

TX-95C

TX-95C

OWNER 'S MANUAL

CDMA DIGITAL
WIRELESS HANDSET



HYUNDAI
<http://www.curitel.com>



Mobile Camera
(VGA 33
Frames)



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HYUNDAI

WELCOME

Thank you for choosing the new TX-95C, developed by top researchers to support the CDMA2000 1X system through Qualcomm-manufactured MSM 6050 and CDMA technologies.

Among its many advanced features, the T9 input mode makes it much easier to enter words and names. In addition, the following state-of-the-art features make the TX-95C more user friendly:

- Full graphic display of 9 text input lines and 1 icon line with variable font size.
- Voice Activated Dialing feature for easy dialing.
- T9' text input mode for easier message and name entry.
- Web browsing & data services (i.e.; wireless internet access, Openwave, UP browser)
- Dual LCD Displays with inner TFT 65K Color LCD Display.
- Built in camera.
- Sophisticated features: Speaker Phone and downloadable games, ringers and graphics.

IMPORTANT INFORMATION

This TX-95C user guide contains important information about how to handle and use the product. So please read this manual thoroughly, pay attention to the warranty on the back page and be aware of the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

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Chapter 1

BEFORE USING YOUR PHONE

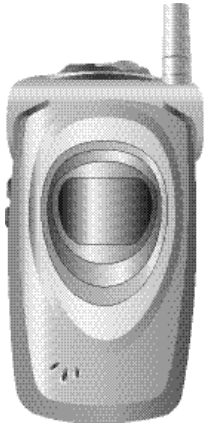
This chapter provides important information about using the TX-95C including:

- INSIDE THE PACKAGE
- HANDSET DESCRIPTION
- BATTERY USAGE
- BATTERY HANDLING INFORMATION

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.

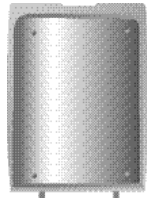
HC
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1ea handset



1ea travel adaptor



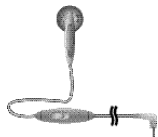
1ea battery



1ea user guide



1ea hand strap



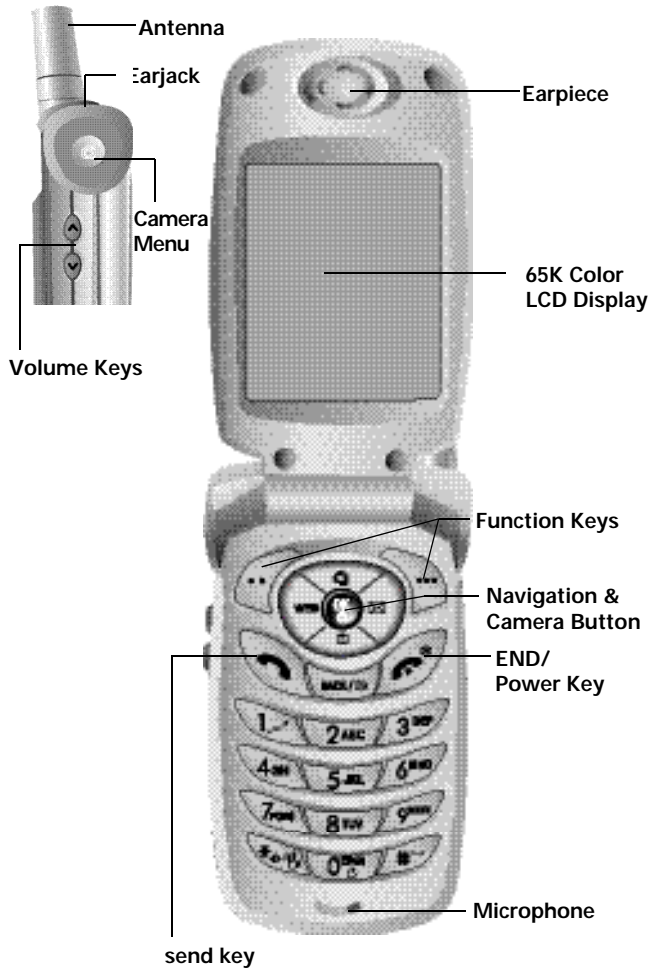
1ea ear-mic

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HANDSET DESCRIPTION

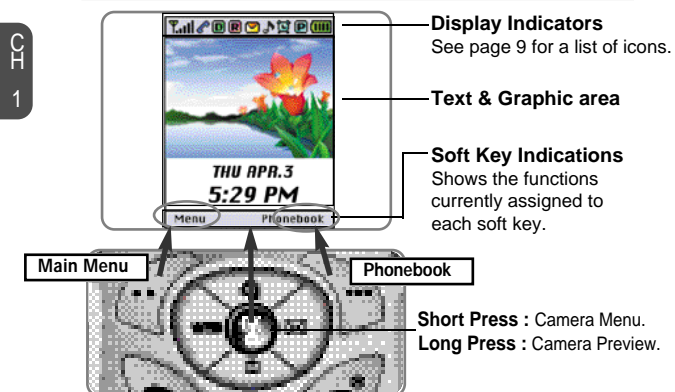
This phone is a tri mode (800 MHz AMPS/CDMA, 1900 MHz PCS) CDMA2000 1X digital phone with camera and web browsing capabilities. The TX-95C weighs 3.89 oz. And the dimensions are 1.82" x 3.56" x 0.92".

HC
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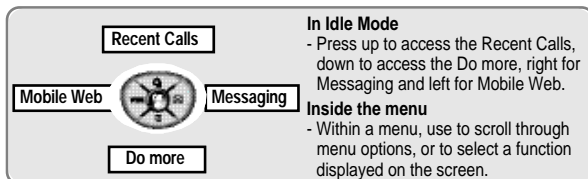


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HANDSET DESCRIPTION



NAVIGATION KEY





THE FUNCTION KEYS

-  Press to make or receive a call.
Press and hold to activate VR mode.
-  Press to turn the phone on/off, to terminate a call or to return to the idle display.
-  (Soft 1) Press to access the menu or function displayed on bottom line.
-  (Soft 2) Press to access Phonebook.
-  Press to access mobile web service.
-  Press to clear a digit from the display or to return to the previous page.
Press and hold to enable speaker phone mode.
-  Press and hold to enter Etiquette Mode.

















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HANDSET DESCRIPTION

 Press to scroll through the items and adjust volume up/down.

 Press and hold to enter camera mode.





DISPLAY INDICATORS

-  **Signal Strength** - Current signal strength – the more lines, the stronger the signal.
-  **Roaming**
Phone is out of home area.
-  **Service Indicator**
 indicates call is in progress,  indicates the phone cannot receive a signal from the system.
-  **Message**
New text or voice message.
-  **Digital mode**
Phone is operating in digital mode.
-  **Battery** - Battery charging level – the more blocks, the stronger the charge.
-  **Mute**
Phone is mute during a call.
-  **Silent**
Appears when Silent is selected as a ringer mode.
-  **Emergency Call**
Blinks when an emergency call is in progress.
-  **Auto Answer Icon**
Phone is in answering machine mode.
-  **Etiquette Mode**
Phone will vibrate when call is received.
-  **Schedule**
Appears when either an event or an alarm is set.
-  **Ringer Mode**
Appears when a ringer is set as a ringer mode.
-  **Head Set**
Appears when headset is connected to the phone.

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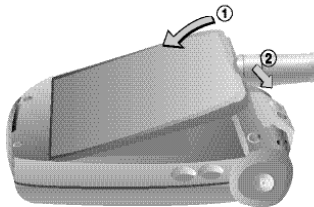
BATTERY USAGE

 HC
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-  **1X**
Phone is in the 1x service area.
-  **Unread Web Message**
-  **Read Web Message**
-  **Web Message + Text Message**
-  **Web Message + Voice Message**
-  **Web Message + Text Message + Voice Message**
-  **Up Browser**
Phone is in the progress of Up Browser.

BATTERY INSTALLATION

- 1** Place the battery on the back of the handset and slide into place. **2** Push the battery down until it locks into place.

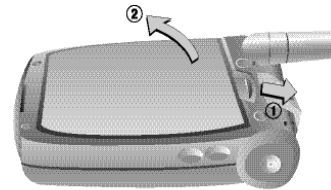


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BATTERY USAGE

BATTERY REMOVAL

- 1** Pull down the release latch, lift up the battery and **2** remove the battery from the handset.

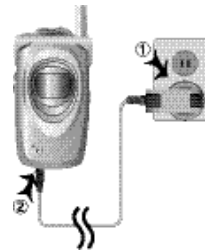


Make sure the battery is securely placed to avoid detaching from the phone.

BATTERY CHARGING

POWER CONNECTION

- 1** Plug the AC charger into a standard outlet.



- Fully charge the battery before using – it is not charged when purchased.
- Be sure to use the right CNR-4 adaptor (which was included in full kit) during charging. If not , the phone will be damaged .

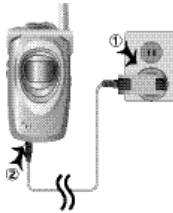
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BATTERY USAGE

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CHARGING THE BATTERY WITH THE HANDSET

- 1 Attach the handset (with battery attached) to the charger.



It is more efficient to charge the battery with the phone turned off.

1X BATTERY TIMES

The operating time is subject to your handset usage and configuration.

Battery Capacity	DCS	PCS
STD 1000 mAh	190m	200m
EXT 1700 mAh	310m	350m



- DCS, PCS talk times were measured with auto program.
- AMPS talk times were measured at pwr level 0.

BATTERY LIFE (FOR NEW BATTERY)

The operating time is subject to your handset usage and configuration.

