance.

Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

## **FCC Compliance Information**

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received.  
Including interference that may cause undesired operation.