

UTStarcom mini



K™

UTStarcom mini
user manual

om8935c

UTStarcom mini
manual de usuario



K™

TABLE OF CONTENTS

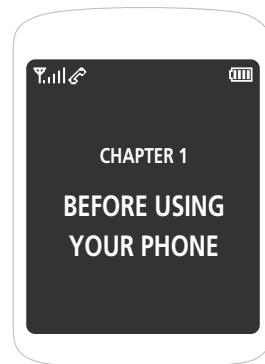
CHAPTER 1. BEFORE USING YOUR PHONE	5
INSIDE THE PACKAGE	6
HANDSET DESCRIPTION	7
PHONE VIEW	7
THE FUNCTION KEYS	8
DISPLAY INDICATORS	9
DISPLAY INDICATORS	9
BATTERY USAGE	11
BATTERY INSTALLATION	11
BATTERY REMOVAL	11
BATTERY CHARGING	12
BATTERY HANDLING INFORMATION	13
DO's	13
DON'Ts	13
CHAPTER 2. BASIC OPERATION	15
USING THE PHONE	16
TURNING THE PHONE ON	16
TURNING THE PHONE OFF	16
ACCESSING THE MENU	17
MENU SUMMARY	18
BASIC FUNCTIONS	21
MAKING A CALL	21
2-SEC PAUSE/HARD PAUSE	22
SPEAKER PHONE	22
ANSWERING A CALL	23
3-WAY CALL FUNCTION	23
CALL WAITING FUNCTION	24
ADJUSTING MASTER VOLUME	24
FUNCTIONS DURING A CALL	25
END CALL	25
CONTACTS	25
MESSAGING	25
BLUETOOTH	25
SPEAKERPHONE ON/OFF	25
MAKING AN EMERGENCY CALL	26
911 IN LOCK MODE	26
911 USING ANY AVAILABLE SYSTEM	27
CHAPTER 3. MEMORY FUNCTION	29
STORING A PHONE NUMBER	30
ENTERING LETTERS, NUMBERS & SYMBOLS	32
ENTERING CHARACTERS	32
ALPHA MODE [ABC]	32
T9WORD PREDICTIVE TEXT MODE [T9WORD]	33
T9WORD INPUT MODE	34

TABLE OF CONTENTS

NUMERIC MODE [123]	35
SYMBOL MODE [SYMBOLS]	35
CHAPTER 4. MENU FUNCTION	37
CALL HISTORY	38
MISSED CALLS	38
RECEIVED CALLS	39
DIALED CALLS	40
ALL CALLS	41
CALL TIMERS	42
CONTACTS	43
NEW ENTRY	43
LIST ENTRIES	44
MESSAGE GROUPS	45
GROUPS	47
SPEED DIALS	49
CAMERA	50
TAKE PICTURE	50
MY PICTURES	53
BROWSER	54
STARTING MOBILE WEB	54
MOBILE WEB MENU	54
GAMES & APPS	58
TOOLS/UTILITIES	61
CALCULATOR	61
CALENDAR	62
ALARM CLOCK	64
WORLD CLOCK	65
NOTEPAD	66
STOP WATCH	67
VOICE MEMO	68
MEDIA GALLERY	69
SOUND BOX	69
PICTURE BOX	69
SETTINGS	70
SOUNDS	70
DISPLAY	75
PHONE	78
CALL	82
BLUETOOTH MENU	86
PHONE INFO	88

TABLE OF CONTENTS

CHAPTER 5. VOICE MAIL AND TEXT MESSAGE	89
WHEN A NEW MESSAGE ARRIVES.....	90
VOICE MAIL	90
NEW MESSAGE	91
INBOX.....	93
SENT	96
DRAFTS.....	98
SETTINGS.....	99
ERASE MESSAGES.....	102
CHAPTER 6. SAFETY INFORMATION	103
SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES	104
SAFETY INFORMATION FOR FCC RF EXPOSURE.....	117
SAR INFORMATION	118
FDA CONSUMER UPDATE	120
CHAPTER 7. WARRANTY	127
12 MONTH LIMITED WARRANTY	128



Please read and fully understand this manual before using your phone. This chapter addresses your phone, its keys and display icons, and covers the charging and proper use of the battery.

INSIDE THE PACKAGE

HANDSET DESCRIPTION

BATTERY USAGE

BATTERY HANDLING INFORMATION

"Licensed by QUALCOMM Incorporated under one or more of the following Patents : U.S.Patent No.4,901,307 U.S.Patent No. 5,056,109 U.S.Patent No. 5,099,204 U.S. Patent No. 5,101,501 U.S. Patent No.5,103,459 U.S. Patent No. 5,107,225 U.S.Patent No. 5,109,390."

BEFORE USING

INSIDE THE PACKAGE

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



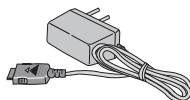
Handset



Standard Battery



User Guide



AC Charger

HANDSET DESCRIPTION

BEFORE USING

The CDM-8935 weighs 2.61 oz.
The dimensions are "1.65" X 3.30" X 0.70".

PHONE VIEW



Your phone is equipped with an antenna. For optimal call quality, hold the phone by the gripped edges on the side and avoid touching the top and bottom of the phone.

THE FUNCTION KEYS

Display Indicators

See page 9 for a list of icons.

THE NAVIGATION KEYS

In Idle Mode

Press Up for Messages, Down for Media Gallery, Right for Games & Apps and Left for Mobile Web

Inside a menu

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

Speaker Phone Key

Speaker Phone On/Off in idle.

SEND Key

Press to make or receive a call.

Short press: Recent Calls.

Vibrate Mode Key

Press and hold to enter etiquette mode.

Lock Mode Key

Press and hold to enter lock mode.

Text & Graphic area

Soft Key Indicators

Shows the functions currently assigned to each soft key and displays some icons.

THE FUNCTION KEYS

Left Soft Key

Press to access the Settings menu or the function displayed on the bottom line.

Right Soft Key

Press to access Contacts menu or function displayed on bottom line.

OK KEY

In Idle Mode

Press to access Main Menu.

Inside a menu

To select an option.

Volume Keys

Press to adjust volume.

Camera Key

Press to Camera Viewfinder.

End Key

Press to turn the phone on/off, to terminate a call or to return to the initial page.

Clear Key

Press to clear a digit from the display or to return to the previous page.

DISPLAY INDICATORS



Signal Strength

Current signal strength - the more lines, the stronger the signal.



Roaming

Phone is out of home area.



Message

New Text or Voice message.



Digital Mode

Phone is operating in digital mode.



Battery

Battery power level - the more blocks, the more power you have left.



Silence

Appears when Silent is selected as the ring mode.



Speaker Phone

Phone is in speaker phone mode.



Etiquette

Phone will vibrate when call is received.



Alarm

When the Alarm is set, the idle screen appears. The idle screen disappears if the alarm is in operation or disabled.



Ring Mode

Appears when a ringer is set for the ringer mode.



Voice Privacy

Indicates "Voice Privacy" mode.

BEFORE USING

DISPLAY INDICATORS



Data Only

Phone is ready to receive a data call.



1X

Phone is in the 1x service area.



Dormant

Indicates your phone is in a dormant state during a data call. Your phone lapses into Dormant mode when you have not had any activity on a page for some time - your connection is still active and you can make and receive calls.



Airplane Mode

Indicates phone is in Airplane Mode and it cannot send or receive any calls or access online information.



Voice mail

Indicates you have voice mail messages.



Bluetooth

Indicates Bluetooth mode.



Bluetooth Active

Indicates Bluetooth Active mode.



Bluetooth Connect

Indicates Bluetooth connect mode.



Bluetooth Discovery

Indicates Bluetooth discovery mode.



TTY

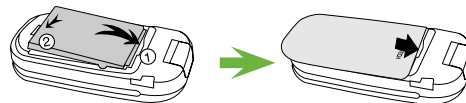
TTY mode is active.

BATTERY USAGE

BEFORE USING

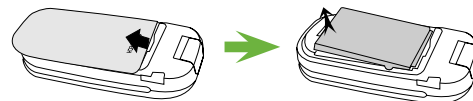
BATTERY INSTALLATION

- 1 Place the battery on the back of the phone so the metal contacts match up on the battery and in the battery cavity.
- 2 Push the battery down into the battery cavity until it locks into place.
- 3 Place the battery cover over the battery and slide up into place.



BATTERY REMOVAL

- 1 Pull up the release latch, lift up the battery cover case.
- 2 Remove the battery from the handset.



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

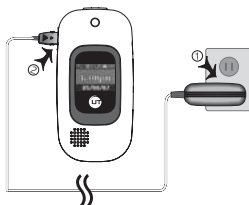
BEFORE USING

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 upper left side of your phone. The battery must be installed on to the phone.



- 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

BEFORE USING

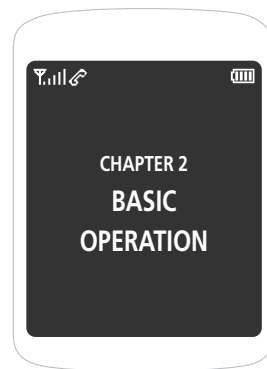
■ DO's

- 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.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after full 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 temperatures. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery by placing into a fire.

MEMO



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

USING THE PHONE

ACCESSING THE MENU

MENU SUMMARY

BASIC FUNCTIONS

FUNCTIONS DURING A CALL

MAKING AN EMERGENCY CALL

■ TURNING THE PHONE ON



- 1 Press  until your "Cricket" logo appears and the melody begins to play.



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

■ TURNING THE PHONE OFF

- 1 Press and hold  until "Cricket" logo animation appears.



- Immediately change or recharge the battery when "Low Battery Warning Power Off" appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely drained.
- Turn the phone off before removing or replacing the battery. If the phone is on, unsaved data may be lost.

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

- 1 To access the menu in idle mode, press **OK** [MENU].
- 2 Use the Navigation Key  to scroll through the menu.
- 3 To return to the previous page, press **CLR**.
To exit the current menu and return to idle mode, press .
- 4 Press the Navigation Key  to enter a function when its main page is displayed or press its assigned number to have for direct access to the function.