Battery Capacity	CDMA
STD 1000 mAh	140hour
EXT 1700 mAh	240hour



- DCS, PCS standby times were measured in slot cycle index 1.
- AMPS standby times were measured in only amps mode

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BATTERY HANDLING INFORMATION

DOs

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

DON'Ts

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

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MEMO

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Chapter 2

BASIC OPERATION

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2

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


- TURNING THE PHONE ON / OFF
- ACCESSING THE MENU
- MENU SUMMARY
- BASIC FUNCTIONS
- DURING A CALL
- MAKING AN EMERGENCY CALL

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TURNING THE PHONE ON / OFF

TURNING THE PHONE ON

- 1 Press  until your "Power On" logo appears and the tone sounds.



- To select a logo, refer to page 59 for more details. (Settings>Display>Graphic) for more detail.
- If "Password" is displayed, the phone is locked. Enter 0000 password to unlock your phone.
- The default password is 0000 of your phone number.

TURNING THE PHONE OFF

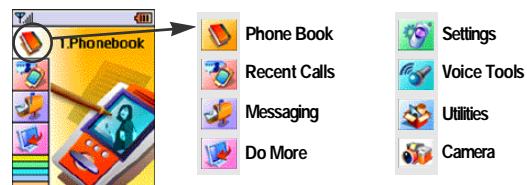
- 1 Press and hold  until your "Power Off" logo appears.







- 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 draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, data may be lost.





ACCESSING THE MENU

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  [MENU].
- 2 Use the Navigation key to scroll through the menu.
- 3 To return to the previous page, press  . To exit the current menu and return to idle mode, press  .
- 4 Press  to select a highlighted option or press the option's number to access it.

MENU SUMMARY

1. Phone Book 	1. Find	1. By Name 2. By Number			
	2. Add New				
	3. Group				
	4. Speed Dial 5. My Phone #				
2. Recent Calls 	1. All Calls				
	2. Missed Calls				
	3. Received Calls				
	4. Dialed Calls				
	5. Call Timers	1. Last Call 2. Home Calls 3. Roam Calls 4. All Calls 5. Lifetime			
3. Messaging 	1. Voice Mail	1. Check Voicemail 2. Clear Count			
	2. Text MSG	1. Send Message	1. Send Message 2. Inbox 3. Outbox 4. Saved 5. Web MSG 6. Quick Text 7. Erase All	1. Inbox 2. Outbox 3. Saved 4. Voice Mail 5. Web MSG 6. Quick Text	
			8. Settings	1. Save Sent MSG 2. Default Callback 3. Alert 4. Display Deliv.ACK 5. Auto Erase 6. Entry Mode 7. Direct View	
	3. MMS MSG	1. Send Message	1. Send Message	1. Alert	
		2. Inbox		2. Memory Status	
		3. Outbox		1. Inbox	
		4. Sent		2. Outbox	
		5. Draft		3. Sent	
6. Template			4. Draft		
7. Settings			5. Template		
4. Do More 	1. Connect Web	1. Launch WEB			
	2. Sounds	4. Prompt			
		1. Get New 2. Ringtones			

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MENU SUMMARY

4. Do More 	3. Images	1. Get New		
		2. Picture Album		
5. Settings 	4. Applications	3. Wallpaper		
		1. Get New		
		1. Ringer Type	1. Ringer 2. Voice mail 3. Text MSG 4. MMS Msg 1. Ringer 2. Key Tone 3. Voice Call 4. Speaker Phone	
		2. Volume	1. Minute 2. Roam 3. Connect 4. Fade 5. Low Signal 6. On/Off Tones	
		3. Alerts	1. Fold 2. Grid	
	2. Display	4. Roam Ringer	5. Tone Length	1. Standby 2. Power On 3. Power Off 4. Incoming Call 5. Outgoing Call 6. Screen Saver 7. Sub LCD
			1. Menu Style	1. Main LCD 2. Sub LCD
		2. Graphic	3. Greeting Message 4. Contrast	1. Main LCD 2. Key Pad
	3. Internet	5. Backlight	1. Home URL	
			2. Prompt	
	4. Security	3. Data SVC.	1. Phone Lock	1. Connection
2. Restrict			1. Outgoing calls 2. Recent calls 3. Phonebook 4. Camera 5. Data calls 6. 900#s	
5. Applications	3. Change Code	4. Special #'s		
		5. Erase All		
		6. Reset Phone		
		1. Backlight		
		2. Volume		
		3. Msg Alert		

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MENU SUMMARY

	6. System	1. Set Mode 2. Nam Setting	1. Set NAM
	7. Airplane Mode 8. Others	1. Call Answer 2. Active Flip 3. Auto Retry	1. Retry Time 2. Repeat 1. Set Active 2. Car Kit
		4. Voice Dial	
		5. Auto Answer 6. TTY Mode	
	8. Handset Info.	1. Serving System 2. Version 3. Mobile ID	
		1. Record 2. Play 3. Play Speaker 4. Erase All	
6. Voice Tools 	1. Voice Memo	1. Record 2. Play 3. Play Speaker 4. Erase All	
	2. Voice Dial	1. Record 2. Play 3. Play Speaker 4. Erase All	
	3. Train Words	1. Yes 2. No 3. Wake-Up 4. Undo Train All	
		1. Add Plan 2. View event list	
7. Utilities 	1. Event	1. Item 1 2. Item 2 3. Item 3	
	2. Alarm	1. Add Memo 2. View Memo 3. Settings	
	3. Memo Pad		
	4. Calculator 5. World Clock 6. Stop Watch		
8. Camera 	1. Take Picture 2. Picture Album		

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BASIC FUNCTIONS

MAKING A CALL

1 Enter a phone number.




To modify the phone number you have entered :

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




2 Press .
The indicator , will be displayed.



- If "Call Failed" is displayed or if the line is busy, press .
- If you activate the "Auto Retry" function, the phone will automatically retry the phone number for the set amount of times selected. (refer to page 74).
- When you place or receive a call to from stored phone numbers, both the name and phone number will be displayed.
- You can also make calls using VR mode (voice activated dialing). Please refer to page 92 for more details.




3 To end a call, press .

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BASIC FUNCTIONS

SPEAKER PHONE


1 To activate the speaker phone in idle, answering or calling modes, press and hold .



2 After you have ended your call, speaker phone mode deactivates.

NOTE The phone resets to Speaker Phone Off when it is turned off and on again.

PAUSE FEATURE

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. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.




1 Enter a phone number, then press  [MENU] to insert a pause.


2 Press  to dial or  [STO] to store. Please refer to page 28 for more details about storing a phone number.


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BASIC FUNCTIONS

ANSWERING A CALL

1 To answer a call, press any key except ,  or .

NOTE In the Settings menu, you can select either "Any Key" or "Send Key" to answer a call. If "Send Key" is selected, the phone can only be answered by pressing . See page 73 for more information.

2 To end the call, press .

NOTE In Auto Answer Mode, a call is automatically answered after a preset number of rings. See page 75 for more information.

CALLER ID FUNCTION

Displays the caller's name and phone number, if available in the phone book. This feature is system dependent. Please contact your service provider for details.

NOTE The caller ID is stored in the call history.

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BASIC FUNCTIONS

CALL WAITING FUNCTION

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

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

ADJUSTING VOLUME

Adjusts the volume of the ringer, key tone and speaker.

- 1 Press [MENU] and select one of the following.

- Ringer : Controls the ringer volume.
- Key Tone : Controls the keypad tone.
- Voice Call : Controls the earpiece volume.
- Speaker Phone : Controls the speaker volume.

- 2 Adjust volume and press [OK] to save the setting.



Use side keys or navigation up or down keys during a call.

ETIQUETTE MODE

Mutes key tones and activates the vibration mode to alert you of an incoming call or message.

- 1 To turn etiquette mode on/off, press and hold . will be displayed to indicate etiquette mode is active.

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DURING A CALL

To display menu options during a call, press .

MESSAGING

Allows you to send a text message during a call.

- 1 Press [MENU] .

MUTE (UNMUTE)

Mutes the microphone while you are on a call so the other party cannot hear you if you speak.

- 1 Press [MENU] .

- To deactivate, press [MENU] .
- The phone will automatically un-mute in Emergency Call or Callback mode.

SILENT

Prevents the other end from hearing tones if any key is pressed during a call.

- 1 Press [MENU] .

- Press [MENU] to deactivate it.

SEND MY PHONE

Automatically transmits your phone number to a pager during a call. (Dependent on pager service)

- 1 To transmit your phone number during a call, press [MENU] .

MY PHONE NUMBER

Displays your phone number.

- 1 Press [MENU] .

HANDSET INFORMATION


Notifies you of your handset information. Please see page 77 for more details.

- 1 Press [MENU] .


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MAKING AN EMERGENCY CALL

EMERGENCY NUMBER IN LOCK MODE

- 1 Enter emergency number and press .
- 2 The call connects.
- 3 The phone exits the Lock Mode for 5 minutes.
 - When the call ends, the phone returns to the Lock Mode.

EMERGENCY NUMBER USING ANY AVAILABLE SYSTEM

- 1 Enter emergency number and press .
- 2 The call connects.
- 3 The phone maintains the Emergency Mode for 5 minutes.
 - When the call ends, the phone returns to the Lock Mode.
 - The phone continuously attempts to receive service from any available system.

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Chapter 3

MEMORY FUNCTION










This chapter addresses memory functions including:

- STORING A PHONE NUMBER
- ENTERING LETTERS, NUMBERS & SYMBOLS
- MAKING A CALL THROUGH THE PHONE BOOK

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STORING A PHONE NUMBER

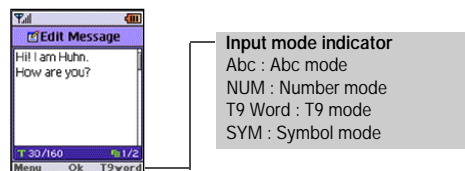
The phone book stores up to 300 entries.

