USER GUIDE

PANTECH | TXT8045VW

verizonwireless

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USER GUIDE

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PANTECH | TXT8045VW

GUÍA DEL USUARIO

verizonwireless

User Guide

TXT8045VW

verizon
PANTECH
OK
CLR
Space
SYM

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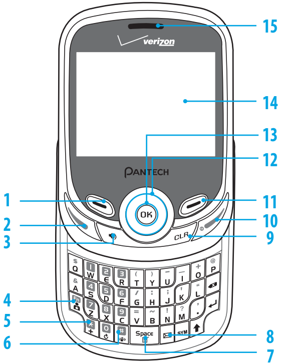
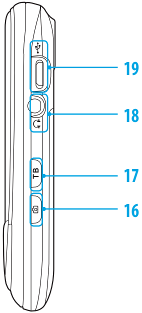
BEFORE USING 1

This chapter provides important information about using the TXT8045VW including:

Handset Descriptions
Key Descriptions
Display Indicators
Install Battery
Remove Battery
Charging Your Battery
Battery Handling Information

HANDSET DESCRIPTIONS



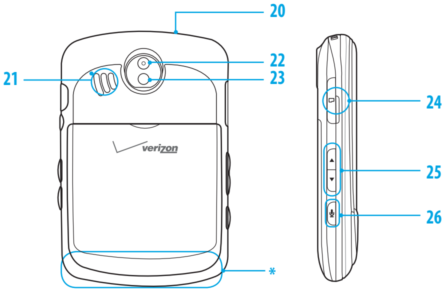


KEY DESCRIPTIONS

The following list correlates to the previous page's phone illustration.

1. **Left Soft Key:** From the home screen, press to display the Message menu or access the function listed above the key.
2. **SEND Key:** Press to make or receive a call. From the home screen, press to access the All Calls list.
3. **Speakerphone Key:** Press to turn Speakerphone On or Off.
4. **Favorites Key / Mode Change Key:** Press to access the Favorites menu. In text entry mode, press to change the character input type.
5. **International Dial Key:** Press to enter an asterisk (*) character for calling features. Press and hold to display the plus sign (+) for international dialing.
6. **Vibration Mode Key:** Press and hold to turn Vibration Mode on or off.
7. **Notepad + Key:** Press to access the Notepad + menu or to add a space between characters.
8. **TXT Composer Key:** Press to access the New TXT Message Composer.
9. **CLR Key:** Press to clear a character from the display. Press and hold to clear all characters. Within a menu, press to return to the previous menu.
10. **END Key:** Press to end calls or close applications. Press and hold to power your phone on or off.
11. **Right Soft Key:** Press to display the Contacts menu or access the function listed above the key.
12. **Directional Key:** Press to scroll through phone menu options and provides a shortcut to phone functions from idle mode.
13. **OK Key:** Press to access the menu screen. It also allows you to accept choices when navigating through a menu.
14. **Display Screen:** Displays the digital clock, messages, phone status and indicator icons.
15. **Earpiece:** Allows you to hear the other caller.
16. **Camera Key / Video Key:** Press to access the built-in camera. Press and hold to activate the Video Camera.
17. **Task Bar Key:** Press to access the Task Bar menu.
18. **Headset Jack:** Plug in an optional headset for convenient, hands-free conversations or for listening to music.
19. **Charging/ Data Jack:** Connects the phone to the USB/Wall Charger, or other compatible accessories.

HANDSET DESCRIPTIONS



20. Wrist Strap Eyelet: Accessory eyelet (attach optional straps and lanyards - purchased separately).

21. External Speaker: Music, Ringtones and Sounds are played through the speaker.

22. Camera Lens: The lens of your built-in camera/camcorder.

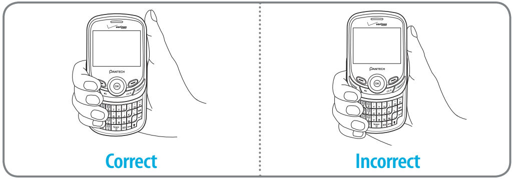
23. Self-Portrait Mirror: Displays your reflection when taking pictures or videos.

24. microSD Card Slot: Insert a microSD card(sold separately) here to increase memory capacity.

25. Volume Keys: Press to adjust master volume from the home screen, adjust the earpiece volume during a call or adjust the volume when playing music.

26. AVC (Advanced Voice Commands) Key: Press to launch the VOICE COMMANDS menu.

*. Internal Antenna Area



Holding the device by the internal antenna area might affect the quality of all calls.

DISPLAY INDICATORS

Icon	Icon Descriptions
Y 1XIIII	**1X Signal Strength:** Indicates your phone is in the CDMA 1X network. More bars indicate a stronger signal.
Y DIIII	**D Signal Strength:** Indicates your phone is receiving digital data. More bars indicate a stronger signal.
✈ OFF	**Airplane Mode:** Transmitting and receiving information is restricted.
▲	**Roaming:** The phone is outside of the home service area.
🏠	**Femto Cell:** Indicates that this area is internet accessed area and you are available to call without network.
S	**SSL (Secured Socket Layer):** Indicates that secure communication between client and server has been established during data communication using encryption.
P	**Voice Privacy:** Indicates Voice Privacy mode is active.
📱⇅	**Data Call:** Indicates a Data Session is in progress.
⇅	**Dormant:** Indicates phone is in a dormant state during a data call. Phone reverts to Dormant mode when there hasn't been activity on a page for some time - the connection is still active and you can make and receive calls.
📵	**No Service:** Phone cannot receive signal from the system.
⌨	**TTY:** TTY mode is active.
📱	**Voice Call:** A call is in progress. * No icon indicates the phone is in idle mode.