Hotkey

In idle mode, move press the Navigation Key  as follows to access these functions:

- **Upward movement:** Messages
- **Rightward movement:** Games & Apps
- **Downward movement:** Media Gallery
- **Leftward movement:** Browser

MENU SUMMARY

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
1. Recent Calls	1. Missed Calls 2. Received Calls 3. Dialed Calls 4. All Calls 5. Call Timers		
2. Messages	1. New Message 2. Voice mail 3. Inbox 4. Sent 5. Drafts 6. Settings 7. Erase	1. TXT Message 2. Picture Message 1. Entry Mode 2. Auto Save 3. Auto Erase 4. Text Auto View 5. Auto Receive 6. Quick Text 7. Voice mail # 8. Callback # 9. Signature 1. Erase Inbox 2. Erase Drafts 3. Erase Sent 4. Erase All	
3. Contacts	1. New Entry 2. List Entries 3. Message Groups 4. Groups 5. Speed Dials		
4. Camera	1. Take a Picture 2. My Pictures	1. Self Portrait 2. Self Timer 3. Color Effects 4. Image Controls 5. Settings	1. Brightness 2. White Balance 1. Resolution 2. Quality 3. Shutter Sound
5. Browser			

MENU SUMMARY

BASIC OPERATION

Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
6. Games & Apps			
7. Tools/ Utilities	1. Calculator 2. Calendar 3. Alarm Clock 4. World Clock 5. Notepad 6. Stop Watch 7. Voice Memo	1. Alarm 1 2. Alarm 2 3. Alarm 3	
8. Media Gallery	1. My Sounds 2. My Pictures		
9. Settings	1. Sounds 2. Display	1. Ringer volume 2. App Volume 3. Call Sounds 4. Alert Sounds 5. Service Alerts 6. Power On/Off Tone: 7. Flip Tone 8. Key Tone Volume 1. Personal Banner 2. ERI Banner 3. Backlight 4. Wallpaper 5. Clock Format 6. Menu Type	1. Call Ringtone 2. Call Vibrate 1. TXT Message 2. Picture Message 3. Voice mail 1. Roam 2. Minute Beep 3. Call Connect 1. Power On 2. Power Off 1. Display 2. Keypad 1. Main Clock 2. Sub Clock

MAIN MENU	2ND DEPTH	3RD DEPTH	4TH DEPTH
	3. Phone	1. Airplane Mode 2. Language 3. Location 4. Security	
	4. Call	5. System Select 1. Answer Options 2. Auto Retry 3. TTY Mode 4. One Touch Dial 5. Voice Privacy 6. Voice Services	1. Lock Mode 2. Edit Code 3. Restrict
	5. Bluetooth	7. DTMF Tones	
	6. Phone Info	1. New Device 1. My Number 2. SW Version	1. Voice Dial 2. Set Active

MAKING A CALL



1 Enter a phone number.



To modify the phone number you have entered:

- Erase one digit at a time by pressing **CLR**.
- Erase the entire number by pressing and holding **CLR**.

To send the Text message with phone number :

- Enter a phone number, then press **...** [Option], select "New Text Message" or "New Picture Message". Please refer to page 91 for more details on "New Text Message" or "New Picture Message".

2 Press .



- If "CALL FAILED" appears on the display or the line is busy, press .
- If you activate the "AUTO RETRY" function, the phone will automatically retry what you have selected. (Refer to page 83).
- When you place or receive a call from stored phone numbers, the saved name will be displayed.
- If "Enter Lock Code" appears on the display enter your 4-digit password to unlock your phone.

3 To end a call, press .

■ 2-SEC PAUSE/HARD PAUSE

Pauses are used for automated systems (i.e., Voice mail, calling cards). Insert a pause after a phone number then enter another group of numbers. When a 2-sec pause menu is selected, the phone dials the second set numbers automatically after two seconds. However, when the wait menu a hard pause is selected, it will dial the numbers manually. This feature is useful for dialing into systems that require a code.



- 1 To insert a pause, enter a phone number then press Right Soft Key **...** [Option]. Select either a 2-Sec Pause ("T" appears) or a Hard Pause ("P" appears). Press **📞** call number.

- 2 Press **📞** to dial or Left Soft Key **..** [SAVE] to store.

■ SPEAKER PHONE

The speaker phone feature allows you to hear audio through the speaker and talk without holding the phone.

- 1 To activate the speaker phone when the phone is in idle mode, answering mode, or calling mode, press **📞**.
- 2 The phone returns to normal (speaker phone off) after ending or call or when the phone is turned off and back on.

■ ANSWERING A CALL

- 1 To answer a call, press any key except **📞**, **CLR**, **📞**, **📞**, **OK**.

- To select an answering option, press **OK** [MENU] **9** *wxyz*, **4** *ghl*, **1** *☎*, select either "Flip Open", "Any Key", "Send Only" or "Auto Answer".

- 2 To end the call, press **📞**.



In Auto Answer Mode, a call is automatically answered after a preset time of rings. See page 108 for more details.

■ 3-WAY CALL FUNCTION

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 the number you wish to call then press **📞**.
- 2 Once you have established the connection, enter 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.



If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all three callers are disconnected.

■ CALL WAITING FUNCTION

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

- 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.
- 2 To switch back to the first caller, press  again.

Since Call Waiting is system dependant, the displayed Caller ID may be different from the actual caller.

■ ADJUSTING MASTER VOLUME

Adjust the volume of the master volume.

- 1 In idle mode, press the Side Volume Key  or .
- 2 Select one of the following options, then press **OK** [SET] to save it.

- All Sounds Off
- Vibrate Only
- Low / Medium Low / Medium / Medium High / High



NOTE

- Move the Navigation Key  to adjust Earpiece volume during a call.
- Move the Side Volume Key  or  to adjust Earpiece volume during a call.

To display menu options during a call, press Right Soft Key  [Option]. These menu items are available while you are on a call.

■ END CALL

To end the call:

- 1 Press Right Soft Key  [Option] **1** .

■ CONTACTS

To select a phone number in your internal Contact List:

- 1 Press Right Soft Key  [Option] **2** .

■ MESSAGING

To send a message during a call:

- 1 Press Right Soft Key  [Option] **3** .

■ BLUETOOTH

To access Bluetooth during a call:

- 1 Press Right Soft Key  [Option] **4** .

■ SPEAKERPHONE ON/OFF

To turn the speakerphone on during a call:

- 1 Press Right Soft Key  [Option] **5** .

BASIC OPERATION

MAKING AN EMERGENCY CALL

This 911 feature automatically places your phone in the Emergency Call Mode when you dial the preprogrammed emergency number, 911. This feature is functional even in the Lock Mode and in an out of service area.



■ 911 IN LOCK MODE

To place a “911” call:

- 1 Enter “911” then press .
- 2 The call connects.
- 3 The phone remains in Lock Mode even during the Emergency Call.
- 4 After ending a call, the phone remains in Emergency Mode for 5 minutes.
- 5 To exit emergency mode, press .

- During the Emergency Call, the phone remains in Lock Mode. The Unlock softkey will be offered appear during Emergency Mode. When the call ends, it will return to the Lock Mode.

MAKING AN EMERGENCY CALL

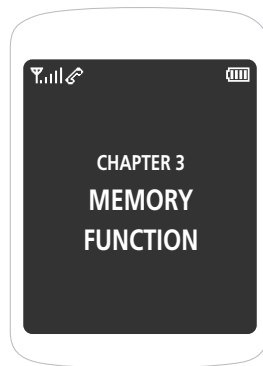
BASIC OPERATION

■ 911 USING ANY AVAILABLE SYSTEM

- 1 Enter “911” then press .
- 2 The call connects.
- 3 After ending a call the phone remains in Emergency Mode for 5 minutes.
- 4 To exit emergency mode, press .

- The phone continuously attempts to receive service from any available system.

MEMO



This chapter addresses numerous functions including saving phone numbers to the internal phone book, entering text and accessing call logs.

STORING PHONE NUMBERS

ENTERING LETTERS, NUMBERS & SYMBOLS

MAKING A CALL THROUGH THE CONTACT LIST

MEMORY FUNCTION

STORING PHONE NUMBERS

The Phone book stores up to 500 entries.

- 1 Enter phone # then press Left Soft Key • • [SAVE].
- 2 Choose “New Entry” or “Existing Entry”.
To select, press **OK** [OK].
- 3 If “New Entry” is selected, the phone number will appear above a list of icons. The name of the icon is displayed below the list. Press the Navigation Key  to choose the type of number you’re adding, as indicated by the icon. Press **OK** [OK] to select.
If “Existing Entry” is selected, your phone book list is displayed. Choose the entry to add the phone number to, then press **OK** [OK].
You will then see the phone number listed about above a list of icons and the name of the currently selected icon below the list. Press **OK** [OK] to select.
- 4 Enter a name.
Follow instructions for entering text on page 32.
To change the input mode, press Left Soft Key • • [Abc].
- 5 Use the Navigation Key  to scroll through more options for the entry (group, other numbers, ringer, etc.).

STORING A PHONE NUMBER

MEMORY FUNCTION

-  Name
-  Mobile
-  Home
-  Work
-  Email 1
-  Group
-  Picture
-  Ringtone
-  Pager
-  Fax
-  Email 2

- 6 To store the entry, press **OK** [SAVE].
“ENTRY SAVED” will be displayed.

MEMORY FUNCTION

ENTERING LETTERS, NUMBERS & SYMBOLS

■ ENTERING CHARACTERS

Your phone offers several text input methods for convenient entry of memory location names and text messages:

Abc mode: Enters words by repeatedly tapping the corresponding key until the desired character is displayed.

T9Word: Tap each corresponding key only once and the phone predicts the word you are entering.

Numeric mode: Only enters numbers.

Symbol mode: Enters symbols like . @ ? ! - , & : _ ; / ; .

■ ALPHA MODE [ABC]

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

Enter letters using the key pad as follows:

Key Pad	1 time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9



Press **1** repeatedly, until the desired symbol appears (. , ! @ & ' : ?). To change the input mode, press Left Soft Key **• •** [Abc].

ENTERING LETTERS, NUMBERS & SYMBOLS

MEMORY FUNCTION

- To enter a space, press **#** . The cursor will automatically move to the next column.
- To delete one digit, press **CLR**.
- To delete the entire entry, press and hold **CLR**.

■ T9WORD PREDICTIVE TEXT MODE [T9WORD]

To choose T9Word mode from the Editor screen press Left Soft Key

- •** [Abc], then choose [T9Word]. This mode predicts the words you are entering using a built-in dictionary. With T9Word predictive text input, you press each key only once for each letter. The chart below outlines how to use T9Word mode.

KEY	FUNCTION
• •	Mode Press to change mode. [T9word][Abc][ABC][123][Symbols]
0	Next Press to view the next matching word if the highlighted word is not the word you intended in Word input mode.
#	Space Press to accept a word and add a space.
*	Change Mode Press to change mode. [T9word][Abc][123].
CLR	Clear Press to delete a character to the left of the cursor.
OK	OK Press to save the letters and numbers.

■ T9WORD INPUT MODE

The T9Word input mode incorporates a built-in-dictionary to determine a word based on the entered characters. A T9Word can be entered more quickly by pressing a key once per character.

- ① Select the T9Word mode by pressing Left Soft Key  [Abc].
- 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 and enter a space, press  or Navigation Key .