- 1 Enter phone # and press  [SAVE].
- 2 Choose "New Contact" or "Existing Contact". Press  [OK] to select.
- 3 The phone number will appear above a list of icons. The name of the icon is displayed below the list. Use the navigation key to choose the type of number you are entering, as indicated by the icon. Press  [OK] to select.
- 4 Enter a name and press  [OK].
Follow instructions on page 29 for entering text. To change the input mode, press  [MODE]. Press the navigation key down to select the group. Press the navigation key down to select other options (secret, email).
 -  Group – Personal, Business, Etc.
 -  Graphic.
 -  Set Secret – Lock, Unlock.
 - The other fields are set to Numeric mode as a default.
- 5 To store the entry, press  [SAVE] "New contact added!" or "Contact edited!" will be displayed.







ENTERING LETTERS, NUMBERS & SYMBOLS

The input mode (Alpha editor) will be automatically activated when necessary to enter letters and numbers. As shown below, there are 4 available modes : Standard input mode (Abc), T9 input mode (T9Word), Numeric mode (NUM) and Symbol mode (Symbols).

The input mode indicator appears on the lower right of the display when letters and numbers are entered. To select an input mode, press  [MODE].



The following illustrates the function assigned to each key in the Alpha Editor.

KEY	FUNCTION
 Mode	Press to change mode. [T9Word][Abc][NUM][Symbols].
 Next	Press to view the next matching word if the highlighted word is not the word you intended.
 Space	Press to accept a word and add a space.
 Caps Lock	Press to select a letter case of the standard text input or T9 text input mode. [Abc], [ABC], and [abc] indicate the standard text input. [T9Word], [T9WORD], and [T9word] indicate the predictive text input.
 Clear	Press to delete a character to the left of the cursor.
 Save	Store the letters and numbers you enter.

ENTERING LETTERS, NUMBERS & SYMBOLS

STANDARD INPUT MODE

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

1 Enter letters using the keypad as follows:

Keypad	1 Time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
1	1	.	@	-	'
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

To change the input mode, press [Abc].

2 To enter a space, press . After two seconds, the cursor will automatically move to the next column.

3 Repeat until letters are entered. There is a 16-letter limit.

4 To delete one digit, press . To delete the entire entry, press and hold .

5 To change from lowercase to uppercase, press .



Select Abc mode, by pressing [Abc].

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

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

- To enter the name "John":

Press J
 Press o
 Press h
 Press n

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ENTERING LETTERS, NUMBERS & SYMBOLS

T9 INPUT MODE

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

1 Select the T9Word mode by pressing [Abc].

2 Press a digit key once to enter the character you want and enter all the characters to input the word you want.

3 To view the next matching word, press .

4 To accept matching word and enter a space, press .



To enter a compound word.

- Enter the first part of the word and press to select it.
- Enter the last part of the word and press to accept the word and add a space.



To enter "phone book" in the T9 input mode.

- Press [Abc] to select the T9 input mode and to choose the small letter case (T9Word).

- Press and you will see "phone" highlighted. Press to see the next matching word and to select it.


- Press and you will see "book" highlighted. Press to move to the next matching word and to select the compound word and enter a space.

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ENTERING LETTERS, NUMBERS & SYMBOLS


NUMERIC MODE

Enters numbers.

- 1 Press  [Abc] to select Numeric Mode [NUM].
- 2 To enter a number, press a digit key.

SYMBOL MODE

Allows you to enter symbols.

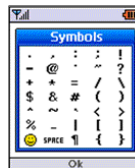
- 1 Press  [Abc] to select Symbol Mode [SYM].
- 2 Choose the symbol you want to enter with the navigation key.


- Use the navigation key to view a different line of symbols.

Press [ ],

or

Press [ ],



- 3 Press  to select the symbol.

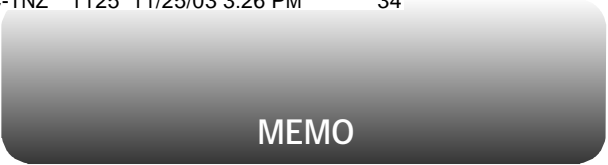
MAKING A CALL THROUGH THE PHONE BOOK

SPEED DIALING

Dials a number simply by pressing its location number.
Please refer to page 40 for more information.



- "Unassigned" appears if the location pressed is available.
- A phone number that is set secret will not be displayed.
- A call can be made by press and hold its entry number.



Chapter 4

MENU FUNCTION




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

- PHONE BOOK
- CALL HISTORY
- DO MORE
- SETTINGS
- UTILITIES
- CAMERA







PHONE BOOK

Stores up to 300 entries, each of which can be assigned to a group. Entries can be retrieved by name, phone number or group.

FIND







Retrieves an entry by name and number, and calls by simply pressing .

BY NAME

- 1 Press  [MENU]   .
- 2 Enter a name or its character string and press the navigation key to display the names in alphabetical order. Please refer to page 29 about using the Alpha Editor.
 - If there is no match, "Cannot Find Name" will appear.
- 3 All matching entries will be displayed. Select an entry and either delete it by pressing  [MENU] to view the time of the following items:
 - - Send Msg./Erase/Prefix
 - If the entry is set to secret, you will be asked for your password.
- 4 To call the selected number, press .

PHONE BOOK




BY NUMBER

- 1 Press  [MENU]   .
- 2 Display the list of all phone numbers.
- 3 To search through the menu, enter a part of the phone number and press the navigation key.
 - If there is no match, "Cannot Find Name" will appear.
- 4 All matching entries will be displayed. Select an entry and either delete it by pressing  [MENU] to view the time of the following items:
 - - Erase/Prefix
 - If the entry is set to secret, you will be asked for your password.
- 5 To call the selected number, press .


PHONE BOOK

ADD NEW

Adds a new entry.

- 1 To add a new entry to the phone book, press  [MENU]  .
- 2 To enter a name or number, use the navigation key to select the phone book field.







• **PHONE BOOK FIELD :**
Name/Group/Mobile/Home/Office/Pager/Fax/Email/
Wireless Addr./Ringers/Msg.Ringer/Graphic/Memo/
Set Secret.

- 3 To save the entry, press  [SAVE].
To return to the previous page, press [BACK].
Please refer to page 28 about storing a phone number.

GROUP

Adds, changes and deletes groups.



ADD NEW GROUP

- 1 To add a new group, press  [MENU]   .
- 2 Press  [MENU] to select "Add Group".
- 3 Enter a new group name.
- 4 Press  [OK] to save it.

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PHONE BOOK



CHANGE GROUP NAME

- 1 Select an existing group name using the navigation key.
- 2 Press  [MENU] to select "Rename".
- 3 Enter a new group name.
- 4 Press  [OK] to save it.



Do not edit default group name. (All, Personal, Business, Etc.)

ERASE GROUP

- 1 To select the entry you want to delete group use the navigation key.
Please again to confirm.
- 2 Press  [ERASE] to delete it.
- 3 Press  [OK] to confirm it.



Do not erase default group name. (All, Personal, Business, Etc.)

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PHONE BOOK

SPEED DIAL

In idle mode, calls can be placed to numbers stored in speed dial by pressing its location number on the keypad.

- 1 Press [MENU] .
- 2 To assign a phone number to a location, select the location and press [SET].
 - If a phone number is already assigned to the location, press [ERASE] and [OK] to delete.
- 3 Select the entry and press the navigation key; select the phone number and press the navigation key again.
- 4 Select an entry and either delete it by pressing [MENU] to view the time of the following items:

- - Send Msg./Erase/Prefix

MY PHONE

To display your phone number and service provider.

- 1 Press [MENU] .
- 2 To return to the previous page, press [OK].

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RECENT CALLS

In idle mode, you can access Call History by pressing [MENU], .

ALL CALLS

Displays information about the 20 most recent calls each of [Missed Calls], [Received Calls] and [Dialed Calls].

- 1 To see a list of the all calls, press [MENU] . If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view details, press .
- 3 Press [SAVE] to save the number or press [ERASE] to delete it.
- 4 Select an entry and either delete it by pressing [MENU] to view the time of the following items:


- - Save/Prefix/Send Msg./Erase All




NOTE After each the 20th call of [Missed Calls], [Received Calls] and [Dialed Calls], the oldest call will automatically be erased from the history.


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RECENT CALLS




MISSED CALLS


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

1 To see the list of the 20 most recently missed calls, press  [MENU]  .
If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.


2 To view missed call details, press .

 Call details include date, time and phone number.

3 Press   [SAVE] to save the number and  [ERASE] to erase it.


4 Select an entry and either delete it by pressing  [MENU] to view the time of the following items:




-  - Save/Prefix/Send Msg./Erase All


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


RECENT CALLS




RECEIVED CALLS


Displays information of the 20 most recently answered calls. Saves the numbers and places calls by simply pressing .

1 To see the list of the 20 most recently answered calls, press  [MENU]  .
If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.


2 To view incoming call details, press .

 Call details include date, time and phone number.

3 Press   [SAVE] to save the number and  [ERASE] to erase it.


4 Select an entry and either delete it by pressing  [MENU] to view the time of the following items:





-  - Save/Prefix/Send Msg./Erase All

 After the 20th incoming call, the oldest call will automatically be erased from the history.

RECENT CALLS





DIALED CALLS

Displays information about the 20 most recently dialed numbers. Saves the numbers and places call by simply pressing .

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



The detail includes date, time, and phone number of outgoing calls.

- 3 Press   [SAVE] to save the number and press  [ERASE] to erase it.
- 4 Select an entry and either delete it by pressing  [MENU] to view the time of the following items:

- - Save/Prefix/Send Msg./Erase All



After the 20th outgoing call, the oldest call will automatically be erased from the history.





RECENT CALLS

CALL TIMERS

Checks the talk time and manages your calls within the limit you set. The four timers include:






LAST CALL

Displays talk time of last call.