Icon	Icon Descriptions
⌖	**E911:** Global Positioning Service (GPS) for E911 is set to On for emergency calls only.
⌖))	**Location On:** GPS is set to On for Location Service and E911 calls.
🔒	**Keypad Lock:** Indicates the keypad and external keys are locked.
ᛒ	**Bluetooth:** Indicates Bluetooth® mode.
ᛒ⇄	**Bluetooth Active:** Indicates Bluetooth Active mode.
ᛒ◀	**Bluetooth Connected:** Indicates a Bluetooth Device is connected.
▶	**Playing Music:** Indicates that music is playing.
⏸	**Pause Music:** Indicates that music playback has been paused.
1	**Numeric Entry Mode:** Enter numbers by pressing the corresponding key on the keypad.
A	**Alphabetical Entry Mode:** Enter characters by pressing the key with the desired characters.
▮▮▮▮	**Battery Level:** Battery charging level - the more blocks, the stronger the charge.
💬	**AVR Active:** AVR mode is active.
🎤	**AVR Listening:** Indicates AVR listening.
🔕	**All Sounds Off:** All sounds are set to off.
⏰	**Alarm Only:** Phone will alert you only with an alarm tone.

Icon	Icon Descriptions
	Vibrate Only: Indicates the Ringer Volume is set to Vibrate On.
	Speakerphone: Speakerphone mode is active.
	Missed Calls: Indicates you have missed calls.
	Urgent Message: Indicates you have new urgent messages.
	Message: Indicates you have new messages.
	Calendar Appointment: Event Alarm is active.
	Email: Indicates you have new emails.
	Voicemail: Indicates you have a voice mail message.
	Urgent Voicemail: Indicates you have an urgent voice mail message.
	Alarm On: Appears when an alarm is set.

Recent Call Icons

	Dialed Call		**Missed Call**
	Received Call		

New Contact Icons

	Mobile1		**Group**
	Mobile2		**Picture**
	Home		**Ringtone**
	Work		**Fax**
	Email 1		**Speed Dial**
	Email 2		

Message Icons

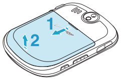
	Unread EMS		**Read MMS**
	Read EMS		**Sent Message**
	New/Unread Message		**Received Message**
	Opened/Read Message		**Unread WAP Push**
	Message Delivered		**Read WAP Push**
	Incomplete Delivery		**Multiple Message Delivered**
	Sent Message, Delivery Failed		**Multiple Message Failed**
	Message Locked		**Multiple Message Incomplete**
	Text Message Draft		**Multiple Message Pending**

Message Icons			
	Picture Message Draft		**Multiple Message Sent**
	Priority		**IM Screen Name**
	Unread MMS Notification		**Address**
	Read MMS Notification		**WL Messenger**
	Corrupt Message	AIM	**AIM**
P	**Pending Message Sent**	Y!	**Yahoo!**
	Unread MMS		

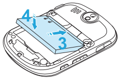
Other Icon	
	DST (Daylight Saving Time)

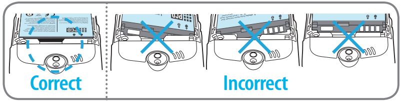
INSTALL BATTERY

1. Insert your finger tip into the slot (1), then push down on top of the battery cover and slide it off to remove (2).

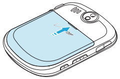


2. Slide the battery into the slot (3) by aligning the contacts and press down (4) until you hear the "click".

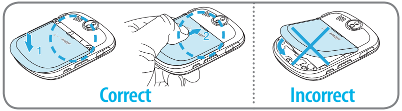




3. Align the cover tabs with the slots on the back of the device and slide the battery cover onto the unit until it snaps into place.

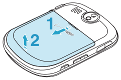


- If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.
- Important: To activate your device for data transfer, mount battery in your device before connecting the USB data cable.

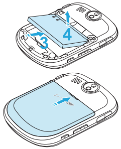


REMOVE BATTERY

1. To remove the battery cover, insert your finger tip into the slot (1), then push down on top of the battery cover and slide it off (2).

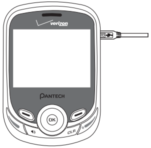


2. Insert your fingernail into the slot (3) and lift the battery from the compartment (4).
3. Align the cover tabs with the slots on the back of the device and slide the battery cover onto the unit until it snaps into place.

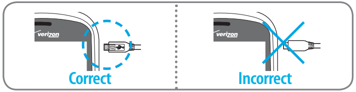


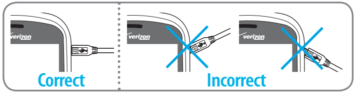
CHARGING YOUR BATTERY

1. Connect the USB data cable into the cableless wall adapter.
2. Plug the USB data cable into the phone's Charging/Data Jack (making sure to align the connector as it appears in the image to the right) and the wall adapter end into an electrical outlet.

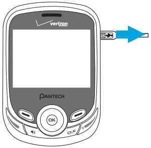


If the battery connector is not properly aligned, damage could occur to the charging connector and the phone may not charge.





3. To remove the Wall Charger, gently pull the charger from the device.



- When you charge the battery with the handset powered off you will see a charging status screen. After the charging has completed, the Charge Complete message appears. You cannot operate the phone until it is powered on. To turn your phone on, press and hold the END Key until your display turns on.
- The battery is not fully charged at the time of purchase. Fully charge the battery before use.
- It is more efficient to charge the battery with the handset powered off.
- Battery operating time gradually decreases over time.
- If the battery fails to perform normally, you may need to replace the battery.

BATTERY HANDLING INFORMATION

CAUTIONS: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERY ACCORDING TO THE INSTRUCTIONS.