- To enter "Phone book" in the T9Word input mode.
 - Press Left Soft Key  [Abc] to select the T9Word input mode.
 - Press **7** pqrs, **4** ghi, **6** mno, **6** mno, **3** del and you will see "Phone" highlighted. Press  to enter a space.
 - Press **2** abc, **6** mno, **6** mno, **5** jkl and you will see "cool" highlighted. Press  to select the next word "book".

■ NUMERIC MODE [123]

Numeric mode allows you to add a number to your entry/message. To select numeric mode from the Editor screen press Left Soft Key  [Abc], then select [123].

■ SYMBOL MODE [Symbols]

Symbol mode allows you to add various symbols to your entry. Whether you are adding an e-mail address to your phone book or sending an expressive message, symbols make these entries easier.

To select symbol mode from the Editor screen press Left Soft Key  [Abc] then choose [Symbols].

The symbols will appear on the display.

The corresponding key number for that symbol will appear as well. You can press the key to select the symbol.

To move to the next screen of symbols, press Navigation Key .

MEMO



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

RECENT CALLS

CONTACTS

CAMERA

BROWSER

CRICKET CLICKS

TOOLS/UTILITIES

MEDIA GALLERY

SETTINGS

■ MISSED CALLS

Displays information about the 20 most recently missed calls.
Place a call to a missed call number by simply pressing .



- 1 To see a list of the 20 most recently missed calls, press **OK** [MENU] **1** , **1** .
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view missed call details, press **OK** [VIEW].



NOTE Call details include date, time and phone number.

- 3 Press Left Soft Key **..** [Msg] to send a TXT or Picture message. Press Right Soft Key **...** [Option] to see the options below:

- **Save** : Stores the phone number in your Contacts.
- **Prepend** : The user may add numbers before the number, such as an area code.
- **Erase** : To erase a missed call entry.
- **Erase All** : To erase all missed call entries.



NOTE After 20 missed calls, the oldest call will automatically be erased from the history.

■ RECEIVED CALLS

Displays information about the 20 most recently answered calls.
Place a call to a received number by simply pressing .



- 1 To see a list of the 20 most recently received calls, press **OK** [MENU] **1** , **2** **abc** .
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view received call details, press **OK** [OK].



NOTE Call details include date, time and phone number.

- 3 Press Left Soft Key **..** [Msg] to send a TXT or Picture message. Press Right Soft Key **...** [Option] to see the options below:

- **Save** : Stores the phone number in your Contacts.
- **Prepend** : The user may add numbers before the number, such as an area code.
- **Erase** : To erase a received call entry.
- **Erase All** : To erase all received call entries.



NOTE After 20 received calls, the oldest call will automatically be erased from the history.

■ DIALED CALLS

Displays information about the 20 most recently dialed calls.

Place a call to a dialed number by simply pressing .



- 1 To see a list of the 20 most recently received calls, press **OK** [MENU] **1** , **3** **def**.
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view dialed call details, press **OK** [OK].



NOTE Call details include date, time and phone number.

- 3 Press Left Soft Key **..** [Msg] to send a TXT or Picture message. Press Right Soft Key **...** [Option] to see the options below:

- **Save** : Stores the phone number in your Contacts.
- **Prepend** : The user may add numbers before the number, such as an area code.
- **Erase** : To erase a dialed call entry.
- **Erase All** : To erase all dialed call entries.



NOTE After 20 dialed calls, the oldest call will automatically be erased from the history.

■ ALL CALLS

Displays information about the 60 most recently dialed, missed and received numbers. Place a call to a selected number by simply pressing .



- 1 To see a list of the 60 most recently received, missed and dialed calls, press **OK** [MENU] **1** , **4** **ghi**.
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view all calls details, press **OK** [OK].



- Call details include date, time, and phone number.
- If the phone number is set to secret, the name is not displayed.

- 3 Press Left Soft Key **..** [Msg] to send a TXT or Picture message. Press Right Soft Key **...** [Option] to see the options below:

- **Save** : Stores the phone number in your Contacts.
- **Prepend** : The user may add numbers before the number, such as an area code.
- **Erase** : To erase an all calls entry.
- **Erase All** : To erase the entire all call list.



NOTE After 60 received, dialed or missed calls, the oldest call will automatically be erased from the history.

■ CALL TIMERS

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



- ❶ Press **OK** [MENU] **1** (call icon), **5** jkl.
- ❷ Select "Last Call", "All Calls", "Received Calls", "Dialed Calls", "Home Calls", "Roaming Calls", "Transmit KB", "Received KB", "Total KB" with the Navigation Key .
To reset the timer, press Left Soft Key ●● [RESET], then press Right Soft Key ●●● [Yes].
To reset all timers, press Right Soft Key ●●● [RESET ALL], then press Right Soft Key ●●● [Yes].
The "Lifetime Calls" and "Lifetime Data Count" timers cannot be reset.
To reset all timer, press Right Soft Key ●●● [RESET ALL], then press Right Soft Key ●●● [Yes].
- ❸ To return to the previous page, press **CLR**.

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

■ NEW ENTRY

Adds a new contact entry.



- ❶ To add a new entry to the Contacts, press **OK** [MENU] **3** def, **1** (call icon).
 - ❷ To enter a name or number, use the Navigation Key  to select the contact fields.
 - **Contact Fields:** Name/Mobile/Home/Work/Email 1/Group/Picture/Ringtone/Pager/Fax/Email 2.
 - Under "Mobile", "Home", "Work", "Fax" or "Pager" input the phone number, then press Right Soft Key ●● [Option], to access you can choose from the following:
 1. **Hard Pause**
 2. **2-Sec Pause**
 - Scroll to "Picture" and press Right Soft Key ●● [Add] to select an image.
(Please refer to page 69 "My Pictures" for more details.)
 - Scroll to "Ringtone" and press Right Soft Key ●● [Add] to add a ringtone.
(Please refer to page 69 "My Ringtones" for more details.)
-  Please refer to page 32 for more details on entering letters, numbers & symbols.
- ❸ To save the entry, press **OK** [SAVE].
To return to the previous page, press **CLR**.



At least one phone number or an email address needs to be entered to save the new contact. Otherwise, it will display "PLEASE ENTER NUMBER OR EMAIL ADDRESS".
If only a phone number is entered and the name field is left blank, the contact will still be saved and the Contact List will display the phone number.

■ LIST ENTRIES



- 1 To view your phone book entries, press **OK** [Menu] **3 def**, **2 abc** or press Right Soft Key **...** [Contacts].
- 2 The list of names in your Contacts is displayed alphabetically.
- 3 Enter a name or its character string or scroll through the list with the Navigation Key . Please refer to page 32 for more details on entering letters, numbers & symbols.
- 4 To edit the entry, press Left Soft Key **...** [Edit]. To view the contact details, press **OK** [VIEW].

- To use and manage contacts, press Right Soft Key **...** [Option] then select:
 1. **New Entry**: To add a New Entry.
 2. **Prepend**: The user may add numbers before the number, such as an area code.
 3. **Erase**: To delete a contact.
 4. **Text Message**: To create a Text message.
 5. **Picture Message**: To create a Picture message.
 6. **Erase All**: To delete all contacts.

- 5 To call the selected number, press Right Soft Key **...** [Option] then select "Prepend" or press .

■ MESSAGE GROUPS

Allows the user to group up to 10 phone numbers.
The user can add, change, and delete Msg.Groups.



ADD NEW MESSAGE GROUP

- 1 To add a new group, press **OK** [Menu] **3 def**, **3 def**. A maximum of five groups is allowed.
- 2 Press Left Soft Key **...** [New].
- 3 Input a new group name.
- 4 To save it, press **OK** [SAVE].

CHANGE MESSAGE GROUP NAME

- 1 To change a group name, press **OK** [Menu] **3 def**, **3 def**. Select an existing group name.
- 2 Press right soft key **...** [Option] then select "Rename". Only Group names the user has added can be changed.
- 3 Input a new group name.
- 4 To save it, press **OK** [SAVE].

SEND TEXT MESSAGE

- 1 To send a text message to a group, press **OK** [Menu] **3** ^{def}, **3** ^{def}.
Select an existing group name.
- 2 Press Right Soft Key **...** [Option] then select "Text Message".
- 3 Complete the "Text" field.
- 4 Press Right Soft Key **...** [Option] then select "Save As Draft", "Add Quick Text" or "Priority Level". Press **OK** [SEND]. Please refer to page 91 for more details on "New Text Message".

SEND PICTURE MESSAGE

- 1 To send a Picture Message to a group, press **OK** [Menu] **3** ^{def}, **3** ^{def}.
Select an existing group name.
- 2 Press Right Soft Key **...** [Option] then select "Picture Message".
- 3 Complete the "Subject", "Text", "More", "Cc" and "Bcc" fields. Please refer to page 92 for more details on "Picture Message".
- 4 Press **...** [Option] then select "Save As Draft" or "Priority Level". Press **OK** [SEND]. Please refer to page 92 for more details on "Picture Message".

ERASE MSG. GROUP

- 1 To erase a new group, press **OK** [Menu] **3** ^{def}, **3** ^{def}.
Select the group name to be deleted.
- 2 Press Right Soft Key **...** [Option] then select "Erase".
Only Group names the user has added can be erased.
- 3 "Erase Message group?" will be displayed.
- 4 Press Right Soft Key **...** [Yes]. "ERASED" will be displayed.

■ GROUPS

Allows you to classify phone entries into groups.

Existing groups include No Group, Family, Friends, Colleagues and Business.



ADD NEW MESSAGE GROUP

- 1 To add a new group, press **OK** [Menu] **3** ^{def}, **4** ^{ghi}.
A maximum of five groups is allowed.
- 2 Press Left Soft Key **.** [New].
- 3 Input a new group name.
- 4 To save it, press **OK** [SAVE].

CHANGE GROUP NAME

- 1 To change a new group, press **OK** [Menu] **3** def , **4** ghi .

Select an existing group name.

- 2 Press Right Soft Key **...** [Option] then select "Rename".



Default group names (No Group, Family, Friends, Colleagues, Business) cannot be changed.

- 3 Input a new group name.
- 4 To save it, press **OK** [SAVE].

ERASE GROUP

- 1 To erase a new group, press **OK** [Menu] **3** def , **4** ghi . Select an existing group name.
- 2 Press Right Soft Key **...** [Option] then select "Erase".
- 3 "Erase Entry?" will be displayed.
- 4 Press Right Soft Key **...** [Yes]. "ERASED" will be displayed.

■ 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.



- 1 Press **OK** [Menu] **3** def , **5** jkl .
- 2 To assign a phone number to a location, select the location and press **OK** [SET].
- 3 Select the entry with the Navigation Key and press **OK** [OK].

- 4 Select phone number with the Navigation Key and press **OK** [OK].



"Unassigned" appears if the location is available.

To call an assigned number, press & hold the last digit of the speed dial #.