- 1 Press  [MENU]  .
- 2 To return to the previous page, press .






HOME CALLS

Displays talk time of all calls made within Home area.

- 1 Press  [MENU]   and the message "Not intended for Billing Purposes" appears for 5 seconds.
- 2 Use the navigation key to view the time of the following items:
 - Voice Call
 - Data/Fax Call
- 3 To reset the timer, press  [RESET]. To return to the previous page, press .

ROAM CALLS

Displays talk time of roaming calls.

- 1 Press  [MENU]   and the message "Not intended for Billing Purposes" appears for 5 seconds.
- 2 Use the navigation key to view the time of the following items:
 - Voice Call
 - Data/Fax Call
- 3 To reset the timer, press  [RESET]. To return to the previous page, press .

RECENT CALLS

ALL CALLS

Displays talk time of all incoming and outgoing calls, excluding web access calls.

- 1 Press [MENU] and the message "Not intended for Billing Purposes" appears for 5 seconds.
- 2 Use the navigation key to view the time of the following items:
 - Voice Call
 - Data/Fax Call
- 3 To reset the timer, press [RESET]. To return to the previous page, press [OK].

LIFETIME

Displays talk time of all calls.

- 1 Press [MENU] and the message "Not intended for Billing Purposes" appears for 5 seconds.
- 2 Use the navigation key to view the time of the following items:
 - Voice Call
 - Data/Fax Call
- 3 To return to the previous page, press [OK].

DO MORE

CONNECT WEB

You can use your phone to browse the Internet if over-the-air Internet access is available in your area.

LAUNCH WEB

- 1 Press [MENU] or .
- 2 Follow the procedures for "Chapter 7 WEB BROWSING" on page 117.

PROMPT

- 1 Press [MENU] .
- 2 Use the navigation key to view the time of the following items:
 - None/To Start/To End/Both
- 3 To save, press [OK].

DO MORE

SOUNDS

GET NEW

- 1 Press [MENU] .
- 2 Select "Get New" and press [OK].
The browser will launch and take you to the "Sound" download menu.
- 3 Use your navigation key to select a sound you wish to download.
- 4 Press the down navigation key to go to bottom of the page and select "Buy it now".
- 5 Select "Download Now" press [MENU], go to "9. Save Items".
- 6 Press [MENU] again and press "1. Save".

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DO MORE

RINGTONES

Downloaded ringtones may be assigned directly from the Downloads menu and are also available through the Settings menu.

- 1 Press [MENU] .
Scroll across to "Multimedia".
- 2 Display the list all downloaded sound in saved order.
Select "Music Bells : Radetzky March...Music 3" or "Preloaded : Card1...Wedding March" with the navigation key. (up or down)
- 3 Select sound and pressing [PLAY/PAUSE] or pressing [MENU] to view the time of the following items:
 - Erase
 - Erase All
 - Assign
- 4 Select the downloaded data you want to confirm and press .
- 5 Select "Assign" from the options and press [OK].
- 6 Choose which alert you would like to assign the sound to and press [OK].
- 7 A message appears confirming the data has been assigned.

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DO MORE

IMAGES

GET NEW

- 1 Press [MENU].
- 2 Select "Get New" and press [OK].
The browser will launch and take you to the "Images" download menu.
- 3 Use your navigation key to select a image you wish to download.
- 4 Press the down navigation key to go to bottom of the page and select "Buy it now".
- 5 Select "Download Now" press [MENU], go to "9. Save Items".
- 6 Press [MENU] again and press "1. Save".

PICTURE ALBUM

- 1 Press [MENU].
- 2 Display the list of pictures taken in saved order. Select sound and pressing [MENU] to view the time of the following items:

- Erase
- Erase All
- Change Title
- Assign
- Send to

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DO MORE

- 3 Select the picture you want to confirm and press [MENU].
- 4 Select an option from the menu and press [OK].

WALLPAPER

- 1 Press [MENU].
- 2 Display the list all "Preloaded : Card1 / Card2... / Santa" picture in saved order. Select picture and pressing [MENU] to view the following items:

<Preloaded Menu>

- Send to

<Multimedia>

- Erase
- Erase All
- Change Title
- Assign
- Send to









Send to : Upload the current picture to the send message.
Erase : Erase the current picture from your phone.
Erase All : Erase all captured pictures from your phone.
Assign : To assign picture to "Standby", "Screen Saver", "Picture CallerID" or "Incoming Call".
Change Title : Change pictures title name.

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DO MORE

APPLICATIONS






GET NEW

- 1 Press  [MENU]  .
- 2 Select "Get New" and press  [OK].
The browser will launch and take you to the "Tools" download menu.
- 3 Use your navigation key to select a game you wish to download.
- 4 Press the down navigation key to go to bottom of the page and select "Buy it now".
- 5 Select "Download Now" press  [MENU], go to "9. Save Items".
- 6 Press  [MENU] again and press "1. Save".

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DO MORE

FREE MEMORY

- 1 Press  [MENU]  .
- 2 To display the available memory size information.
- 3 To return to the previous page, press  [OK] or  [CANCEL].

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SETTINGS

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

SOUND

Sets Ringer Type, Volume, Alert, Roam Ringer and Tone Length.

RINGER TYPE

To select a ringer type for incoming calls:

RINGER

- 1 Press [MENU] .
- 2 Select "Music Bells : Radetzky March...Music 3" or "Preloaded : Card1...Wedding March" with the navigation key. (up or down)
- 3 Select one of the available ring types. To confirm, press [SELECT].

VOICE MAIL

- 1 Press [MENU] .
- 2 Select "Tone 1,2,3,4,5 ... 10" with the navigation key.(up or down)
- 3 Select one of the available ring types. To confirm, press [SELECT].

TEXT MSG

- 1 Press [MENU] .
- 2 Select "Tone 1,2,3,4,5 ... 10" with the navigation key.(up or down)
- 3 Select one of the available ring types. To confirm, press [SELECT].

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SETTINGS

MMS MSG

- 1 Press [MENU] .
- 2 Select "Tone 1,2,3,4,5 ... 10" with the navigation key.(up or down)
- 3 Select one of the available ring types. To confirm, press [SELECT].

VOLUME

Controls the Ringer, Key Tone, and Voice Call volume.

RINGER

- 1 Press [MENU] .
- 2 Select one of the following options:
 - Ringer Off
 - Vibrate On
 - Ringer Mode - Up & Down (Level 1-5)
 - High & Vibrate - The ringer sounds after vibration, press (Max)
 - Silent - Mute the ringer, press (Min)
- 3 To confirm, press [OK].

KEY TONE

To adjust keypad tone:

- 1 Press [MENU] .
- 2 Adjusts the keypad tone volume using the navigation key.
 - Off
 - Level1-5 (Min- Max-)
- 3 To save, press [OK].

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SETTINGS

VOICE CALL

To adjust earpiece volume:

- 1 Press [MENU] .
- 2 Adjusts the earpiece volume using the navigation key.

Level1-5 (Min- Max-)
- 3 To save, press [OK].

SPEAKER PHONE

To adjust speaker volume:

- 1 Press [MENU] .
- 2 Adjusts the speaker volume using the navigation key.

Level1-5 (Min- Max-)
- 3 To save, press [OK].

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SETTINGS

ALERTS

When set, this setting alerts you to the following handset changes:

MINUTE

Sounds an alert every minute during a call.

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

ROAM

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

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

CONNECT

Notifies you that a call has been successfully placed.

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

FADE

Sounds an alert when entering an area where calls cannot be made due to weak signal strength. The alert sounds when standby mode or during a call:

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

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SETTINGS

LOW SIGNAL

To set an alert to sound when you encounter low signal strength during a call. The alert sounds when standby mode or during a call:

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

ON/OFF TONES

To set tones "OFF" or "ON" when POWER ON/OFF.

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

ROAM RINGER

Sounds a different ringer when you are in a roaming service area.

- 1 Press [MENU] .
- 2 Select "Distinctive" or "Normal" using the navigation key and press [OK] to save it.

- Normal : Sounds the same ringer type as used in Home area.
- Distinctive : Sounds a different ringer type.

TONE LENGTH

To adjust tone length:

- 1 Press [MENU] .
- 2 Select "Normal" or "Long" using the navigation key and press [OK] to save it.

SETTINGS

DISPLAY

Allows you to customize the display.

MENU STYLE

To select a display menu style:

- 1 Press [MENU] .
- 2 Select "Fold" or "Grid" using the navigation key and press [OK] to save it.

GRAPHIC

To select an LCD display:

STANDBY

- 1 Press [MENU] .
- 2 Select one of the following items using the navigation key.

- : Select : Standby / Default.
- : Select : Flower / Digital Clock1.2, Analog Clock1.2 / Photo #1....

- 3 Select a display from the Animation and the Graphiclist using the navigation key and press [OK] to save it.

POWER ON

- 1 Press [MENU] .
- 2 Select "Telecom" using the navigation key.
- 3 Select a display from the Animation list using the navigation key and press [OK] to save it.

SETTINGS

POWER OFF

- 1 Press [MENU] .
- 2 Select "Telecom" using the navigation key.
- 3 Select a display from the Animation list using the navigation key and press [OK] to save it.

INCOMING CALL

- 1 Press [MENU] .
- 2 Select one of the following items using the navigation key.
 - : Select : Incoming Call.
 - : Select : Default / Photo #1... .
- 3 Select a display from the Animation list using the navigation key and press [OK] to save it.

OUTGOING CALL

- 1 Press [MENU] .
- 2 Select one of the following items using the navigation key.
 - : Select : Outgoing Call.
 - : Select : Default / Photo #1... .
- 3 Select a display from the Animation list using the navigation key and press [OK] to save it.