DO'S

- Only use the battery and charger approved for use with the TXT8045VW.
- Only use the battery for the system for which it is specified.
- Only use or replace the battery with a charging system or another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Only use the battery for its original purpose. As an improper battery use may result in a fire, explosion or other hazard.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C). If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly and promptly dispose of the battery according to local laws.
- Battery usage by children should be supervised.

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DON'TS

- Do not attempt to disassemble or open the battery – it is a sealed unit with no serviceable parts.
- Do not crush, bend or deform, puncture or shred the battery.
- Do not drop the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Do not leave the battery in extremely hot or cold temperatures. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Do not 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.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Do not dispose of the battery by placing into a fire.

2

BASIC OPERATION

This chapter addresses and explains the basic features for TXT8045VW including:

Turning the Phone On/Off
Accessing the Menu
Using the Task Bar
Quick Switching Between the Main Menus
Menu Summary
Making a Call
Answering Calls
Missed Call Notification
Wait/Pause Feature
Making an International Call
3-way Calling
Call Waiting Function
Calling a Number from Contacts
Adjusting Volume
Caller ID Function
Vibrate Mode
Speakerphone Mode
Using Auto Keypad Lock Function
Available Options During a Call
Making an Emergency Call
Dialing Letters

TURNING THE PHONE ON/OFF

TURNING THE PHONE ON

1. Press and hold the END Key until the display turns on.

- If "ENTER LOCK CODE" appears on the display, press the OK Key OK to unlock the keypad, and enter your 4-digit lock code.
- The default lock code is the last 4 digits of your phone number.

TURNING THE PHONE OFF

1. Press the OK Key OK to unlock the keypad, then press and hold the END Key until your display turns off.

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

ACCESSING THE MENU

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

1. To access the home screen from idle mode, slide the phone up and press the OK Key OK [**MENU**].
2. To scroll through the menu, press the Directional Key up or down or press the number that corresponds to the desired menu item.
3. To return to the previous page, press the CLR Key CLR. To exit the current menu and return to the home screen, press the END Key .
4. From the home screen, press the OK Key OK to unlock the keypad, then press the Left Soft Key [ ] [**Message**] to open the Messages menu or press the Right Soft Key [ ] [**Contacts**] to open your Contact List.

This manual assumes that Display Themes is set to White, and Menu Layout is set to List, which are the default settings.

USING THE TASK BAR

The Task Bar is an alternative way to cycle through menus, requiring fewer key presses. Toggle between the following menus:

Dialing, **Favorites**, **Recent Calls**, **Messaging**, **VZW Services**, **My Pictures**, **Contacts**, **Tools**

1. From the home screen, press the OK Key OK to unlock the keypad, then press the Task Bar Key .
2. Press the Directional Key left or right to scroll through Task Bar menus. Press up or down to choose a sub menu.
3. Select a desired task and press the OK Key OK .

- Task Bar is not available for certain circumstances such as receiving an incoming call or message, displaying a notification message or displaying the main menu.
- Once a menu is selected, it is dimmed and not selectable from the Task Bar.

QUICK SWITCHING BETWEEN THE MAIN MENUS

While a menu is being accessed, you can quickly switch between the other menu options.

1. Slide the phone up and press the OK Key OK [**MENU**], then select a desired menu from the following main menus:
   Media Center, **Messaging**, **Contacts**, **Recent Calls**, **Settings & Tools**.
2. Press the OK Key OK .
3. Once a menu is selected, press the Directional Key left or right to switch between the menus.

MENU SUMMARY

Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
1. Media Center	1. Apps		
	2. Search		
	3. Music & Tones	1. My Ringtones	
		2. My Music	1. All Songs 2. Playlists 3. Artists 4. Genres 5. Albums 6. Manage My Music 7. Music Settings
		3. My Sounds	1. Record New
	4. Picture & Video	1. My Pictures	
		2. My Videos	
		3. Take Picture	
		4. Record Video	
		5. Online Album	
	5. Browser		
2. Messaging	1. New Message	1. Text Message 2. Picture Message 3. Video Message 4. Voice Message	
	2. Inbox		
	3. Sent		
	4. Drafts		
	5. Volcemail		
	6. Mobile IM		
	7. Mobile Email		

Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
6. Contacts	1. New Contact		
	2. Contact List		
	3. Backup Assistant		
	4. Groups		
	5. Speed Dials		
	6. In Case of Emergency		
	7. My Name Card		
7. Recent Calls	1. Missed		
	2. Received		
	3. Dialed		
	4. Blocked		
	5. All		
	6. View Timers		
9. Settings & Tools	1. My Verizon		
	2. Master Volume		
	3. Tools	1. Voice Commands 2. Calculator 3. Tip Calculator 4. Calendar 5. E-Diary 6. Alarm Clock 7. Stop Watch 8. World Clock 9. Notepad + 10. USB Mass Storage	
	4. Bluetooth	1. Add New Device	
	5. Sound Settings	1. Easy Set up	
		2. Call Sounds	1. Call Ringtone 2. Call Vibrate 3. Caller ID Readout

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Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
9. Settings & Tools	5. Sounds Settings	3. Alert Sounds	1. TXT Message 2. Multimedia Message 3. Voicemail 4. Emergency Tone 5. Missed Call
		4. Keypad Sounds	
		5. Keypad Volume	
		6. Digit Dial Readout	
		7. Service Alerts	1. ERI 2. Minute Beep 3. Call Connect 4. Software Update
		8. Device Connect	
		9. Power On/Off	1. Power On 2. Power Off
		10. Open/Close Sounds	
	6. Display Settings	1. Easy Set up	
		2. Banner	1. Personal Banner 2. ERI Banner
		3. Backlight	1. Display 2. Keypad
		4. Wallpaper	
		5. Display Themes	
		6. Main Menu Settings	1. Menu Layout 2. Replace Menu Item 3. Position Menu Item 4. Reset Menu Setting
		7. Font Type	
		8. Dial Fonts	
		9. Menu Font Size	
		10. Clock Format	

Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
Settings & Tools	7. Phone Settings	1. Airplane Mode	
		2. Set Shortcuts	1. Set My Shortcuts 2. Set Directional Keys
		3. Voice Commands Settings	1. Confirm Choices 2. Sensitivity 3. Adapt Voice 4. Prompts 5. About
		4. Language	
		5. Time & Date	
		6. Location	
		7. Current Country	
		8. Phone Security	1. Edit Codes 2. Restrictions 3. Phone Lock Setting 4. Lock Phone Now 5. Restore Phone
		9. SIM Security	1. PIN Code 2. SIM Lock
		10. System Select	1. Network Mode 2. CDMA Settings 3. GSM Settings
		11. NAM Selection	1. Auto NAM 2. Change NAM
	8. Call Settings	1. Answer Options	
		2. Auto Retry	
		3. TTY Mode	
		4. One Touch Dial	
		5. Voice Privacy	
		6. DTMF Tones	
		7. Assisted Dialing	

Main Menu	2ND DEPTH	3RD DEPTH	4TH DEPTH
Settings & Tools	9. Memory	1. Save Options	1. Pictures
			2. Videos
			3. Sounds
		2. Phone Memory	1. Phone Memory Usage
			2. My Pictures
			3. My Videos
			4. My Ringtones
			5. My Music
			6. My Sounds
			7. My Contacts
			8. Move All To Card
		3. Card Memory	1. Card Memory Usage
			2. My Pictures
			3. My Videos
			4. My Ringtones
			5. My Music
			6. My Sounds
			7. My Contacts
			8. Move All To Phone
	10. USB Mode		
	11. Phone Info	1. My Number	
		2. SW/HW Version	
		3. Icon Glossary	
		4. Software Update	1. Status
			2. Check New
		5. Operating System	
	12. SIM Info		
	13. Set up Wizard		

MAKING A CALL

1. Slide the phone up and enter the phone number (include the area code if needed).

- To erase one digit at a time, press the CLR Key.
- To erase the entire number, press and hold the CLR Key.
- When you place or receive a call from phone numbers stored in your Contact List with a contact name, the name will be displayed.

2. Press the SEND Key.
3. To end a call, press the END Key.

- If you activate the AUTO RETRY function, the phone will automatically re-dial the number (Refer to page 99).
- You can also place calls using Voice-Activated Dialing. Please refer to page 61 for more details.

ANSWERING CALLS

1. When your phone rings or vibrates, slide the phone up or press the SEND Key to answer the incoming call. (Depending on your **Answer Options**, you may also answer incoming calls by pressing any key. **Slide Open** is the default setting for this device.)
2. To ignore incoming calls, press the Right Soft Key [**Ignore**].
3. To end a call, press the END Key.

If Answer Options is set to “Auto with Handsfree”, calls are answered automatically after about five seconds (Refer to page 99).

MISSED CALL NOTIFICATION

When an incoming call is not answered, the Missed Call notification appears on the display.

TO DISPLAY THE MISSED CALL ENTRY FROM THE NOTIFICATION SCREEN:

1. Highlight **View Now** and press the OK Key OK.
2. Press the OK Key OK [**OPEN**] to view the call details.

TO DISPLAY A MISSED CALL ENTRY FROM IDLE MODE:

1. Slide the phone up, press the OK Key OK [**MENU**], select **Recent Calls**, then press the OK Key OK.
2. Press **1. Missed**.
3. Highlight the entry you wish to view, then press the OK Key OK [**OPEN**].
4. To dial the phone number, press the SEND Key ☎.

WAIT/PAUSE FEATURE

Pauses are used for automated systems (i.e., voice mail or calling cards). Insert a pause after a phone number and 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.

Add Wait

The phone stops dialing until you press the SEND Key ☎ or OK Key to advance to the next number.

Add 2-Sec Pause

The phone waits 2 seconds before sending the next string of digits automatically.

1. Slide the phone up and enter the phone number.
2. Press the Right Soft Key [**Options**].
3. Select **Add 2-Sec Pause** and press the OK Key OK.
4. Enter additional number(s) (pin number or credit card number).
5. Press the SEND Key ☎ to dial or the Left Soft Key [**Save**] to save.

MAKING AN INTERNATIONAL CALL

1. Slide the phone up, then press and hold the * Key *. The + required for international calls appears.
2. Enter the country code, area code, and phone number, then press the SEND Key ☎.
3. To end the call, press the END Key ☎.

If you set Assisted Dialing to On, the inputted phone numbers will be changed to the wrong number by the auto-correct function.

3-WAY CALLING

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

1. Slide the phone up, enter the phone number you wish to call, then press the SEND Key ☎.
2. Once you have established the connection, enter the second phone number you wish to call and then press the SEND Key ☎.
3. When you're connected to the second party, press the SEND Key ☎ again to begin your 3-Way call.

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

CALL WAITING FUNCTION

If you are on a call and you receive another incoming call, you will hear a beep and the caller's phone number will appear on the display. With Call Waiting, you may put the active call on hold while you answer the other incoming call.

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

CALLING A NUMBER FROM CONTACTS

1. From idle mode, press the OK Key (OK) twice to unlock the keypad, then press the Right Soft Key [**Contacts**].
2. Select the Contact entry and press the OK Key (OK) [**VIEW**], then select the desired phone number.
3. Press the SEND Key to place the call.

Selecting the Contact entry and then pressing the Send Key will dial the Default Number of the Contact entry automatically.

ADJUSTING VOLUME

TO ADJUST THE MASTER VOLUME:

1. From idle mode, press the OK Key (OK) to unlock the keypad, then press the Volume Keys ▴ / ▾ up or down.
2. Select one of the following options and press the OK Key (OK) [**SET**] to save it.