- 5 Select Mobile, Home, Pager or Fax and then press **OK** [OK].
- 6 "Set speed dial to entry?" will be displayed.
- 7 To store the entry, press Right Soft Key **...** [Yes]. "SPEED DIAL SET" will be displayed.

ONE-TOUCH/TWO-TOUCH DIALING

Ideal for frequently dialed numbers, this feature allows phone book entries to be dialed via the key pad with only one or two key presses.

- 1 Press **OK** [Menu] **9** wxyz , **4** ghi , **4** ghi .
- 2 Select "On" or "Off" with the Navigation Key .
- 3 Press **OK** to save it.

■ TAKE PICTURE



- ❶ Press **OK** [Menu] **4 ghi**, **1** .
- ❷ Press **OK** [TAKE] or the Left Side Camera Button or to take the picture.
- ❸ To save the picture, press Left Soft Key **• •** [SAVE].
To go back to idle mode without saving the picture, press **①**.
To send the picture to someone, press **OK** [SEND].
Please refer to page 92 for more details on "Picture Message".
To erase the picture, press Right Soft Key **• • •** [ERASE].

- If you receive an incoming call while taking a picture, the camera mode will turn off. You may not receive a warning before the incoming call.

TAKING A PICTURE IN IDLE MODE

- ❶ To activate Camera Mode, press the Left Side Camera Button or .
- ❷ To take the picture, press **OK** [TAKE] or the left side camera button or .
- ❸ To save the picture, press **• •** [SAVE].
To go back to idle mode without saving the picture, press **①**.
To send the picture to someone, press **OK** [SEND].
Please refer to page 92 for more details on "Picture Message".
To erase the picture, press Right Soft Key **• • •** [ERASE].

- If you receive an incoming call while taking a picture, the camera mode will turn off. You may not receive a warning before the incoming call.

CAMERA MODE OPTIONS

To access the camera mode options,
press Right Soft Key ●●● [Option].

- **Self Portrait:** Take a picture of yourself by checking the view on the Sub LCD.
- **Self Timer:** To activate the camera's timer function.
(Off/3 Seconds/5 Seconds/10 Seconds)
- **Color Effects:** To select picture effects.
(Normal/Gray/Sepia/Negative)
- **Image Controls:**
 1. **Brightness:** Press Navigation Key  (0~+2) or press Navigation Key  (0~-2) to select brightness control.
 2. **White Balance:** To select a white tone balance.
(Auto/Sunny/Cloudy/Tungsten/Fluorescent)
- **Settings:**
 1. **Resolution:** To select a resolution for a picture.
(640x480/320x240/160x120)
 2. **Quality:** To select a picture quality. (High/Medium/Low)
 3. **Shutter Sound:** To select a shutter sound.
(Shutter/Silent/Say "Cheez"/Ready! 123)

To enter Review Mode, press Left Soft Key ● ● [Picture].
From there you can view the captured pictures,
view a running count of stored pictures and more.

MY PICTURES

- ❶ Press **OK** [Menu] **4** ghi, **2** abc .
- ❷ In Review Mode, you can view all the pictures you have taken and stored.
- ❸ Select picture image with the Navigation Key  then press **OK** [VIEW].
- ❹ To erase the picture, press Left Soft Key ● ● [ERASE].

MY PICTURES OPTIONS

To access the in picture options, press ●●● [Option].

- **Send:** To send a picture message.
- **Send Online Album :** To send pictures using online Address.
- **Rename:** To edit the picture's title.
- **Lock/Unlock:** To select "Lock" or "Unlock".
- **Erase:** To erase selected pictures.
- **Erase All:** To erase all selected pictures.
- **File info:** To display picture information such as
File Name, Date, Time, Resolution and Size.

■ STARTING MOBILE WEB



LAUNCHING MOBILE WEB 2.0

Now you can access news, sports, weather, e-mail, and download ringtones, wallpapers and graphics from your CDM-8935. Mobile Web 2.0 keeps you updated by providing access to up-to-date information such as news, sports, weather and stock quotes when you subscribe to Internet service with your service provider. Please contact your service provider for a list of available websites and service details.

- 1 To start your Internet Mobile Web and access websites through your wireless handset press **OK** [Menu] **5** jkl .

■ MOBILE WEB MENU

MOBILE WEB MENU

The Mobile Web menu lists the actions necessary to operate the Mobile Web.

To access the Mobile Web menu, press **OK** [Menu] **5** jkl .

HOME

When the home item is selected from the Mobile Web menu, the phone displays the home page.

To display the homepage, press Right Soft Key ●●● [MENU] then press **1** .

BACK

To return to the previous page, press Right Soft Key ●●● [MENU] then press **2** abc .

FORWARD

To forward to the next page, press Right Soft Key ●●● [MENU] then press **3** def .

REFRESH

Selecting the refresh item from the Mobile Web menu refreshes the current page.

To select "Refresh", press Right Soft Key ●●● [MENU] then press **4** ghi .

HISTORY

The history list is available from the Browser Menu and the user may delete all stored pages from the history.

To select "History", press Right Soft Key ●●● [MENU] then press **5** jkl .

SHOW URL

To select "Show URL", press Right Soft Key ●●● [MENU] then press **6** mno .

MANAGE MEMORY

To select "Manage Memory", press Right Soft Key ●●● [MENU] then press **7** pqrs .

DOWNLOADING MELODIES/WALLPAPERS

Downloaded melody ringtones apply to several functions including the incoming call alert, new text message alert, alarm clock and scheduler alarm. Downloaded wallpapers apply to the standby mode.

SETTINGS

To select “Settings”, press Right Soft Key ●●● [MENU] then press **8** luv .

- **Downloads:** Selecting “Downloads” allows the user to enable/disable the ability to download images, background sounds, and objects when a URL is accessed.
- **Restart Browser:** Selecting “Restart Browser” causes the history and cache to be cleared and returns the user to the homepage.
- **Scroll Mode:** Selecting “Scroll Mode” allows the user to select between time-square scrolling (referred to as block scrolling) and smooth scrolling as well as selecting the speed of the smooth scrolling. Scrolling speed choices are medium, fast, and slow.
- **Send Referrer:** When “Send Referrer” is selected from the Settings menu, the browser allows the user to turn sending the referring URL on or off.
- **Key Press Timeout:** When the “Key Press Timeout” item is selected from the Settings menu, the browser allows the user to set the key press timeout as fast, medium or slow. Medium is 1.5 seconds, slow is 2 seconds and fast is 1 second. The key press timeout is the period of time after which the cursor auto-advances to the next entry position. In most cases, a single key can be used to enter more than one character. Each time the key is pressed, the last character of the line is replaced by the next choice for that key. As long as the same key is re-pressed within key press timeout, the last character cycles between all the choices for the key.
- **Connection Timeout:** When the Connection Timeout item is selected from the Settings menu, the browser allows the user to set the connection timeout. The connection timeout determines how long the browser will wait for a response from the network for a network request.

ADVANCED

Selecting the advanced item in the Mobile Web menu displays the advanced menu items.

To select “Advanced”, press Right Soft Key ●●● [MENU] then press **9** wxyz .

- **About...:** When “About” is selected, information about the browser version, copyright information and certificate information is displayed.
- **Encryption:** Selecting “Encryption” from the Advanced Menu enables the user access to Encryption features of the browser.
 1. **Authentication:** The “Authentication” item in the Encryption menu allows the user to toggle authentication caching.
 2. **Root Certificate:** The “Root Certificate” item in the Encryption menu allows the user to view the list of certificates.
 3. **Current Certificate:** The “Current Certificate” item in the Encryption menu allows the user to view the current certificate.
This is only available if a secure connection is established.

EXIT

To exit Mobile Web, press Right Soft Key ●●● [MENU] then press **0** o .

Your phone provides a unique feature -Games & Apps- that enables you to download games and applications from your network to your phone. Please contact your service provider for the availability of these services.



STARTING GAMES & APPS

- ① To launch "Games & Apps"  from the standby mode, press **OK** [Menu] **6 mno** .
- ② When three or more icons appear on the screen, select an application with the Navigation Key.
- ③ To start the application, press **OK** .
- ④ To end the application, press  ① .
The phone will return to the standby mode.

DOWNLOADING APPLICATIONS

- ① Press **OK** [Menu] **6 mno** .
- ② Select "Games & Apps"  with the Navigation Key then press **OK** .
- ③ The phone will access your service provider's server. Follow the prompts to download applications.

- To select an option, press Navigation Key  then press **OK** .
- When a prompt appears, press **OK** to proceed or **CLR** to cancel.

CHECKING DATA FOLDER MEMORY

Downloaded games and applications are saved to the data folder in your phone.

- ① Press **OK** [Menu] **6 mno** .
- ② Select "Settings" with Navigation Key and press **OK** .
- ③ Select "Manage Apps" with Navigation Key  and press **OK** .
- ③ To exit, press  ① .

ERASING AN APPLICATION

- ➊ Press **OK** [Menu] **6 mmo** .
- ➋ Select "Settings" with Navigation Key and press **OK** .
- ➌ Select "Manage Apps" and press **OK** .
- ➍ Select the application to be erased with Navigation Key  then press **OK** .
- ➎ Select "Remove" then press **OK** .
- ➏ Select "Yes" then press **OK** .

■ CALCULATOR

To access the calculator.



- ➊ Press **OK** [Menu] **7 p qrs**, **1 .,.** .
- ➋ Follow the instructions below to calculate $8 \times 6 \div 4 - 2.5$

- Input 8.
- Press the Navigation Key rightward (*).
- Input 6.
- Press the Navigation Key leftward (/).
- Input 4.
- Press the Navigation Key downward (-).
- Input 2 and press  the to input (.)
- Press 5, **OK** .
- Answer appears on the right side of the grey box below calculation.

- ➌ To reset, press Left Soft Key  [CLEAR].



NOTE

- To change the displayed number from positive (+) to negative (-) and vice versa, press  [$\pm$].
- Press Right Soft Key  [OP.] to use parenthesis and "Exponent".

■ CALENDAR

Sets an event and reminds you of that event.



- 1 Press **OK** [Menu] **7** p q r s, **2** a b c .

ADD NEW PLAN

- 1 Move the Navigation Key to choose a date in the calendar and then press **OK** [VIEW]. Press Right Soft Key **...** [Option] to 1. Weekly View, 2. Go To Date, 3. Erase Passed or 4. Erase All.
- 2 To set a new event, press Left Soft Key **...** [Add] then select "Add". The appointment field is highlighted. Press the Navigation Key to set the alarm options.

APPOINTMENT

Use the keypad to enter an appointment name in your schedule.

START TIME

Use the keypad to set a start time and Left Soft Key **...** to select "am" or "pm".

END TIME

Use the keypad to set an end time and Left Soft Key **...** to select "am" or "pm".