SETTINGS

SCREEN SAVER

- 1 Press [MENU] .
- 2 Select "Time Setting" or "Screen Saver" using the navigation key.
 - Time Setting : Off, 5 Secs, 10 Secs, 20 Secs, 30 Secs.
 - Screen Saver : Select picture image.
- 3 Press [OK] to save it.

SUB LCD

- 1 Press [MENU] .
- 2 Select "Digital" or "Analog" using the navigation key.
- 3 Press [OK] to save it.

SETTINGS

GREETING MESSAGE

To input a personal greeting:




MSG/FONT COLOR/BACKGROUND COLOR/ ENTRY MESSAGE

- 1 Press  [MENU] .
- 2 Select "MSG", "Font Color" or "Background Color" or "Entry Message" using the navigation key.
 - MSG : Select "On" or "Off."
 - Font Color : White, Blue, Dark Blue, Magenta, Gray, Black.
 - Background Color : Transparent, White, Blue, Yellow, Gray, Black.
 - Entry Message - Enter message (Default-Telecom).
- 3 To save, press  [SAVE].

CONTRAST

To adjust the display contrast:

MAIN LCD/SUB LCD

- 1 Press  [MENU] .
- 2 Select "Main LCD" or "Sub LCD" using the navigation key.
 - Main LCD : Level 1-5.
 - Sub LCD : Level 1-5.
- 3 To save, press  [OK].




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SETTINGS

BACKLIGHT

Backlights the display and keypad for easy viewing in dark places.

MAIN LCD/KEY PAD

- 1 Press  [MENU] .
- 2 Select "Main LCD" or "Key Pad" using the navigation key.
 - Main LCD : 5 Secs/15 Secs/30 Secs/60 Secs/Always On.
 - Key Pad : 5 Secs/15 Secs/30 Secs/60 Secs/Always On/Always Off.
- 3 To save, press  [OK].

 CH
4

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SETTINGS

INTERNET

HOME URL

- 1 Press [MENU] .

PROMPT

- 1 Press [MENU] .

DATA SVC.

Transfers data from to PC.

- 1 Press [MENU] .

- 2 Select one of the following connection modes with the Navigation key.

- Voice Call : To receive a voice call.
- Data Only : To receive data when connected to PC.
- Fax Only : To function as a fax when connected to PC.

- 3 Press [OK] to save.

This function is available only when the phone is connected to data cable.

SETTINGS

SECURITY

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

PHONE LOCK

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

- 1 Press [MENU] and enter "Password".



The default password is the "0000" of your phone number.

- 2 Press and select "Unlock", "Lock Now" or "Lock On Power Up".

- Lock Now : Lock the phone now.
- Lock On Power Up : Lock the phone whenever it is turned on.
- Unlock : Do not lock the phone.

- 3 To save, press [OK].

RESTRICT

When you attempt to "This phone is restricted" will be displayed.

OUTGOING CALLS

Blocks all outgoing calls – except emergency calls – but allows an incoming call to be answered.

- 1 Press [MENU] and enter "Password".

- 2 Press and select "Allow" or "Restrict" using the navigation key.

- Allow : Allows an outgoing call.
- Restrict : Restricts an outgoing call.

- 3 To save, press [OK].

SETTINGS

RECENT CALLS

Restricts to view outgoing or incoming call history.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict" using the navigation key.
 - Allow : Allows access to call history.
 - Restrict : Restricts access to call history.
- 3 Press [OK] to save it.

PHONE BOOK

Blocks access to, and protects data in your phone book.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict" using the navigation key.
 - Allow : Allows access to the phone book.
 - Restrict : Restricts access to the phone book.
- 3 To save, press [OK].

CAMERA

Restricts camera from being placed.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict".
 - Allow : Allows access to the camera.
 - Restrict : Restricts access to the camera.
- 3 To save, press [OK].

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SETTINGS

DATA CALLS

Restrict a data call from being placed.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict" using the navigation key.
 - Allow : Allows a data call.
 - Restrict : Restricts a data call.
- 3 To save, press [OK].

900 #'S

Restricts calling 900 dial service numbers.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict" using the navigation key.
 - Allow : Allows a 900-dial service.
 - Restrict : Restricts a 900-dial service.
- 3 To save, press [OK].

CHANGE LOCK CODE

Changes your 4-digit password.

- 1 Press [MENU] and enter "Password".
- The default password is the "0000" of your phone number.
- 2 Press .
 - 3 Enter a new password and press [OK].
 - 4 Enter the new password again and press [OK].

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SETTINGS

SPECIAL#'S

Stores 3 phone numbers that can be called even in the lock mode.

- 1 Press [MENU] and enter "Password".



- The default password is the "0000" of your phone number.
- Calls to TNZ emergency number are always allowed.

- 2 Press and select a location using the navigation key.

- 3 Press [OK] and input a phone number, press [OK] again to save.

ERASE ALL

Clears all phone book, do more, photo album entries.

- 1 Press [MENU] and enter "Password".



The default password is the "0000" of your phone number.

- 2 Press .

- 3 Select "Phonebook", "Do More", or "Picture Album" using the navigation key and press [CHECK/UNCHECK].

- 4 Press [OK] to erase it.

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SETTINGS

RESET PHONE

Resets phone to default settings.

- 1 Press [MENU] and enter "Password".



The default password is the "0000" of your phone number.

- 2 Press .

- 3 Select "Yes" or "No" using the navigation key. Press [OK].

- When you select "Yes", you will see "Wait a moment" on the display and the phone will restart.

APPLICATIONS

BACKLIGHT

Adjust backlights the display for playing games.

- 1 Press [MENU] .

- 2 Select one of the following item using the navigation key.

- 5 Secs/15 Secs/30 Secs/60 Secs/Always On.

- 3 To save, press [OK].

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SETTINGS

VOLUME

Adjust volume for playing games.

- 1 Press [MENU] .
- 2 Select one of the following item using the navigation key.
 - Ringer Mode : Up & Down (Level 1-5)
 - Silent : Mute the game sound.
- 3 To confirm, press [OK].

MSG ALERT

To alert receive message for playing games.

- 1 Press [MENU] .
- 2 Select "Off" or "On" using the navigation key and press [OK] to save it.

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SETTINGS

SYSTEM

SET MODE

Selects the Preferred System.

- 1 Press [MENU] .
- 2 Select "Automatic" or "Home Only" using the navigation key. Press [OK].
 - Automatic : Scan the radio channels based on the Automatic setting.
 - Home Only : Only within your home area or home affiliated area.

NAM SETTING

SET NAM

View the NAM used by the phone when you have multiple registrations.

- 1 Press [MENU] .
- 2 "NAM1-TELECOM" will be displayed.

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SETTINGS

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 [MENU] . Press [OK].
- 2 Read the message, press [OK].
- 3 Select "On" or "Off" using the navigation key. Press [OK].

- While in Airplane Mode, your phone's standby screen will display "Airplane Mode".

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SETTINGS

OTHERS

CALL ANSWER

To select an answer mode:

- 1 Press [MENU] .
- 2 Select "Any Key" or "Send Key" using the navigation key.

- Any Key : Press any key to answer an incoming call except , , and .
- Send Key : Press only to answer a call.

- 3 To save, press [OK].

ACTIVE FLIP

Selects an Active Flip Answer mode as follows.

- 1 Press [MENU] .
- 2 Select "On" or "Off" with the navigation key.
- 3 To save, press [OK].

- When Active Flip On is selected, an incoming phone call can be answered simply by opening the phone.
- When Active Flip Off is selected, you will need to open the phone and follow the Answer mode you have selected.

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SETTINGS

AUTO RETRY

Automatically redials a call up to 5 times.

RETRY TIME

- 1 Press [MENU] .
- 2 Select a time interval option (Off, 3 Secs, 5 Secs, 7 Secs, 10 Secs) using the navigation key.
To save, press [OK].

REPEAT

- 1 Set a retry time option (3secs, 5secs, 7secs.)
- 2 To save, press [OK].

VOICE DIAL

SET ACTIVE

- 1 Press [MENU] .
- 2 Select "Active Flip", "Send Key" or "Off" using the navigation key.
- 3 To save, press [OK].

CAR KIT

- 1 Press [MENU] .
- 2 Select "On" or "Off" using the navigation key.
- 3 To save, press [OK].

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SETTINGS

AUTO ANSWER

Automatically answers a call after a preset time.

An ideal setting for the hands-free car kit and headset.

- 1 Press [MENU] .
- 2 Select one of the following using the navigation key.

- Off/5 Secs/10 Secs/18 Secs.



This function will not be active when you select Vibrate, Silent, Manner or Ringer after vib as a ringer mode.

- 3 To save, press [OK].

TTY MODE

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

CONNECTING TO "TTY" DEVICE

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

ACTIVATING/DEACTIVATING "TTY" MODE

- 1 Press [MENU] .
- 2 Select one of the following options (TTY Full/TTY+HEAR/TTY+TALK/TTY Off) with the Navigation key and press [OK].

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SETTINGS

HANDSET INFO.

SERVING SYSTEM

- 1 Press [MENU] .
- 2 To display the following items' information.
 - Roaming Status
 - Serving SID
 - Channel
- 3 To return to the previous page, press [OK] or [CANCEL].

VERSION

- 1 Press [MENU] .
- 2 To display the following items' information.
 - Hardware
 - Software
 - PRL ID
 - Browser
- 3 To return to the previous page, press [OK] or [CANCEL].

MOBILE ID

- 1 Press [MENU] .
- 2 To display the following items' information.
 - ESN
 - MIN
- 3 To return to the previous page, press [OK] or [CANCEL].

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UTILITIES

EVENT

Sets an event and reminds you of that event.

ADD PLAN

- 1 Press [MENU] .
- 2 Move the Navigation key to choose a date in the calendar and press [OK].

TIME SETTING

To select "Time Setting" for the event, press select a melody with the Navigation Key.