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

- Press the Volume Keys ▴ / ▾ up or down to adjust Earpiece volume during a call.

CALLER ID FUNCTION

Caller ID displays the number of the person calling when your phone rings. If the caller's identity is stored in Contacts, the name appears on the screen. The caller ID is stored in the Recent Calls menu.

VIBRATE MODE

Vibrate Mode mutes key tones and alerts for an incoming call or message. To activate Vibrate Mode:

1. Slide the phone up, then press and hold the Vibration Mode Key # to activate vibration mode.
2. To deactivate vibration mode, press and hold the Vibration Mode Key # .

SPEAKERPHONE MODE

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

1. To activate, press the OK Key (OK) to unlock the keypad, then press the Speakerphone Key . To deactivate, press the Speakerphone Key again.

USING AUTO KEYPAD LOCK FUNCTION

When the slide is closed the Side Keys and the Directional Key are locked. To unlock them, press any key on the external display with the phone in the closed position "**PRESS OK TO UNLOCK KEYPAD**" displays. Press the OK Key (OK) to unlock the keypad.

AVAILABLE OPTIONS DURING A CALL

During a phone call, you can access the following features by pressing the Right Soft Key [Options]:

NEW MESSAGE

To access the Messages Menu during a call:

1. Press the Right Soft Key [**Options**], with **New Message** highlighted, press the OK Key (OK) .

CONTACT LIST

To view your Contact List during a call:

1. Press the Right Soft Key [**Options**], select **Contact List** and press the OK Key OK.

RECENT CALLS

To view your Recent Calls list during a call:

1. Press the Right Soft Key [**Options**], select **Recent Calls** and press the OK Key OK.

BLUETOOTH MENU

To access the Bluetooth® Menu during a call:

1. Press the Right Soft Key [**Options**], select **Bluetooth** and press the OK Key OK.

If a Bluetooth Audio device is connected, Audio To Phone / Audio To Device is displayed in the options menu instead of Bluetooth.

MAIN MENU

To access the Main Menu during a call:

1. Press the Right Soft Key [**Options**], select **Main Menu** and press the OK Key OK.

NOTEPAD +

To compose notes during a call:

1. Press the Right Soft Key [**Options**], select **Notepad +** and press the OK Key OK.

VOICE PRIVACY

To turn the voice privacy feature On or Off:

1. Press the Right Soft Key [**Options**], select **Voice Privacy** and press the OK Key OK.

The settings of Voice Privacy does not applied in GSM.

MAKING AN EMERGENCY CALL

The E911 feature automatically places the phone in Emergency Call Mode when you dial the preprogrammed emergency number, "911". It also operates in Lock Mode and out of the service area.

911 IN LOCK MODE

To make an emergency call in Lock Mode:

1. Slide the phone up, enter "**911**", then press the SEND Key.
2. The call connects.
3. The phone maintains Emergency Mode for 5 minutes. After the 5 minutes, the phone returns to Lock Mode.

911 USING ANY AVAILABLE SYSTEM

To make an Emergency Call using any available system:

1. Slide the phone up, enter "**911**", then press the SEND Key.
2. The call connects.
3. The phone will stay in Emergency Mode for 5 minutes. While the phone is in the Emergency Mode for 5 minutes. After the 5 minutes, the phone can receive an incoming call from any available system or you can make outgoing calls even in the Emergency Callback Mode.

DIALING LETTERS

Allows you to dial the number associated with a specific word.

For example, to call "1-800-FLOWERS":

1. Slide the phone up, enter "**1-800**", then press the Mode Change Key.
2. Enter "**FLOWERS**" with the QWERTY Keypad and press the SEND Key to connect.

- If the Alphabetical Entry Mode icon is turned on, only capital letters will be appeared.
- Pressing the Mode Change Key will change between Numeric Entry Mode and Alphabetical Entry Mode.

01
02
03
04
05
06
07

ASSIGNING FAVORITES MENU

Allows you to assign max nine Favorites menus.

1. Press the Favorites Key , press OK Key.
2. Select and Mark Contact List and press the left soft Key .

MEMORY FUNCTION 3

This chapter addresses memory functions including:

Storing a Phone Number
Editing Contact Entries
Default Numbers
Entering Letters, Numbers & Symbols
One, Two, Three-touch Dialing

STORING A PHONE NUMBER

The Contact List stores up to 1000 entries.

ADDING A NEW CONTACT

1. Slide the phone up and enter the phone number you want to save.
2. Press the Left Soft Key [**Save**].
3. Select 1. Add New Contact and press the OK Key (OK).
4. Press the Directional Key up or down to select the type of phone number you want to save, then press the OK Key (OK).
   Mobile 1 / **Mobile 2** / **Home** / **Business** / **Fax**

Use Update Existing to add another phone number to a contact already stored in memory.

5. Enter a name for the phone number (up to 32 characters), then press the OK Key (OK) [**SAVE**].
6. "**CONTACT SAVED**" displays, then the phone number reappears on the screen. Press the End Key to exit, or press the Send Key to call the number.

OPTIONS TO CUSTOMIZE YOUR CONTACTS

Once the basic phone number and name information is stored in your Contacts, you can edit and/or customize the entries.

1. Slide the phone up and press the Right Soft Key [**Contacts**], then highlight the Contact entry you want to edit.
2. Press the Left Soft Key [**Edit**] to access the Edit Contact screen.
3. Select the information field you want to customize. Fields include:
   Name / **Mobile 1** / **Home** / **Business** / **Mobile 2** / **Fax** / **Personal Email** / **Business Email** / **IM Screen Name** / **Pic/Video** / **Ringtone** / **Message Tone** / **Group** / **Home Address** / **Work Address** / **Company** / **Title / Birthday** / **Notes**
4. Change the data as necessary, then press the OK Key (OK) [**SAVE**] to update the contact entry.