REMINDER

Use the Navigation Key to select an alert time interval option (0 Minutes, 5 Minutes, 10 Minutes, 15 Minutes).

START DATE

Use the keypad to change or enter the start date.

RECCURENCE

Use the Navigation Key to select a repeat setting for the appointment the calendar. (Daily, Weekly, Monthly or Yearly).

BY COUNT

Use the keypad to enter an account.

END DATE

Use the keypad to change or enter the end date.

TIME ZONES

Press Left Soft Key **...** [SET] to select a time zone. (OFF, EST, EDT, CST, CDT, MST, MDT, PST, PDT, AKST, AKDT, HAST, HADT, GMT/UTC).

ALERT

Use the keypad to select the alert tone.

VIBRATE

Use the Navigation Key to select vibrate On/Off.

- 3 Press **OK** [SAVE] save it or press **CLR** to return to the calendar.
- 4 The date of the event will be highlighted on your calendar.

VIEW PLAN LIST

- 1 Move the Navigation Key  to choose an event and then press **OK** [VIEW]. To erase plan list, press Left Soft Key **• •** [Erase]. Press **• • •** [Option] to 1. Monthly View, 2. Weekly View, 3. Add, 4. Go To Date, 5. Erase Today or 6. Erase Passed.

■ ALARM CLOCK

You can set up to 3 alarms.



- 1 Press **OK** [Menu] **7** p q r s, **3** def.
- 2 Select one of the entries using the Navigation Key . To set a new alarm, choose alarm 1, 2 or 3. To edit an existing alarm, select that alarm. Press **OK** [OK].
- 3 The setting field will be highlighted. Press the Navigation Key  to select alarm options.

ALARM

Use the Navigation Key  to select alarm On/Off.

TIME

Use the keypad to set a time for the alarm and Left Soft Key **• •** to select "am" or "pm".

FREQUENCY

Use the Navigation Key  to select a setting for the alarm (Once, Daily, Mon - Fri, Weekends).

RINGER

Press Left Soft Key **• •** [SET], to use the keypad to select the alert tone you wish to set.

- 4 To save an alarm setting press **OK** [SAVE].
- 5 To erase alarm, press Right Soft Key **• • •** [Erase]. "Erase the alarm?" will be displayed.
- 6 To erase alarm, press Right Soft Key **• • •** [Yes]. "Erased" will be displayed.

■ WORLD CLOCK



- 1 Press **OK** [Menu] **7** p q r s, **4** g h i.
- 2 Select a city with the Left Soft Key **• •** [Cities]. Or use the Navigation Key  to select another city.
- 3 The world map appears with the city, its date and time. Use the Navigation Key  to select another city.



Pressing Right Soft Key **• • •** [DST], turns all cities supporting Daylight Savings Time on or off.

- 4 To return to the previous page, press **OK** [OK].

■ NOTEPAD

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



- ① Press **OK** [Menu] **7** p q r s, **5** j k l .

NEW

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

- ① To add a new memo, press Left Soft Key **• •** [New].
Input a new text memo.
Please refer to page 32 for more details on entering letters, numbers & symbols.)
- ② To save memo, press **OK** [SAVE].

VIEW

To view a saved memo:

- ① Press **OK** [Menu] **7** p q r s, **5** j k l .
- ② The list of all memos, in saved order, is displayed.
Select a memo then press **OK** [VIEW].
- ③ The selected memo will appear.
To edit it, press **OK** [EDIT] and input a new text memo, then press **OK** [SAVE] to save it.

- ④ 4.1. To add a new memo, press Left Soft Key **• •** [NEW].
- 4.2. To erase a memo, press Right Soft Key **• • •** [Option] "Erase".
- 4.3. To erase all memos, press Right Soft Key **• • •** [Option] "Erase All".

■ STOP WATCH

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



- ① Press **OK** [Menu] **7** p q r s, **6** m n o .
- ② To measure a time period.
 1. To start the stop watch, press **OK** [START].
 2. To pause it, press **OK** [STOP].
 3. To resume it, press **OK** [START].
To reset it, press Right Soft Key **• • •** [RESET].
- ③ To time up to eight events at once:
 1. To start, press **OK** [START].
 2. To stop a time period and continue measuring another one, press Left Soft Key **• •** [CONT].
 3. To stop the second and continue measuring a third one, press Left Soft Key **• •** [CONT].
 4. To measure up to eight time periods, repeat the above steps.
 5. To stop the stop watch, press **OK** [STOP].
 6. To review the results, press Left Soft Key **• •** [VIEW].
 7. To return to the stop watch, press **OK** .
 8. To reset it, press Right Soft Key **• • •** [RESET].

■ VOICE MEMO

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



- 1 Press **OK** [Menu] **7 p q r s**, **7 p q r s**.
- 2 To record a voice memo, press Left Soft Key **• •** [New]. Instructions will be displayed and you will hear "Please record at the tone".
- 3 To stop recording a memo, press **OK** [STOP].

PLAY VOICE MEMO

Select the voice memo you want to play.

- 1 To play voice memo, press **OK** [PLAY].
- 2 To erase all voice memos, press Right Soft Key **• • •** [Option].

- Rename
- Erase
- Erase All
- Send Msg.

■ MY SOUNDS

This menu displays the list of Sound or Ringtone.



- 1 Press **OK** [Menu] **8 t u v**, **1 . - ,**.
- 2 Press Right Soft Key **• • •** [Option], you can to choose from the following:
 - Set as
 - Erase All
 - File Info
- 3 Select the sound you want to play then press **OK** [PLAY].

■ MY PICTURES

This menu displays the list of Picture taken with the Camera.



- 1 Press **OK** [Menu] **8 t u v**, **2 a b c**.
- 2 Press Right Soft Key **• • •** [Option], you can to choose from the following:
 - Send
 - Lock
 - File Info
 - Send Online Album
 - Erase
 - Erase All
 - Rename

■ SOUNDS



RINGER VOLUME

To adjust the Ringer Volume:

- 1 Press **OK** [Menu] **9** wxyz, **1** .:, **1** .:, or Left Soft Key **• •**, **1** .:, **1** .:.

- 2 Press Navigation Key  to select one of the following options, then press **OK** [OK] to save it.

- All Sounds Off
- Vibrate Only
- Low / Medium Low / Medium / Medium High / High

- 3 To play ringer volume, press Left Soft Key **• •** [Play/Stop].

APPLICATIONS VOLUME

To adjust the applications volume level:

- 1 Press **OK** [Menu] **9** wxyz, **1** .:, **2** abc or Left Soft Key **• •**, **1** .:, **2** abc.

- 2 Press Navigation Key  to select one of the following options, then press **OK** [OK] to save it.

- Off / Low / Medium Low / Medium / Medium High / High

CALL SOUNDS

To select a ringer type for incoming calls:

CALL RINGTONE

- 1 Press **OK** [Menu] **9** wxyz, **1** .:, **3** def, **1** .: or Left Soft Key **• •**, **1** .:, **3** def, **1** .:.

- 2 Select your desired ringer type.

- Party/Answer Your Phone/Siren/UT Neumonic/UT Ring
- Press **• •** to Play/Stop the ringer.

- 3 Select one of the available ring types.
To confirm, press **OK**.

CALL VIBRATE

- 1 Press **OK** [Menu] **9** wxyz, **1** .:, **3** def, **2** abc or Left Soft Key **• •**, **1** .:, **3** def, **2** abc.

- 2 Select "On" or "Off" with the  then press **OK** to save it.

ALERT SOUNDS

When selected, this setting alerts you to the following:

TXT MESSAGE

To set an alert to sound when you receive a Text Message:

- 1 Press **OK** [Menu] **9** wxyz, **1** .:, **4** ghi, **1** .: or Left Soft Key **• •**, **1** .:, **4** ghi, **1** .:.

- 2 Select "Tone", "Vibrate" or "Reminder" with the Navigation Key  then select one of the following options by pressing the Navigation Key .

- **Tone:** Party/Answer Your Phone/Siren/UT Neumonic/UT Ring
- **Vibrate:** Select "On" or "Off".
- **Reminder:** Select "Once", "Every 2 Minutes", "Every 15 Minutes" or "Off".

- ③ To save, press **OK** .

PICTURE MESSAGE

To set an alert to sound when you receive a Picture Message:

- ① Press **OK** [Menu] **9** , **1** , **4** , **2** or Left Soft Key **••**, **1** , **4** , **2** .
- ② Select "Tone", "Vibrate" or "Reminder" with the Navigation Key then select one of the following options by pressing the Navigation Key .

- **Tone:** Party/Answer Your Phone/Siren/UT Neumonic/UT Ring
- **Vibrate:** Select "On" or "Off".
- **Reminder:** Select "Once", "Every 2 Minutes", "Every 15 Minutes" or "Off".

- ③ To save, press **OK** .

VOICE MAIL

To set an alert to sound when you receive a Voice mail:

- ① Press **OK** [Menu] **9** , **1** , **4** , **3** or Left Soft Key **••**, **1** , **4** , **3** .
- ② Select "Tone", "Vibrate" or "Reminder" with the Navigation Key then select one of the following options by pressing the Navigation Key .

- **Tone:** Party/Answer Your Phone/Siren/UT Neumonic/UT Ring
- **Vibrate:** Select "On" or "Off".
- **Reminder:** Select "Once", "Every 2 Minutes", "Every 15 Minutes" or "Off".

- ③ To save, press **OK** .

SERVICE ALERTS

ROAM

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

- ① Press **OK** [Menu] **9** , **1** , **5** , **1** or Left Soft Key **••**, **1** , **5** , **1** .

- ② Select "On" or "Off" with the Navigation Key then press **OK** to save it.

MINUTE BEEP

Sounds an alert every minute during a call.

- ① Press **OK** [Menu] **9** , **1** , **5** , **2** or Left Soft Key **••**, **1** , **5** , **2** .

- ② Select "On" or "Off" with the Navigation Key then press **OK** to save it.

CALL CONNECT

Notifies you that a call has been successfully placed.

- ① Press **OK** [Menu] **9** , **1** , **5** , **3** or Left Soft Key **••**, **1** , **5** , **3** .

- ② Select "On" or "Off" with the Navigation Key then press **OK** to save it.

POWER ON/OFF

POWER ON

Allows you to activate/deactivate the power on tones.

- ① Press **OK** [Menu] **9** , **1** , **6** , **1** or Left Soft Key **••**, **1** , **6** , **1** .

- ② Select "On" or "Off" with the Navigation Key then press **OK** to save it.

POWER OFF

Allows you to activate/deactivate the power off tones.

- 1 Press **OK** [Menu] **9** , **1** , **6** , **2** or Left Soft Key **• •**, **1** , **6** , **2** .
- 2 Select "On" or "Off" with the Navigation Key then press **OK** to save it.