- Choose one of the following on the first line:
On time, 10 Min Before, 30 Min Before, 1 Hour Before, No Alarm.
- Use the Navigation Key to move to year, month, day, time and input using the digit keys.
- Down press Navigation Key to return to editing mode.

MELODY SETTING

To set a "Melody Setting" for the event, press select a melody with the Navigation Key.

MESSAGE SETTING

To set a "Message Setting" for the event, press .

- 3 Press [OK] to save it or [Back] to return to the calendar.
- 4 The date of the event will be marked on your calendar.

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UTILITIES

VIEW EVENT LIST

- 1 To display all Event List, press [MENU] .
- 2 Move the Navigation key to choose a list and press and choose one at the , , .

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UTILITIES

ALARM

You can set up to 3 alarms.

- 1 To display alarm entries, press [MENU] .
- 2 Select one of the entries using the navigation key. To set a new alarm, choose item 1, 2 or 3. To edit an existing alarm, select that alarm. Press [OK].

- To delete the existing one, press .

- 3 1. To set a time, press from the Alarm Setting Menu.

- Use the navigation key to choose an alarm frequency (Once, Daily, Weekly, Monthly, Off). To save, press [OK]. "Save Complete" will be displayed and the screen will return to the alarm list.

2. To set a melody, press from the Alarm Setting Menu.

- Use the navigation key to scroll through the list of 10 ring tones and 30 melody tones. To set a melody, press [OK].

3. To set a snooze, press from the Alarm Setting Menu.

- Select one of the following:
No use, 1 Time, After 3 minutes.

4. To set a pause, press from the Alarm Setting Menu.



Pause setting is available for existing alarms. It is not available for new entries.

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UTILITIES

MEMO PAD

Your phone comes with a memo pad you can use to compose and store reminders and notes to help keep you utilities.

ADD MEMO

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

- 1 Press [MENU] .
- 2 Input a new text memo and press [OK].
(See page 29 for more information on entering letters, numbers and symbols.)
- 3 To save, press [SAVE].

VIEW MEMO

To view saved a memo:

- 1 Press [MENU] .
- 2 Display the list all memo in saved order.
To select with Navigation keys and press [OK].
- 3 Select an entry and pressing [ERASE] or pressing [MENU] to view the time of the following items:
 - - Add New/Erase All
- 4 Selected memo will be displayed.
If you want edit memo, press [MENU] to select "Edit" and Input a new text memo.

SETTINGS

To select memo pad background image.

- 1 Press [MENU] .
- 2 Select (Paper/Pattern/Sea/Sky/Flower) with the navigation key and press [OK].

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UTILITIES

CALCULATOR

To access the calculator:

- 1 Press [MENU] .
- 2 Follow the instructions below to calculate $(8*6)/4-2.5$

Enter 8.
Press the navigation key to the right.
Enter 6 and press the navigation key to the left.
Enter 4 and press the navigation key down.
Enter 2 and press the to input (.).
Press 5, .



- 3 To reset, press [Reset].

WORLD CLOCK

Notifies you of the time in a specific preprogrammed city.

- 1 Press [MENU] .
- 2 Select a city using the navigation key.
- 3 The world map is displayed with the city, the date and time.

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UTILITIES

STOP WATCH

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

- 1 Press [MENU] .
- 2 To measure a time period.
 1. To start the stopwatch, press .
 2. To pause it, press .
 3. To resume it, press .
 4. To reset the stopwatch, press [RESET], press [EXIT] again to exit.
- 3 To time up to six events at once:
 1. To start, press .
 2. To stop a time period and continue measuring another one, press [CONT].
 3. To stop the second and continue measuring a third one, press [CONT].
 4. To measure up to six time periods, repeat the above steps.
 5. To stop, press . To review the results, press [VIEW].
 6. To return to the stopwatch, press or .
 7. To reset it, press [RESET].

CAMERA

TAKE PICTURE

Taking pictures with your phone's built-in PCS Camera is as simple as choosing a subject, pointing the lens, and pressing a button. You can activate Camera Mode and take pictures whether the phone is open or closed.

TO TAKE A PICTURE WITH THE MENU:

- 1 Press [MENU] .
- 2 Point the camera lens at your subject. You can check the picture framing through the main display screen.
- 3 Press [OK] or the Side Camera button to take the picture.
- 4 To save picture press [SAVE].

- You cannot place or receive calls while in Camera Mode. All incoming voice calls will be forwarded to voicemail.

TO TAKE A PICTURE WITH THE IDLE MODE:


- 1 Press the Side Camera button to activate Camera Mode.
- 2 Point the camera lens at your subject. You can check the picture framing through the external display screen.
- 3 Press the Side Camera button to take the picture.
- 4 To save picture press [SAVE].

CAMERA

CAMERA MODE OPTIONS

When the phone is open and in Camera Mode, several user options are available.

ALBUM

Press  [ALBUM] to enter Review Mode. From there you can view the captured pictures, view a running count of stored pictures and

RESOLUTION

Press the navigation key up or down to adjust the picture size from High (640x480 pixels) to Med (320x240 pixels) to Low (160x120 pixels). The current picture size is shown at the bottom of the display screen.

BRIGHTNESS

Press the Navigation key right (Higher) or left (Lower) to select a setting.

Press  [MENU] to display the following option:

SUB LCD

To take self-portrait picture.

FLASH/FLASH OFF

Select Flash to turn the camera's flash on; select Flash Off to turn the camera's flash off. (Default setting is Flash Off.)

- Do not use the flash close to eyes as it may cause visual impairment.

CONTRAST

Select Highest, High, Normal, Low, Lowest.

QUALITY

Select High, Normal or Low picture quality. Fewer pictures can be stored when using the Fine setting, which requires more memory. (Default setting is Normal.)

SHUTTER SOUND

Select Shutter 1, Shutter 2 or Shutter 3.

LED

The LED flashes select On/Off.


CAMERA

PICTURE ALBUM

Your phone enters Review Mode after taking a picture.

1 Press  [MENU]  .

- In Review Mode you can view all the pictures you have taken, store selected images in your phone, send pictures to the Pictures Web site, delete images and access additional picture options.

Press  [MENU] to display the following options:

Send to : Upload the current picture to the send message.

Erase : Erase the current picture from your phone.

Erase All : Erase all captured pictures from your phone.

Assign : To assign picture to "Wallpaper", "Screen Saver", "Picture CallerID" or "Incoming Call".

Change Title : Change pictures title name.

CAMERA

FLASH (OPTIONAL ACCESSORY)

TO USE FLASH

1. Remove the protective cap.

- Hold the flash unit securely between thumb and pointer finger. With other hand, place thumb over plastic protective cap and press downward. (similar to if you were breaking in half, see figure 1).



2. Install the protective cap.

The protective cap has securing feet on either side. Place (1) securing foot in one end of groove then press other foot (2) upwards into groove.



3. Open the earphone microphone terminal cap to expose the port.



4. Insert the flash into the earphone microphone port. The front of the flash should be facing the object of photography.

5. Set up the flash on the camera menu. (Refer to the User Guide TX-95C for flash set up.)

6. Press the shot button to light a flash bulb. (About 3.5 seconds are taking for an electric charging.)

NOTE

You should be at least 2 feet (about 60cm) away from object of photography to ensure proper lighting. If you are too close the picture will come out white.

CAMERA

HINTS FOR USING FLASH

- Use it in a room temperature. It may not light on or charge under 5°C or above 35°C.
- Do not use it in a damp area.
- Using in a high or low temperature may cause shorten of the mobile flash life or extend the charging time.
- Clean up the plug with a cotton stick. Dust in the plug may cause irregular charging.
- If the mobile flash repeats to radiate, the intensity of radiation is shortening and the images are darkening. If the intensity of radiation is decreasing, buy another flash.
- Insert the terminal of mobile flash to the ear phone jack. It may cause some noise while using phone.
- Do not use it while driving a car. It may cause a car accident.
- Do not flash near your eyes. It may cause a bad sight.
- Do not place it near children. They may receive an electric shock by putting it in their mouths.
- If some parts of fit are exposed by falling or breaking up, do not touch the exposed parts. You may receive an electric shock.
- If it generates heat, smells bad or is damaged, pull it out immediately. It may cause an explosion or fire.
- Do not disassemble, reconstruct or repair it since it contains a high voltage circuit. Visit a service center for repair.
- Do not use or put it near fire, stove, or high temperature areas. To may cause an explosion or fire.
- Do not wet it by sweat, water or salt water. If the substrate gets wet, it may cause an explosion or fire. If it gets wet, turn off the power and visit a service center.
- Do not place it in a damp area like a bathroom. It may cause an explosion or fire.
- Do not heat or dry it with drier if it gets wet.
- Do not place a cup or vase near it. Spilling liquid on it may cause an explosion or fire.
- Do not drop.
- Do not touch it with plug (metal part). It may cause an explosion or fire.
- Use it only with approved Hyundai handsets.

NOTE

To protect the user, others and their property, here are important hints for using the flash safely. Please read it carefully and follow the usage instructions.

MEMO

Chapter 5


VOICE SERVICE

This chapter addresses Voice Service, an advanced feature that allows you to place calls using your voice. With Voice Memo (VM) you can record voice messages and set the Answering Machine. Topics include:

- VOICE RECOGNITION MODE
- VOICE SERVICE MENU

VOICE RECOGNITION MODE


Voice Recognition (VR) enables you to place calls using your voice and to record voice memos.

- 1 Press and hold  until your phone turns to Voice Recognition mode.



- 2 The display to the right will appear when the phone turns on Voice Recognition mode.

NAME









- 1 Press and hold  until your phone turns to Voice Recognition mode.
- 2 If you say a name or tag that is already in the phone book, the number and name will be displayed and you will hear "Calling (name)".