ADDING OR CHANGING GROUPS

To organize your Contacts into groups:

1. Slide the phone up, press the Right Soft Key [**Contacts**], then highlight the desired Contact entry.
2. Press the Left Soft Key [**Edit**].
3. Highlight **Group** and press the Left Soft Key [**Set** / **Edit**]
4. Select **Business** or **Personal**, then press the OK Key (OK) [**MARK**]. To create a new group, press the Right Soft Key [**New**], enter the new group name, then press the OK Key (OK) [**SAVE**].
5. Press the Left Soft Key [**Done**] to set the group.
6. Press the OK Key (OK) [**SAVE**] to update the contact entry.

CHANGING THE CALL RINGTONE

To identify who is calling by setting different ringtones for different phone numbers in your Contacts:

1. From idle mode, press the OK Key (OK) to unlock the keypad, press the Right Soft Key [**Contacts**], then highlight the desired entry.
2. Press the Left Soft Key [**Edit**].
3. Highlight **Ringtone**, then press the Left Soft Key [**Set**].
4. Select the new ringtone, then press the OK Key (OK).

Press the Left Soft Key [Play] to listen to a highlighted ringtone or press the Right Soft Key [Options] to view the file information before you press the OK Key (OK).

5. Press the OK Key (OK) [**SAVE**] to update the contact entry.

ADDING OR CHANGING THE PIC/VIDEO ID

To select a picture or video to assign to a Caller ID:

1. From idle mode, press the OK Key (OK) to unlock the keypad, press the Right Soft Key [**Contacts**], then highlight the desired entry.
2. Press the Left Soft Key [**Edit**].

3. Highlight **Pic/Video**, and press the Left Soft Key [**Set**].
4. Select **1. My Pictures** or **2. My Videos**, then press the OK Key.
5. Press the Directional Key up, down, left or right to select a picture or a video, then press the OK Key.
6. When completed, press the OK Key [**SAVE**] to update the contact entry.

ADDING OR CHANGING AN EMAIL ADDRESS

To enter or add an Email address to a Contact entry:

1. Slide the phone up, press the Right Soft Key [**Contacts**], then highlight the desired entry.
2. Press the Left Soft Key [**Edit**].
3. Highlight **Personal Email** / **Business Email**.
4. Enter an Email address using the QWERTY Keypad, then press the OK Key [**SAVE**] to update the contact entry.

ADDING A SPEED DIAL ENTRY

To add an entry to Speed Dial:

1. From idle mode, press the OK Key to unlock the keypad, press the Right Soft Key [**Contacts**], then highlight a desired entry.
2. Press the Left Soft Key [**Edit**].
3. Highlight the phone number you want to add to Speed Dial, then press the Right Soft Key [**Options**].
4. Select **1. Set Speed Dial**, then press the OK Key.
5. Select a Speed Dial location, then press the OK Key [**SET**].
6. Select **Yes** and press the OK key.
7. Press the OK Key [**SAVE**] to update the contact entry.

You can slide the phone up, and using the QWERTY Keypad press the corresponding speed dial number to select the desired speed dial location.

EDITING CONTACT ENTRIES

ADDING A PHONE NUMBER FROM IDLE MODE

1. Slide the phone up and enter the phone number you want to save (up to 32 digits).
2. Press the Left Soft Key [**Save**].
3. Highlight **2. Update Existing**, then press the OK Key.
4. Highlight the existing Contact entry, then press the OK Key.
5. Highlight the following phone number type, then press the OK Key.
   Mobile 1 / **Mobile 2** / **Home** / **Business** / **Fax**
6. If a phone number is already assigned to the type you selected, select **Yes** to overwrite the existing entry, then press the OK Key.
7. “**CONTACT UPDATED**” displays, then the phone number reappears on the screen. Press the End Key to exit, or press the Send Key to call the number.

ADDING A PHONE NUMBER FROM THE CONTACT LIST SCREEN

1. Slide the phone up and press the Right Soft Key [**Contacts**]. Your Contacts are displayed alphabetically.
2. Highlight the Contact entry you want to edit, then press the Left Soft Key [**Edit**].
3. Highlight the phone number field and enter the number, then press the OK Key [**SAVE**] to update the contact entry. A confirmation message appears.

EDITING STORED PHONE NUMBERS

1. Slide the phone up and press the Right Soft Key [**Contacts**]. Your Contacts are displayed alphabetically.
2. Highlight the Contact entry you want to edit, then press the Left Soft Key [**Edit**].
3. Select the phone number you want to edit.

4. Edit the phone number as necessary, and then press the OK Key OK [**SAVE**] to update the contact entry.

EDITING STORED NAMES

1. Slide the phone up, then press the Right Soft Key [**Contacts**]. Your Contacts are displayed alphabetically.
2. Highlight the Contact entry you want to edit, then press the Left Soft Key [**Edit**].
3. Edit the name as necessary, and then press the OK Key OK [**SAVE**] to update the contact entry.

DELETING A PHONE NUMBER FROM A CONTACT

1. From idle mode, press the OK Key OK to unlock the keypad, then press the Right Soft Key [**Contacts**].
2. Highlight the Contact entry, then press the Left Soft Key [**Edit**].
3. Select the desired phone number to be deleted.
4. Press and hold the Clear Key CLR to delete the number.
5. Press the OK Key OK [**SAVE**] to update the contact entry. A confirmation message appears.