FLIP TONE

Allows you to activate/deactivate the Flip tone.

- 1 Press **OK** [Menu] **9** , **1** , **7** or Left Soft Key **• •**, **1** , **7** .
- 2 Select "On" or "Off" with the Navigation Key then press **OK** to save it.

KEY TONE VOLUME

To adjust the key tone volume:

- 1 Press **OK** [Menu] **9** , **1** , **8** or Left Soft Key **• •**, **1** , **8** .
- 2 Press Navigation Key to select one of the following options, then press **OK** [OK] to save it.

• Off / Low / Medium Low / Medium / Medium High / High

DISPLAY

Allows you to customize the display.

**PERSONAL BANNER**

To input a personal greeting:

- 1 Press **OK** [Menu] **9** , **2** , **1** or Left Soft Key **• •**, **2** , **1** .
- 2 Enter a new personal greeting.
To change the input mode, press **• •** [Abc].
- 3 Press **OK** to save it.

ERI BANNER

The Enhanced Roaming Indicator (ERI) feature displays a text banner on the display screen informing the handset user of which systems the wireless device is using as compared to the service plan they purchased. The ERI Banner text changes to tell a customer if they are using the: "Clicklet Clicks", "Extended Network" or "Roaming". Using a Personal Message Banner may prevent the ERI from displaying on the phone.

- 1 Press **OK** [Menu] **9** , **2** , **2** or Left Soft Key **• •**, **2** , **2** .
- 2 Select "On" or "Off" with the Navigation Key then press **OK** to save it.

BACKLIGHT

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

DISPLAY

- 1 Press **OK** [Menu] **9** *wxyz*, **2** *abc*, **3** *def*, **1** .
or Left Soft Key **••**, **2** *abc*, **3** *def*, **1** .
- 2 Select one of the following options with the Navigation Key .

- 7 Seconds, 15 Seconds, 30 Seconds, Always On, Always Off

- 3 Press **OK** to save it.

KEYPAD

- 1 Press **OK** [Menu] **9** *wxyz*, **2** *abc*, **3** *def*, **2** *abc*.
or Left Soft Key **••**, **2** *abc*, **3** *def*, **2** *abc*.
- 2 Select one of the following options with the Navigation Key .

- 7 Seconds, 15 Seconds, 30 Seconds, Always On, Always Off

- 3 Press **OK** to save it.

WALLPAPER

- 1 Press **OK** [Menu] **9** *wxyz*, **2** *abc*, **4** *ghi*.
or Left Soft Key **••**, **2** *abc*, **4** *ghi*.
- 2 To expand selected image, press Left Soft Key **••** [VIEW].
- 3 Select a display from the Animation and the Graphic list using the Navigation Key  and press **OK** to save it.

CLOCK FORMAT

To change the main or front clock's appearance on the standby screen:

- 1 Press **OK** [Menu] **9** *wxyz*, **2** *abc*, **5** *jkl*
or Left Soft Key **••**, **2** *abc*, **5** *jkl*.
- 2 Select "Main Clock" or "Sub Clock".
If "Main Clock" is selected, select one of the following options with the Navigation Key .

- Digital
- Analog

If "Sub Clock" is selected, select one of the following options with the Navigation Key .

- Digital
- Analog

- 3 Press **OK** to save it.

MENU TYPE

To select a display menu style:

- 1 Press **OK** [Menu] **9** *wxyz*, **2** *abc*, **6** *mno*
or Left Soft Key **••**, **2** *abc*, **6** *mno*.
- 2 Select "Graphic Typ" or "List Type" then press **OK** [OK] to save it.

■ PHONE



AIRPLANE MODE

When your phone is in Airplane Mode, it cannot send or receive any calls or access online information. You may still use the phone's other features, such as Notepad, Voice Memos, etc., while you are in Airplane Mode.

- 1 Press **OK** [Menu] **9** wxyz, **3** def, **1** ☰,
or Left Soft Key **• •**, **3** def, **1** ☰.

- 2 Select "On" or "Off" with the Navigation Key  then press **OK** to save it.

LANGUAGE

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

- 1 Press **OK** [Menu] **9** wxyz, **3** def, **2** abc
or Left Soft Key **• •**, **3** def, **2** abc.
- 2 Select "English" or "Español".
- 3 Press **OK** to save it.

LOCATION

To determine whether or not the network system can detect your position:

- 1 Press **OK** [Menu] **9** wxyz, **3** def, **3** def
or Left Soft Key **• •**, **3** def, **3** def.
- 2 Select "E911 Only" or "Location On".

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

- 3 Press **OK** to save it.

SECURITY

Prevents unauthorized use of your phone.

The following settings can be restricted:

- 1 Press **OK** [Menu] **9** wxyz, **3** def, **4** ghi or Left Soft Key
• •, **3** def, **4** ghi then enter your password, press **OK**.



NOTE The default password is the last 4 digits of your phone number.

- 2 Select **1** ☰, "Lock Mode".
- 3 Select one of the following options with the Navigation Key .

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

- 4 Press **OK** to save it.

EDIT CODE

Changes your Device/Location 4-digit password.

1. Press **OK** [Menu] **9** *wxyz*, **3** *def*, **4** *ghi* or Left Soft Key • **•**, **3** *def*, **4** *ghi* then enter your password, press **OK**.



The default password is the last 4 digits of your phone number.

2. Select **2** *abc* "Edit Code".
3. Enter a "New Code" then press **OK**.
4. Enter a "Confirm Code" then press **OK** to save it.

RESTRICT

When you attempt to make a restricted call, "Please Enter your code" appears on the screen.

1. Press **OK** [Menu] **9** *wxyz*, **3** *def*, **4** *ghi* or Left Soft Key • **•**, **3** *def*, **4** *ghi* then enter your password, press **OK**.



The default password is the last 4 digits of your phone number.

2. Select **3** *def* "Restrict".

• OUTGOING CALL

Blocks all dialed calls – except emergency calls – but allows an incoming call to be placed.

1. Press **1** *☎* and select "Allow" or "Restrict" with the Navigation Key .

- **Allow:** Allows an Outgoing call.
- **Restrict:** Restricts an Outgoing call.

2. To save, press **OK**.

• RECENT CALLS

Blocks access to the Recent Calls.

1. Press **2** *abc* and select "Allow" or "Restrict" with the Navigation Key .

- **Allow:** Allows access to Call History.
- **Restrict:** Restricts access to Call History.

2. To save, press **OK**.

• CAMERA

Restricts access to the camera mode.

1. Press **3** *def* and select "Allow" or "Restrict" with the Navigation Key .

- **Allow:** Allows access to the camera.
- **Restrict:** Restricts access to the camera.

2. To save, press **OK**.

• DATA CALL

Restricts a data call from being placed.

1. Press **4** *ghi* and select "Allow" or "Restrict" with the Navigation Key .

- **Allow:** Allows a data call.
- **Restrict:** Restricts a data call.

2. To save, press **OK**.

• 900#S

Restricts calling 900 dial service numbers.

1. Press **5** *jkl* and select "Allow" or "Restrict" with the Navigation Key .

- **Allow:** Allows calls to a 900-dial service.
- **Restrict:** Restricts calls to a 900-dial service.

2. To save, press **OK**.

SYSTEM SELECT

Selects the Preferred System.

- 1 Press **OK** [Menu] **9** wxyz, **3** def, **5** jkl or Left Soft Key ••, **3** def, **5** jkl.
- 2 Select one of the following options with the Navigation Key .

- Automatic B
- Automatic A
- Home Only

- 3 Press **OK** to save it.

CALL



ANSWER OPTIONS

To select an answer mode:

- 1 Press **OK** [Menu] **9** wxyz, **4** ghi, **1** ☎. or Left Soft Key ••, **4** ghi, **1** ☎.
- 2 Select one of the following options with the Navigation Key .

- Flip Open
- Send Only
- Any Key
- Auto Answer

- 3 Press **OK** to save it.

AUTO RETRY

Automatically redials a call after a set time interval.

To end a call, press .

- 1 Press **OK** [Menu] **9** wxyz, **4** ghi, **2** abc or Left Soft Key ••, **4** ghi, **2** abc.
- 2 Press the Navigation Key  up or down to choose the amount of time.

- Off
- Every 3 Seconds
- Every 5 Seconds
- Every 7 Seconds
- Every 10 Seconds

- 3 Press **OK** to save it.

TTY MODE

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

- 1 Press **OK** [Menu] **9** wxyz, **4** ghi, **3** def or Left Soft Key ••, **4** ghi, **3** def.
- 2 Select one of the following options with the Navigation Key .

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

- 3 Press **OK** to save it.

ONE TOUCH DIAL

Allows the phone to use One Touch Dialing.

- 1 Press **OK** [Menu] **9** wxyz, **4** ghi, **4** ghi or Left Soft Key ••, **4** ghi, **4** ghi.
- 2 Select "On" or "Off" with the Navigation Key .
- 3 Press **OK** to save it.

VOICE PRIVACY

Enhances voice privacy and avoids tapping during a call.

- ① Press **OK** [Menu] **9** *wxyz*, **4** *ghi*, **5** *jkl*
or Left Soft Key **•••**, **4** *ghi*, **5** *jkl*.
- ② Select "On" or "Off" with the Navigation Key .
 - **On** : Makes it more difficult to wire tap.
- ③ Press **OK** to save it.

VOICE SERVICES

Voice Dial allows you to call a person by simply saying their name.
To access Voice Dial:

- ① Press **OK** [Menu] **9** *wxyz*, **4** *ghi*, **6** *mno*
or Left Soft Key **•••**, **4** *ghi*, **6** *mno*.

VOICE DIAL

- ① Press **OK** [Menu] **9** *wxyz*, **4** *ghi*, **6** *mno*, **1** 
or Left Soft Key **•••**, **4** *ghi*, **6** *mno*, **1** .
- ② To record a voice dial, press Left Soft Key **•••** [New].
The phone book list will be displayed alphabetically.
Select a name then press **OK** [OK]. Select a
mobile, home, or fax number, which you want to
record. Instructions will be displayed "Press OK and
say name".
- ③ Say the name for the voice tag and repeat the
name when prompted. You will hear "Added".
- ④ To view details about a voice dial entry, press Rihgt
Soft Key **•••** [Option], **1** .
- ⑤ To Re-record a voice dial, press Right Soft Key **•••**
[Option], **2** *abc*. "Voice dial already exists. Re-record?"
will be displayed. To Re-record a voice dial, press Right
Soft Key **•••** [Yes].

- ⑥ To play in speaker mode, press Right Soft Key **•••**
[Option], **3** *def*. If Selected, the auto play mode will be
activated.
- ⑦ To erase a voice dial, press Right Soft Key **•••**
[Option], **4** *ghi*. "Erase Voice Dial?" will be displayed.
To erase a voice dial, press Right Soft Key **•••** [Yes].
- ⑧ To erase all voice dials, press Right Soft Key **•••**
[Option], **5** *jkl*. "Erase All Voice Dials?" will be dis-
played. To erase all voice dials, press Right Soft Key
••• [Yes].