To record a name refer to page 95

VOICE SERVICE MENU

VOICE MEMO

- 1 Press  [MENU]  to start Voice Service menu.
- 2 To enter a voice memo, press .
- 3
 - 1.To record a voice memo, press . Instructions will be displayed and you will hear "Please record at the tone."
 - 2.To play voice memos, press .
 - 3.To play speaker mode, press .
 - 4.To erase all voice memos, press .
- 4 To stop recording a memo, press .

NOTE To pause or resume, press .
To stop, press .
- 5 After recording a voice memo you can "Review", "Re-record", or "Save".

VOICE SERVICE MENU

VOICE DIAL

- 1 Press [MENU] to start Voice Service menu.
 - 2 To enter a voice dial, press .
 - 3 1.To record a voice dial, press .
Instructions will be displayed and you will hear "Name Please"
2.To view and play voice dials, press .
3.To play speaker mode, press .
4.To erase all voice dials, press .
 - 4 To stop recording a dial, press .
- To pause, press . To resume, press .
- 5 After recording a voice dial you can "Hard Pause" or "Timed Pause".

VOICE SERVICE MENU

TRAIN WORDS

Trains the Control Words into categories as follows.

YES

Use the "Yes/No" to train or untrain the Voice Recognition with the control words, "Yes".

- 1 Press [MENU] .
- 2 Select one of the following options with the Navigation key and press .

- List Words : Displays list of control words in the "Yes" set. Select a control word, press and either train, untrain or view the status of the word. To train with a word, press and follow the voice prompts.
- Untrain All : Untrain "Yes" set to recognize trained control words.

NO

Use the "Yes/No" to train or untrain the Voice Recognition with the control words, "No".

- 1 Press [MENU] .
- 2 Select one of the following options with the Navigation key and press .

- List Words : Displays list of control words in the "No" set. Select a control word, press and either train, untrain or view the status of the word. To train with a word, press and follow the voice prompts.
- Untrain All : Untrain "No" set to recognize trained control words.

VOICE SERVICE MENU

WAKE-UP

Use the Wake-Up to train or untrain the Voice Recognition with the control word, wake-Up.

1 Press [MENU] .

3 Select one of the following options with the Navigation key and press .

- List Words : Displays list of control words in the Yes/No set. Select a control word, press and either train, untrain or view the status of the word. To train with a word, press and follow the voice prompts.
- Untrain All : Untrain Wake-Up to recognize trained control words.

UNDO TRAIN ALL

1 Press [MENU] .

2 Select "Yes" or "No" with the Navigation key and press .

Chapter 6

VOICE MAIL AND TEXT MESSAGE

This chapter addresses Voice Mail and Text Messaging functions including:

- WHEN A NEW MESSAGE ARRIVES
- VOICE MAIL
- TEXT MSG
- MMS MSG

WHEN A NEW MESSAGE ARRIVES

- 1 The following display appears when a new message arrives.
- 2 To display the message, press [READ].

VOICE MAIL

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

CHECK VOICEMAIL

- 1 The Voice mail inbox opens and displays the number of your new and total Voice mail messages.
Press or press .

CLEAR COUNT

Your phone may temporarily continue to display the icon after you have checked your voice mail messages.

- 1 To erase the voice mail notification, press or press .
- 2 Select "Yes" or "No" with the Navigation key and press .

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TEXT MSG

To send a new message:

SEND MESSAGE

- 1 Press or press .
- 2 Input a phone number and press [OK].
 - You can look it up from the phone book by pressing [MENU].
- 3 Input a new text message and press [OK].
(See page 29 for more information on entering letters, numbers and symbols.)
- 4 Input a default callback number and press [OK].
- 5 Select the priority (Normal/Urgent) by using the navigation key.
- 6 To be notified that the recipient received your message, select the request deliv.ack (On/Off) by using the navigation key.
- 7 To send the text message, press [OK].
- 8 To save the text message, press [MENU] and select the "Save to Outbox" then press [OK].

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TEXT MSG

Manages received text messages.

INBOX

1 Press or press .

- : Urgent New Msg (not read)
- : Urgent Read Msg
- : New Msg (not read)
- : Old Msg (already read)
- : Lock (already read and locked)

2 Select a message and press [OK].
The message is displayed.

3 Press [MENU].

1. REPLY

1 To reply to the text message, press .

2 Type your reply and press [OK].
(See page 29 for more information on entering letters, numbers and symbols.)

2. REPLY WITH COPY

1 Reply to the received message with received phone number and contents.

3. FORWARD

1 To forward the text message, press "Forward".

2 Enter the phone number of the person you are sending the message, then press [OK].

3 Enter any text message to go along with the forwarded message, then press [OK].

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TEXT MSG

4. SAVE TO CONTACT

1 Press .

5. SAVE TO SAVED

1 To save the text message in your phone, press "Save to Saved".

2 Press .

6. SAVE TO QUICK TEXT

1 Press .

7. LOCK & UNLOCK

1 To lock or unlock the text message, press "Lock/Unlock".

2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press [OK].

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TEXT MSG

Manages sent text messages or messages waiting to be sent.

OUTBOX

- 1 Press or press . Select a message using the navigation key. Then, press [OK].

- : Auto resend
- : Delivered
- : Fail
- : Not send
- : Read
- : Sent

- 2 The text message is displayed.
- 3 Press [ERASE] or press [MENU].

1. RESEND

- 1 To resend a text message, press .

2. SEND TO

- 1 To send a message to another person, press .
- 2 Enter the phone number and press .
- 3 Enter a text message and press .

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TEXT MSG

3. SAVE TO CONTACT

- 1 Press .

4. SAVE TO SAVED

- 1 Press .

5. LOCK & UNLOCK

- 1 To lock or unlock the text message, press . "Lock/Unlock".
- 2 Select "Lock" to lock the message or "Unlock" to unlock the message, then press .

6. STATE

- 1 To display the status of an outbox message, press .

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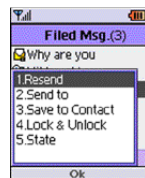
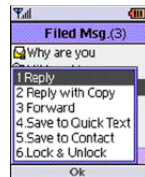
TEXT MSG

SAVED

Manages saved messages from the Inbox/Outbox.

- 1 Press or press . Select a text message using the navigation key. Press [OK].
- 2 The text message is displayed. Press [MENU].
- 3 If the text message is saved from the "Inbox" menu, this screen will be displayed.

If the text message is saved from the "Outbox" menu, this screen will be displayed.



- 4 Select one by pressing [OK].

CI
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TEXT MSG

WEB MSG

It is message sending in server (without user's intervention)

- 1 Press or press .

**SI (Service Indication)**

When the client receives an push msg from the server, device displays Pop-up window.

If user presses [OK], then device connect to the uri of "SI". Received "SI" push msg is stored inbox (sms menu>Web msg).

SL (Service Loading)

When receives SL msg, device is automatically connecting web browser (url of SL).

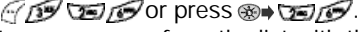
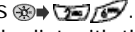



CI
6


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TEXT MSG

QUICK TEXT

To edit the quick text message you have saved:

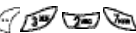









- 1 Press  or press . Select one message from the list with the Navigation key. Press  [OK].
- 2 The text message is displayed. Press  [MENU].
- 3 To add the saved quick text message, press  [Add New].

To edit the saved quick text message, press  [Edit].

To erase the saved quick text message, press  [Erase].

TEXT MSG

ERASE ALL

- 1 Press  or press .
- 2
 1. To erase all the inbox messages, press .
 - Erases entire inbox or old inbox.
 2. To erase all the outbox messages, press .
 - Erases entire outbox or old outbox.
 3. To erase the saved messages, press .
 4. To erase voice mail count, press .
 5. To erase web messages, press .
 6. To erase quick text messages, press .
- 3 Select "OK" or "Cancel" with  [OK] or .

TEXT MSG

Manages messaging features through various features.

SETTINGS

SAVE SENT MSG

- 1 Press or press .
- 2 Press .
Select "Off", "On", or "Prompt" using the navigation key, then press [OK].

DEFAULT CALLBACK

Edits a default call back number so that the recipient can call back or reply.

- 1 Press or press .
- 2 Press .
Enter a call back number, then press [OK].

ALERT

Enables phone to alert you of an incoming message.

- 1 Press or press .
- 2 Press .
Select "Ringer", "Vibrate", "Silent", "Ringer & Remind", or "Vibrate & Remind" using the navigation key.
 - The Ringer & Remind or Vibrate & Remind rings or vibrates every 2 minutes to remind you of a new message. They will be cleared when any key is pressed.
- 3 Press [OK].

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TEXT MSG

DISPLAY DELIV.ACK

This feature enables you to activate Delivery Acknowledgement so that you can confirm the delivery of mails.

- 1 Press or press .
- 2 Press .
Select "On" or "Off" using the navigation key.
- 3 Press [OK].

AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

1. AUTO ERASE INBOX

- 1 Press or press .
- 2 Press .
Select "Disable" or "Old Inbox" using the navigation key.
- 3 Press [OK].

2. AUTO ERASE OUTBOX

- 1 Press or press .
- 2 Press .
Select "Disable" or "Old outbox" using the navigation key.
- 3 Press [OK].

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TEXT MSG

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 or press .
- 2 Press .
Select "T9 Mode" or "Alpha Mode" using the navigation key.
- 3 Press [OK].

DIRECT VIEW

- 1 Press or press .
- 2 Press .
Select "On" or "Off" using the navigation key.
- 3 Press [OK].

- ON : Set to read msg without entering inbox in SMS menu.
- OFF : Set to read msg after entering inbox in SMS menu.