DELETING A CONTACT ENTRY

1. From idle mode, press the OK Key OK to unlock the keypad, then press the Right Soft Key [**Contacts**].
2. Select the desired Contact entry to be deleted.
3. Press the Right Soft Key [**Options**], select **2. Erase** and press the OK Key OK .
4. Select **Yes** and press the OK Key OK . A confirmation message appears.

DELETING A SPEED DIAL

1. From idle mode, press the OK Key OK to unlock the keypad, then press the Right Soft Key [**Contacts**].
2. Highlight the entry that has a speed dial to be deleted.
3. Press the Left Soft Key [**Edit**].
4. Highlight the phone number that has a speed dial to be deleted.
5. Press the Right Soft Key [Options], select **1. Remove Speed Dial** and press the OK Key OK .
6. Select **Yes** and press the OK Key OK . A confirmation message appears.
7. Press the OK Key OK [**SAVE**] to update the contact entry.

DEFAULT NUMBERS

The phone number saved when a Contact is created is the Default Number. If more than one number is saved in a Contact entry, another number can be set as the Default Number.

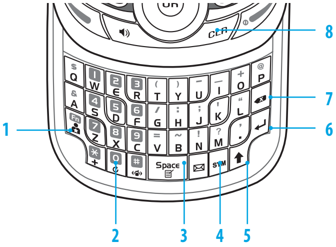
The Default Number cannot be deleted. The entire Contact entry can be deleted or another number can be assigned as the Default Number allowing you to delete the original number and keep the Contact entry.

CHANGING THE DEFAULT NUMBER

1. From idle mode, press the OK Key OK to unlock the keypad, then press the Right Soft Key [**Contacts**]. Your Contacts are displayed alphabetically.
2. Highlight the Contact entry you want to edit, then press the Left Soft Key [**Edit**].
3. Highlight the phone number you want to assign as the Default Number, then press the Right Soft Key [**Options**].
4. Select **2. Set As Default**, then press the OK Key OK .
5. Select Yes and press the OK Key OK . A confirmation message appears.
6. Press the OK Key OK [**SAVE**] to update the contact entry.

ENTERING LETTERS, NUMBERS & SYMBOLS

Your device has a QWERTY Keypad that provides a superior typing experience on a small handheld device for easy and comfortable input.



1. [Fn] Mode Change Key:

- When in Numeric entry mode
  - Press to change between entering numbers and letters that appear on the same key.
- When in Text entry mode
  - Press to change between entering numbers and letters that appear on the same key.
  - Press and hold to lock in numeric or text entry mode.

2. [0] Word Change Key: When in text entry mode, press to select the next matching word.

3. [Space] Space Key: Press to accept a word and add a space while entering letters. From idle mode, press to access the Notepad+ menu.

4. [SYM] Symbols Key: Press to open the symbols list.

5. [⬆] Caps Key: Press to select a letter case for the standard text [Abc] input mode. [Abc], [ABC] and [abc] indicate the standard text input.

6. [↵] Enter Key: Press to insert a carriage return.

7. [⌫] Delete Key: When in a Text entry field and in entry mode, press to delete the character to the left of the cursor. Press and hold to delete the entire word or character string that was just entered.

8. [CLR] CLR Key: When in a Text entry field and in entry mode, press to delete the character to the left of the cursor. Press and hold to delete the entire word or character string that was just entered.

For best performance in low-light environments, your handset includes a backlight feature that can illuminate both the display and the keypad so you can keep reading and typing. (Please refer to page 85 for more details on Backlight.)

ONE, TWO, THREE - TOUCH DIALING

Ideal for frequently dialed numbers, this feature allows contact entries to be dialed via the keypad with only one, two, or three key presses.

ONE - TOUCH DIALING:

1-9: Slide the phone up, then press and hold the number you wish to connect to for more than 1 second. 1W (**Voicemail**) is already assgned to your voicemail box.

TWO - TOUCH DIALING:

10-94: Slide the phone up, then press the first digit and press and hold the second digit of the number to dial.

95, 96, 97, 98 and 99: Speed Dial entries **95(#Warranty Center)**, **96(#DATAy)**, **97(#BAL)**, **98(#MIN)** and **99(#PMT)** are already assigned to Verizon Wireless Account Information.

THREE - TOUCH DIALING:

100-500: Slide the phone up, press the first and second digits, then press and hold the third digit of the number to dial.

411: Speed Dial entry **411** (**Directory Assistance**) is already assigned.

MENU FUNCTION 4

This chapter addresses accessing the menu and using its functions and features to customize your TXT8045VW.

CONTACTS
New Contact
Contact List
Backup Assistant
Groups
Speed Dials
In Case of Emergency
My Name Card

RECENT CALLS
Missed
Received
Dialed
Blocked
All
View Timers

TOOLS
Voice Commands
Calculator
Tip Calculator
Calendar
E-Diary
Alarm Clock
Stop Watch
World Clodk
Notepad+
Usb Mass Storage

SETTINGS
My Verizon
Master Volume
Bluetooth
Sounds Settings
Display Settings
Phone Settings
Call Settings
Memory
Usb Mode
Phone Info
Set-Up Wizard

NEW CONTACT

To add a new number to your Contact List:

Using this submenu, the number is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **1. New Contact**.
2. In the **Name field**, enter a name for the Contact.

To change the input mode, press the OK Key (OK) Left Soft Key [Abc], select the desired option, and press the OK Key (OK).

3. Press the Directional Key ◎ down to enter information in other fields for the contact. Fields include:
   Name / **Mobile 1** / **Home** / **Business** / **Mobile 2** / **Fax** / **Personal Email** / **Business Email** / **IM Screen Name** / **Pic/Video** / **Ringtone** / **Message Tone** / **Group** / **Home Address** / **Work Address** / **Company** / **Title** / **Birthday** / **Notes**
4. Press the OK Key (OK) [**SAVE**] to create the contact entry.