SET ACTIVE

Allows the user to activate or deactivate voice dial service.

- ① Press **OK** [Menu] **9** *wxyz*, **4** *ghi*, **6** *mno*, **2** *abc*
or Left Soft Key **•••**, **4** *ghi*, **6** *mno*, **2** *abc*.
- ② Select one of the following options with the
Navigation Key .
 - Off
 - Send Key
 - Active Flip
- ③ Press **OK** to save it.

DTMF TONES

Enhances voice privacy and avoids tapping during a call.

- ① Press **OK** [Menu] **9** *wxyz*, **4** *ghi*, **7** *pqrs*
or Left Soft Key **•••**, **4** *ghi*, **7** *pqrs*.
- ② Select one of the following with the Navigation Key
.
 - Normal
 - Long
- ③ Press **OK** to save it.

■ BLUETOOTH MENU

The CDM-8935 is compatible with devices that support the Bluetooth headset and hands-free profile(s)*. You may create and store 30 pairings within the CDM-8935 and connect to one device at a time. The approximate communication range for Bluetooth wireless technology is up to 30 feet (10 meters).



Read user guide of each Bluetooth accessory that you are trying to pair with your phone because the instructions may differ.

BLUETOOTH ON/OFF

- 1 Press **OK** [Menu] **9** wxyz , **5** jkl or Left Soft Key **• •**, **5** jkl .
- 2 Press Left Soft Key **• •** [ON/OFF] to activate/deactivate bluetooth mode.

ADD NEW DEVICE

Pairing is the process that allows the handset to locate, establish and register 1-to-1 connection with the target device.

- 1 Press **OK** [Menu] **9** wxyz , **5** jkl or Left Soft Key **• •**, **5** jkl .
- 2 Select "1. New Device", press **OK** .
If Bluetooth is set to off, you will be prompted to "Turn Bluetooth on?".
Select "Yes" and Press Right Soft Key **• • •** [Yes].

- By pressing right soft key **• • •**[Option], you can choose from the following:

1. **My Phone Name:** Your phone's Bluetooth name will appear to other in-range Bluetooth devices, depending on your discovery mode. Enter a new name and press **OK** to save and exit.
2. **Discovery Mode:** To Select discovery "On" or "Off".
If discovery "On" is selected, for one minute other devices can find you.
3. **Supported Profiles:** To Select "Headset" or "Handsfree" profile.

- 3 Instructions (Place device you are connecting to in discoverable mode) will be displayed.
Highlight the device and press **OK** .
- 4 The handset will prompt you for the passkey.
Consult the Bluetooth accessory instructions for the appropriate passkey (typically "0000" - 4 zeroes).
Enter the passkey and press **OK** .
- 5 Once pairing is successful, select "Yes" and press Right Soft Key **• • •** to connect with this device.
- 6 Once paired, you will see the device listed in the "1. Add New Device" menu.

- By pressing Right Soft Key **• • •**[Option], you can choose from the following:

- Remove Device:** To erase selected device.
- Rename Device:** To rename selected device.
- Service Discovery:** To Select "Always Ask" or "Always Connect".
- Device Info:** To view device information.

MENU FUNCTION

SETTINGS

■ PHONE INFO

**MY NUMBER**

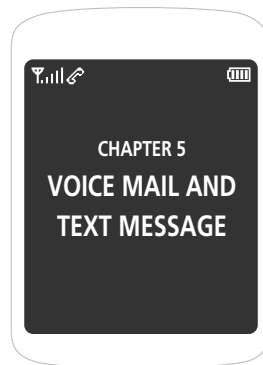
Displays your phone number.

- ① Press **OK** [Menu] **9** wxyz , **6** mno , **1** . or Left Soft Key **• •** , **6** mno , **1** .
- ② You will see the MDN/MIN and provider name.
- ③ To return to the previous page, press **OK** .

SW VERSION

Displays the (ESN (Decimal, Hexadecimal), Software Version, Software Date, PRL Version, ERI Version, Browser Version, Cricket Clicks Version) version.

- ① Press **OK** [Menu] **9** wxyz , **6** mno , **2** abc or Left Soft Key **• •** , **6** mno , **2** abc .
- ② You will see the version of software, browser and others.
- ③ To return to the previous page, press **OK** .



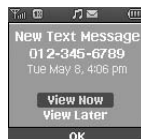
This chapter addresses Voice Mail, TXT, Picture Messaging functions including:

WHEN A NEW MESSAGE ARRIVES
 VOICE MAIL
 NEW MESSAGE
 INBOX
 SENT
 DRAFTS
 SETTINGS
 ERASE

VOICE MAIL AND TEXT MESSAGE

■ WHEN A NEW MESSAGE ARRIVES

- 1 The following display appears when a new message arrives.
- 2 To display the message, select "View Now", then press **OK** [OK].



■ VOICE MAIL

Displays the number of voice mails and accesses them by pressing .



- 1 To access your voice mail, press **OK** [Menu] 2 abc, 2 abc or Navigation Key , 2 abc.

FIRST TIME USER

- 1 Dial *99 and press .
- 2 At the recording, press .
- 3 Follow the voice tutorial to set up your account.

EXISTING USER

- 1 Dial *86 and press .
- 2 At the recording, enter your 4 digit password, then press .
- 3 To listen to new messages, press 1. . . .

VOICE MAIL AND TEXT MESSAGE

■ NEW MESSAGE

To send a new TXT and Picture message:



TXT MESSAGE

- 1 Press **OK** [Menu] 2 abc, 1. . . ., 1. . . . or Navigation Key , 1. . . ., 1. . . .
- 2 Under "To", press Right Soft Key **...** [Option].
 1. **Priority Level:** To select "Normal" or "High".
- 3 Input the phone number and press Navigation Key .
 - By pressing Right Soft Key **...** [ADD], you can choose from the following:
 1. **Contacts:** Search for a phone number stored in the Contacts list.
 2. **Recent Calls:** Search for a phone number stored in the recent calls list.
 3. **Message Groups:** Search the groups stored in the contacts list.
- 4 Under text field, press Right Soft Key **...** [Option].
 1. **Priority Level:** To select "Normal" or "High".
 2. **Save As Draft:** To save message in draft folder.
- 5 Input a new text message. (Please refer to page 32 for more details on entering letters, numbers and symbols.)
 - By pressing Right Soft Key **...** [Option], you can choose from the following:
 1. **Save As Draft:** To save message in draft folder.
 2. **Add Quick Text:** Inserts already written sentences in Text Msg.
 3. **Priority Level:** To select "Normal" or "High".
- 6 To send the text message, press **OK** [SEND].
 - Input at least one text msg field to save in the draft box.



NOTE

PICTURE MESSAGE

- ① Press **OK** [Menu] **2** abc , **1** . , **2** abc .
or Navigation Key  , **1** . , **2** abc .

- ② Under "To", press Right Soft Key **...** [Option].

1. **Save As Draft:** To save message in draft folder.
2. **Priority Level:** To select "Normal" or "High".

- ③ Input the phone number and press .

- By pressing Right Soft Key **...** [ADD], you can choose from the following:
 1. **Contact:** Search for a phone number stored in the Contacts list.
 2. **Recent Calls:** Search for a phone number stored in the recent calls list.
 3. **Message Groups:** Search the groups stored in the contacts list.
 4. **Online Album :** To send pictures by using online Address.



NOTE

You may enter up to 10 contacts.

- ④ Under "Subject", press Right Soft Key **...** [Option].

1. **Save As Draft:** To save message in draft folder.
2. **Priority Level:** To select "Normal" or "High".

- ⑤ Input a subject. (Please refer to page 32 for more details on entering letters, numbers and symbols. Max 100 characters support.)

1. **Save As Draft:** To save message in draft folder.
2. **Add Quick Text:** Inserts already written sentences in Picture message.
3. **Priority Level:** To select "Normal" or "High".

- ⑥ Under text field, press Right Soft Key **...** [Option].

1. **Save As Draft:** To save message in draft folder.
2. **Add Slide:** Insert other Picture message.
3. **Priority Level:** To select "Normal" or "High".

- ⑦ Input a new text message and press Navigation Key



- By pressing Right Soft Key **...** [Option], you can choose from the following:
 1. **Preview:** To preview the written Picture message.
 2. **Save As Draft:** To save message in draft folder.
 3. **Add Quick Text:** Inserts already written sentences in Picture message.
 4. **Add Slide:** Insert other Picture message.
 5. **Priority Level:** To select "Normal" or "High".

- ⑧ Under "More", only one picture and sound can be inserted per message.
Press Left Soft Key **...** [Add], then select the picture and sound you'd like to send and press Navigation Key .

- ⑨ To send a message to another person, select "CC" or "BCC", input the phone number and press Navigation Key . (Please refer to page 32 for more details on entering letters, numbers and symbols. Max 100 characters support.)

- ⑩ To send the Picture Message, press **OK** [SEND].

INBOX

The Inbox manages received Text messages. To access:



- ① Press **OK** [Menu] **2** abc , **3** def or Navigation Key  , **3** def .

- ② Select a message. By pressing Right Soft Key **...** [Option], the user can choose from the following:

VOICE MAIL AND TEXT MESSAGE

REPLY

Type your reply and then press **OK** [OK].

FORWARD

- ① To forward message:
- ② Input the phone number of the person you are sending the message to, then press .
- ③ Input any message to go along with the forwarded message, then press **OK** [SEND].

LOCK & UNLOCK

Select "Lock" to lock the message or "Unlock" to unlock the message.

TO LIST ENTRIES

To save number to contacts.

ERASE

To erase the inbox messages, select "Erase" then select "Yes". Press **OK** [OK].

ERASE ALL

To erase all the inbox messages, select "Erase All" and then select "Yes", press **OK** [OK].

MESSAGE INFO

To show message information.

- ③ Select a message and press **OK** [OK].
The message is displayed. Press **OK** [REPLY] to reply the TXT or Picture message.
- ④ To erase a received message press Left Soft Key ●● [ERASE]. By pressing Right Soft Key ●●● [Option], the user can choose from the following:

VOICE MAIL AND TEXT MESSAGE

FORWARD

- ① To forward message:
- ② Input the phone number of the person you are sending the message to, then press Navigation Key .
- ③ Input any message to go along with the forwarded message, then press **OK** [SEND].

ERASE

To erase the inbox messages, select "Erase" and then select "Yes", press **OK** [OK].

SAVE QUICK TEXT

To save received Text message to "Quick Text".

LOCK & UNLOCK

Select "Lock" to lock the message or "Unlock" to unlock the message.