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MMS MSG

To send a new picture message:

SEND MESSAGE







- 1 Press or press .
- 2 Type in a "Caption" using your keypad. To change input mode, press [abc] and then highlight a mode (abc/123/Sym/Smileys/WWW/ word) and press . To finish, press [DONE].
Once you start entering text, previously entered captions will appear. Press to highlight a caption, then press to select [DONE].
- 3 Press [SELECT] to "Add image". Press to scroll through "Preloaded", "Multimedia" or "Photos" pictures. Press to scroll through pictures. To [SELECT] your choice press .
- Press [MENU] to view the following items:
1 Next / 2 Preview / 3 Save / 4 Settings / 5 Add Slide
- 4 Press to highlight "Add sound" and press [SELECT]. Press to scroll through "Preloaded", "Multimedia" or "Voice Memo". Press to listen to the sounds. To [SELECT] your choice press .
- 5 To add another picture or sound, press to highlight "Slide +" and press [SELECT]. Repeat Steps two to four.
- 6 Press until [NEXT] appears, then press , or press [MENU] [NEXT].
- 7 Press [SELECT] to go to your address book. Highlight a contact and press . To enter phone numbers and email addresses directly, press to highlight the box onscreen and type in details. If entering multiple addresses, separate them with a space.
- 8 Press until [SEND] appears, then press , or press [MENU] [SEND].

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MMS MSG

Manages received picture messages.

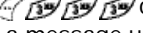
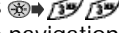




INBOX

- 1 Press  or press . Highlight a message using the navigation key. Then, press  [OK].
- 2 Press  [ERASE] to erase the message.
- 3 When "Fetch Message?" is displayed, press  [OK] to download the MM or press  [CANCEL].


MMS MSG




Manages sent picture messages or messages waiting to be sent.

OUTBOX

- 1 Press  or press . Select a message using the navigation key.
- 2 Press  [ERASE] or press  [OK].
- 3 To edit the picture mail, press  [EDIT] or press  [MENU].



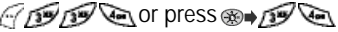
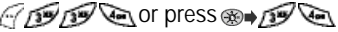




Next : Move next step (Address input editor).
Preview : To play made picture mail.
 To select option, press  (Timer stop/Restart/Send/Edit).
Save : To save for draft folder or save as template.
Settings : To set slide duration timer or slide format.
Add Slide : To add slide picture mail.
Delete image : Delete image from picture mail.
Delete sound : Delete sound from picture mail.

- 4 Press  [MENU]  [SEND] to re-send mail.
- 5 Press  [MENU] Next to re-send mail

MMS MSG

SENT

Manages saved sending complete messages.

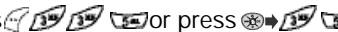
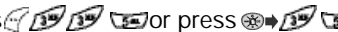





- 1 Press  or press . Select a message using the navigation key. Then, press  [OK].
- 2 Select message and pressing  [MENU] to view the following items:
 - Restart
 - Done
 - Save Message
 - Save Items
 - Details
 - Reply
 - Reply All
- 3 To select an option from the menu and press  [OK] or  [SELECT].

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MMS MSG

DRAFT

Manages saved messages from the Send Message. You can upload message of same title message.

- 1 Press  or press . Select a message using the navigation key. Then, press  [OK].
- 2 The draft message is displayed, select a message using the navigation key.
- 3 Press  [ERASE] or press  [OK].
- 4 To edit the picture mail, press  [EDIT] or press  [MENU].

NOTE

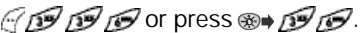






Next : Move next step (Address input editor).
Preview : To play maked picture mail.
 To select option, press  (Restart/Send/Edit).
Save : To save as draft folder or save as template.
Settings : To set slide duration timer or slide format.
Delete Image : Delete image from picture mail.
Delete sound : Delete sound from picture mail.
Add Slide : To add slide picture mail.
Remove Slide : Erase slide picture mail from your phone.
- 5 Press  [SEND] to re-send mail.

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MMS MSG

TEMPLATE


Manages saved messages from the Send Message. You can make new message from saved message.

- 1 Press  or press . Select a message using the navigation key. Then, press  [OK].
- 2 The template message is displayed, select a message using the navigation key.
- 3 Press  [ERASE] or press  [OK].
- 4 To edit the picture mail, press  [EDIT] or press  [MENU].



Next : Move next step (Address input editor).

Preview : To play maked picture mail.

To select option, press  (Restart/Send/Edit).

Save : To save as draft folder or save as template.

Settings : To set slide duration timer or slide format.

Delete Image : Delete image from picture mail.

Delete sound : Delete sound from picture mail.

Add Slide : To add slide picture mail.

Remove Slide : Erase slide picture mail from your phone.

- 5 Press  [SEND] to re-send mail.

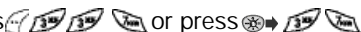

MMS MSG

Manages messaging features through various features.


SETTINGS

ALERT

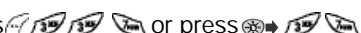



Enables phone to alert you of an incoming message.

- 1 Press  or press . Select "Ringer", "Vibrate", "Silent", "Ringer & Remind", or "Vibrate & Remind" using the navigation key.

- The Ringer & Remind or Vibrate & Remind rings or vibrates every 2 minutes to remind you of a new message. They will be cleared when any key is pressed.

- 3 Press  [OK].

MEMORY STATUS

- 1 Press  or press .
- 2 Press .
- 3 To display the available memory size infomation.
- 4 To return to the previous page, press  [OK].

MMS MSG

ERASE ALL

- 1 Press or press .
- 2
 1. To erase all the inbox messages, press .
 2. To erase all the outbox messages, press .
 3. To erase the sent messages, press .
 4. To erase draft, press .
 5. To erase template messages, press .
- 3 Select "Ok" or "Cancel" with [OK] or [CANCEL].

Chapter 7

WEB BROWSING

This chapter addresses Internet services and web browsing. For more detailed information contact your service provider.

- START INTERNET BROWSER
- BROWSER MENU

START INTERNET BROWSER

ACCESS THE INTERNET

- To start your Internet browser and access websites through your wireless handset press or press .

PROMPT

- Press or press .

BROWSER MENU

The browser menu lists the actions necessary to operate the browser. Press or press to access the browser menu.

HOME

- To display the homepage, press or .

FORWORD

- To return to the previous screen, press or .

BOOKMARKS

- To view your bookmark list, press or . This provides easy website access without entering its URL.

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BROWSER MENU

GO TO URL

- To access the WEB site directly by entering the address, press or .

SHOW URL

- To displays the URL (Uniform Resource Locator) of the current page, press or .

HISTORY

- To display a list of your connected web site, press or .

SEARCH

- To search for a you want information from "GooGle" site, press or .

SNAPSHOTS

- Press or .










SAVE ITEMS

- Press or .








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BROWSER MENU


RELOAD

- To reload the current page, press       or   .

ADVANCE

- To select "Advance", press      select "Advance" with the navigation key or   select "Advance" with the navigation key.


RESTART BROWSER

- To restarts the browser immediately, press .

DELETE COOKIES

- To delete the selected cookies, press .

HOME PAGE

- To change your home page, press .

MULTIMEDIA

- To select "Multimedia", press .


VIEW TITLE REGION

- To select "View Title Region", press .


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BROWSER MENU


SCROLL MODE

- To select "Scroll Mode", press .

SEND REFERRER

- To select "Send Referrer, press .

CONNECTION TIMEOUT

- To select "Connection Timeout", press .

KEY PRESS TIMEOUT

- To select "Key Press Timeout", press .

SECURITY

- To select "Security", press .



• [⚡] : Displays that text remains.

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BROWSER MENU

ABOUT...

- 1 To display About Menu Options, press select "About..." with the navigation key or select "About..." with the navigation key.

OPENWAVE

- 1 When Openwave is selected from the browser menu, the browser version and copyright information is displayed. The device layer version is also displayed, press .

SECURITY

- 1 Display a list of security-related items, press .

NOTE Selecting the encryption item from the browser menu displays a list of security-related items.

Chapter 8

SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your phone. Please be aware of the details concerning the safe operation of your phone.

This chapter contains the terms and conditions of services and the warranty for your phone. Please review them thoroughly.

- SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES
- SAFETY INFORMATION FOR FCC RF EXPOSURE
- SAR INFORMATION
- FDA CONSUMER UPDATE
- PROTECT YOUR WARRANTY
- 12 MONTH LIMITED WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

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

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

ANSI C95.1 (1992) *
NCRP Report 86 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

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

ANTENNA CARE

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

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

DRIVING SAFETY

Talking on the phone while riving is extremely dangerous. 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 so require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

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.



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

1* : American National Standards Institute.
2* : National Council on Radiation protection and measurements.
3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

ELECTRONIC DEVICES

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.

PACEMAKERS

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

Persons with pacemakers :

- 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.

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.

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

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SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

BLASTING AREAS

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

POTENTIALLY EXPLOSIVE ATMOSPHERES

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







Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as 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 articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

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SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

PRECAUTIONS

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

-  DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.
-  DO NOT abuse the equipment. Avoid striking, shaking or shocking. 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 Audiovox 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.

SAFETY INFORMATION FOR FCC RF EXPOSURE



WARNING! Read this Information before using

CAUTIONS

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

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

VEHICLE MOUNTED EXTERNAL ANTENNA (OPTIONAL, IF AVAILABLE)

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.



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

SAR INFORMATION

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

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

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

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.08W/Kg and when worn on the body, as described in this user guide, is 0.821W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on PP4TX-95C.

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SAR INFORMATION

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>.

* 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 sub-ststantial margin of safety to give additional protection for the public and to account for any variations in measurements.

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FDA CONSUMER UPDATE



U.S. Food and Drug Administration -Center for Devices and Radiological Health
Consumer Update on Wireless 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 radiationemitting 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 inter-agency 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 hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones.

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FDA CONSUMER UPDATE

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.

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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.

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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. 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.nrbp.org.uk/>)

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PROTECT YOUR WARRANTY

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

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

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