TO LIST ENTRIES

To save number to contacts.

MESSAGE INFO

To show message information.

VOICE MAIL AND TEXT MESSAGE

■ SENT

Manages sent TXT or Picture messages waiting to be sent.



- 1 Press **OK** [Menu] **2** abc , **4** ghi or Navigation Key  , **4** ghi .
- 2 Select a message. By pressing Right Soft Key **...** [Option], the user can choose from the following:

FORWARD

- 1 To forward message:
- 2 Input the phone number of the person you are sending the message to, then press Navigation Key .
- 3 Input any message to go along with the forwarded message, then press **OK** [SEND].

RESEND

Select to resend a TXT or Picture message.

LOCK & UNLOCK

Select "Lock" to lock the message or "Unlock" to unlock the message.

TO LIST ENTRIES

To save number to contacts.

ERASE

To erase sent message, select "Erase", select "Yes" , then press **OK** .

ERASE ALL

To erase all sent message, select "Erase All", select "Yes", then press **OK** .

VOICE MAIL AND TEXT MESSAGE

MESSAGE INFO

To show message information.

- 3 Select a message and press **OK** [VIEW].
The message is displayed. Press **OK** [SEND] to send the text message.
- 4 To erase a sent message, press Left Soft Key **...** [ERASE]. By pressing Right Soft Key **...** [Option], the user can choose from the following:

FORWARD

- 1 To forward message:
- 2 Input the phone number of the person you are sending the message to, then press Navigation Key .
- 3 Input any message to go along with the forwarded message, then press **OK** [SEND].

ERASE

To erase sent message, select "Erase", select "Yes" , then press **OK** .

LOCK & UNLOCK

Select "Lock" to lock the message or "Unlock" to unlock the message.

SAVE QUICK TEXT

To save the Text message to "Quick Text".

TO LIST ENTRIES

To save number to contacts.

MESSAGE INFO

To show message information.

VOICE MAIL AND TEXT MESSAGE

■ 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 **OK** [Menu] **2 abc**, **5 jkl** or Navigation Key , **5 jkl**.
- 2 Select a message and press **OK** [EDIT].
The message is displayed.
- 3 By pressing Right Soft Key **...** [Option], the user can choose from the following:

SEND

To send a selected message.

LOCK & UNLOCK

Select "Lock" to lock the message or "Unlock" to unlock the message.

ERASE

To erase draft messages, select "Erase", "Yes", then press **OK** [OK].

ERASE ALL

To erase all draft messages, select "Erase All", "Yes" then press **OK** [OK].

VOICE MAIL AND TEXT MESSAGE

■ SETTINGS

Manages messaging features through various features.



- 1 Press **OK** [Menu] **2 abc**, **6 mno** or Navigation Key , **6 mno**.

ENTRY MODE

Sets an Entry Mode as a default. the T9 mode indicator will appear whenever the input mode is activated if the T9 mode is the default.

- 1 Press **OK** [Menu] **2 abc**, **6 mno**, **1** .
- 2 Select "T9Word", "Abc", "ABC" or "123" with the Navigation key  and press **OK** [OK] to save it.

AUTO SAVE

Select if you want to automatically save a message after sending it.

- 1 Press **OK** [Menu] **2 abc**, **6 mno**, **2 abc**.
- 2 Select "On" or "off" with the Navigation Key  and press **OK** [OK] to save it.

AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

- 1 Press **OK** [Menu] **2 abc**, **6 mno**, **3 def**.
- 2 Select "On" or "off" with the Navigation key  and press **OK** [OK] to save it.

VOICE MAIL AND TEXT MESSAGE

TEXT AUTO VIEW

If the Text Auto View is set to on, the user will be able to view the message by pressing the read key. If the Text Auto View is set to off, the user can view the message by entering Messaging Menu -> Inbox.

- 1 Press **OK** [Menu] **2** abc , **6** mno , **4** ghi .
- 2 Select "On" or "off" with the Navigation Key  and press **OK** [OK] to save it.

AUTO RECEIVE

Select if you want to automatically retrieve a message as soon as you receive it.

- 1 Press **OK** [Menu] **2** abc , **6** mno , **5** jkl .
- 2 Select "On" or "off" with the Navigation key  and press **OK** [OK] to save it.

QUICK TEXT

Quick Text is a short message that you can use over and over again, when sending a text message or photo message. Here, you can edit the Quick Text messages that you have saved or add new ones.

- 1 Press **OK** [Menu] **2** abc , **6** mno , **6** mno .
- 2 Select one of the following with the Navigation Key  .
By pressing Right Soft Key **...** [Option], the user can choose from the following:

- **1. New:** Add to Quick Text.
- **2. Edit:** Edit a Quick Text.
- **3. Erase:** Erase a Quick Text.

- 3 Press **OK** [OK] to save it.

VOICE MAIL AND TEXT MESSAGE

VOICE MAIL

- 1 Press **OK** [Menu] **2** abc , **6** mno , **7** pqrs .
- 2 Input a new voice mail number or edit voice mail number.
- 3 Press **OK** [OK] to save it.

CALLBACK

- 1 Press **OK** [Menu] **2** abc , **6** mno , **8** tuv .
- 2 Input a new callback number or edit voice callback number.
- 3 Press **OK** [OK] to save it.

SIGNATURE

Create a signature that can automatically be inserted at the end of a message.

- 1 Press **OK** [Menu] **2** abc , **6** mno , **9** wxyz .
- 2 To activate Signature function, select "Custom". To deactivate Signature function, select "None".
- 3 Enter the Signature Edit window by pressing the Navigation Key  .
- 4 Press **OK** [OK] to save it.

VOICE MAIL AND TEXT MESSAGE

■ ERASE MESSAGES

Manages messaging features through various features.



① Press **OK** [Menu] **2** abc , **7** pqrs or Navigation Key  , **7** pqrs .

② 2.1. To erase all inbox messages, press **1** .☒ .

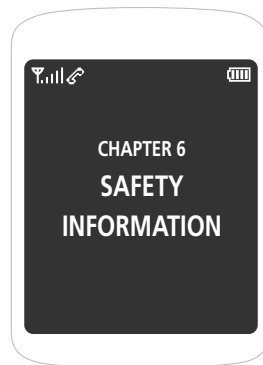
2.2. To erase all draft messages, press **2** abc .

2.3. To erase all the sent messages, press **3** def .

2.4. To erase all messages, press **4** ghi .

③ Select "Yes" or "No".

④ Press **OK** [OK] to erase all.



SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAR INFORMATION

FDA CONSUMER UPDATE

SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

SAFETY INFORMATION FOR FCC RF EXPOSURE

Warning: Read this information before using.

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 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.

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.

If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY INFORMATION

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.

Also, if using your phone while driving please:

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

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.

SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

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.

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).

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY INFORMATION

OTHER MEDICAL DEVICES

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

Turn your phone OFF in healthcare 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.

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

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

OTHER SAFETY GUIDELINES

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 twoway 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.

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.
- DO NOT short-circuit the battery terminals with metal items, etc.
- DO NOT connect incompatible products. When connecting to any other device, read its user guide for detailed safety instructions.
- DO NOT use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
- DO NOT touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.



SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

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.



WARNING : - This product contains a chemical known to the State of California to cause cancer.
- This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

SAFETY INFORMATION

BATTERY SAFETY

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

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.
- 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.

CHARGER

The travel charger and desktop charger designed by UTStarcom for this unit both require the use of a standard 120 V AC power source for their operation.

Never attempt to disassemble or repair a travel charger or desktop charger. Never use a travel charger or desktop 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 travel charger or desktop 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 travel charger or desktop charger when it is connected to an AC power source.

Always use the authorized UTStarcom travel charger or desktop charger to avoid any risk of bodily injury or damage to your cellular phone or battery.

Never attempt to connect or disconnect the travel charger or desktop charger with wet hands. Always unplug the travel charger or desktop 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 travel charger or desktop charger from the power source when it is not in use.

CAMERA

Do not aim your camera at the sun. The sunlight passing through the camera lens may cause damage to the camera.

Do not use your camera's flash close to a person's eyes. This may cause the person to lose eyesight temporarily and result in an accident.

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.

CDM-8935'S ALI CAPABILITY

The CDM-8935 is an ALI-capable phone equipped with a GPS (Global Positioning System) receiver supporting a satellitebased GPS ALI-capable network to comply with the FCC's ALI requirements.

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

SAFETY INFORMATION

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

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

Finally, customers are advised that the CDM-8935's ALI capability is to be used for E911 purposes only.

EMERGENCY CALLS

1. Enter "911" then press  .
2. The call connects.
3. To exit emergency mode, press  .

SAFETY INFORMATION FOR FCC RF EXPOSURE

SAFETY INFORMATION

WARNING! Read this information before using your phone

CAUTION

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.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

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.

Body-worn Operation (Holster Part Number : 2H020665002)

This device was tested with holster (Part No: 2H020665002) for bodyworn operation with the back of the phone kept 0.59 inches (15mm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.59 inches (15mm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. All belt-clips, holsters and similar accessories used by this device must not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with FCC RF exposure limits and should be avoided.

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

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 radio-frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.04 W/kg and when worn on the body, as described in this user guide, is 0.581 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 FCC ID Search Page of <http://www.fcc.gov/oet/fccid> after searching on PP4PN-E330.

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



U.S. Food and Drug Administration
Center for Devices and Radiological Health
Consumer Update on Mobile Phones

1. 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 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.

2. 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 subject of the safety questions discussed in this document.

3. 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 far below the FCC safety limits.

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 predisposed 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. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects.

Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. 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.

10. 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.

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.

SAFETY INFORMATION

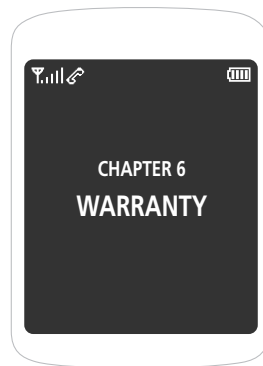
FDA CONSUMER UPDATE

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.

12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones:
(<http://www.fda.gov/cdrh/phones/index.html>)
- Federal Communications Commission (FCC) RF Safety Program:
(<http://www.fcc.gov/oet/rfsafety>)
- International Commission on Non-Ionizing Radiation Protection:
(<http://www.icnirp.de>)
- World Health Organization (WHO) International EMF Project:
(<http://www.who.int/emf>)
- National Radiological Protection Board (UK):
(<http://www.nrp.org.uk/>)



12 MONTH LIMITED WARRANTY

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) months 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, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

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

This Warranty does not apply to:

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

**12 MONTH LIMITED
WARRANTY****WARRANTY**

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. 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).

WARRANTY

12 MONTH LIMITED WARRANTY

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.

IN USA: UTStarcom Personal Communications
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) 465-9672