You can save five contacts into the SIM with fields of name and phone number. When you save contacts, these are copied into SIM by choice. You can't only save the contact into SIM but you can edit the contact in VZW SIM card.

CONTACT LIST

You can review all the entries stored in your Contact List or quickly find an entry by entering a name or its character string in the Go To field.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **2. Contact List**.

Shortcut: From idle mode, slide the phone up and press the OK Key (OK) Right Soft Key [Contacts]. The list of names in your contacts is displayed alphabetically.

2. Enter a name or part of a name in the **Go To** field at the bottom of the screen or press the Directional Key ◎ up or down to scroll through your Contact List.
3. To edit the entry, press the Left Soft Key [**Edit**]. To view contact details, press the OK Key (OK) [**VIEW**].
   - By pressing the Right Soft Key [Options], you can choose from the following:
     1. New Contact: Add a new contact to your contact list.
     2. Erase: Deletes the contact from your contact list.
     3. New Message: Allows you to send a TXT Message to the contact.
     4. Set As ICE Contact: Set as an emergency contact.
     5. Call: Dial the contact.
     6. Copy & Move: Allows you to copy or move contacts with the following options:
       1. Move to SIM / **2. Copy to SIM** / **3. Move to Phone** / **4. Copy to Phone**
     7. Manage Contacts: Allows you to manage your contacts with the following options:
       1. Erase / **2. Lock** / **3. Unlock** / **4. Copy To Card**
     8. Show Contacts in: Allows you to change contacts in with the following options:
       1. Phone & SIM / **2. Phone Only** / **3. SIM Only**
     9. Send Name Card: Allows you to send a name card via Bluetooth®.
4. To dial the selected number, press the Right Soft Key [**Options**], select **Call** and press the OK Key (OK) or press the SEND Key to place a call.

BACKUP ASSISTANT

Backup Assistant is a wireless service that stores a copy of your Contact List to a secure web site.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **3. Backup Assistant**.
2. Follow the on-screen prompts.

GROUPS

Groups allow you to classify phone entries into groups with up to 10 members in each group. The default groups include Family and Work and they cannot be erased or renamed.

TO ADD NEW GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Press the Left Soft Key [**New**].
3. Enter a new group name and press the OK Key (OK) [**SAVE**].

TO ASSIGN PHONE NUMBER TO GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group where you want to add the contact, and then press the Right Soft Key [**Options**].
3. Select **3. Add** and press the OK Key (OK) .
4. Your contact entries will be displayed in alphabetical order. Select the contact you want to add then press the OK Key (OK) [**MARK**].
5. Press the Left Soft Key [Done]. "**MEMBER LIST UPDATED**" will be displayed.

TO CHANGE GROUP NAME

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group you want to rename then press the Right Soft Key [**Options**].
3. Select **5. Rename** and press the OK Key (OK) .
4. Enter the new group name, then press the OK Key (OK) [**SAVE**].

ERASE GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the existing group name that you want to erase, and then press the Right Soft Key [**Options**].
3. Select **6. Erase Group** and press the OK Key (OK) .
4. "**ERASE GROUP?**" will appear on the screen.
5. Select **Yes** and press the OK Key (OK) . A confirmation message appears.

TO SEND A TXT MESSAGE TO A GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group you want to send a message to, then press the Right Soft Key [**Options**].
3. Press **1. New TXT Message**.
4. Input your message in the Text field and then press the Right Soft Key [**Options**] to select from the following: **Insert Quick Text**, **Save As Draft**, **Add**, **Format Text**, **Priority Level** or **Cancel Message**.
5. To send the TXT message, press the OK Key (OK) [**SEND**] or press the SEND Key .

TO SEND A PICTURE MESSAGE TO A GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group you want to send a message to, then press the Right Soft Key [**Options**].
3. Press **2. New Picture Message**.
4. Under **Text**, input your message and then press the Directional Key ◎ down.
5. Under **Picture**, press the Left Soft Key [**My Pics**], select the picture you would like to send then press the OK Key (OK) . Press the Directional Key ◎ down.
6. Under **Sound**, press the Left Soft Key [**Sounds**], select the sound you would like to send then press the OK Key (OK) . Press the Directional Key ◎ down.
7. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts** then press the OK Key (OK) . Select the desired card then press the OK Key (OK) . Press the Directional Key ◎ down.

8. Under **Subject**, input a subject using the QWERTY Keypad.
9. Press the Right Soft Key [**Options**] to select from the following: **Preview**, **Save as Draft**, **Insert Quick Text**, **Add Slide**, **Priority Level** or **Cancel Message**.

These options will vary depending on the message contents chosen.

10. To send the Picture Message, press the OK Key (OK) [**SEND**] or press the SEND Key .

TO SEND A VIDEO MESSAGE TO A GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group you want to send a message to, then press the Right Soft Key [**Options**].
3. Press **3. New Video Message**.
4. Under **Text**, input your message and then press the Directional Key ◎ down.
5. Under **Video**, press the Left Soft Key [**My Videos**], select the video you would like to send then press the OK Key (OK) . Press the Directional Key ◎ down.
6. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts** then press the OK Key (OK) . Select the desired card then press the OK Key (OK) . Press the Directional Key ◎ down.
7. Under **Subject**, input a subject using the QWERTY Keypad.
8. Press the Right Soft Key [**Options**] to select from the following: **Preview**, **Save as Draft**, **Insert Quick Text**, **Priority Level** or **Cancel Message**.

These options will vary depending on the message contents chosen.

9. To send the Video Message, press the OK Key (OK) [**SEND**] or press the SEND Key .

TO SEND A VOICE MESSAGE TO A GROUP

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **4. Groups**.
2. Select the group you want to send a voice message to, then press the Right Soft Key [**Options**].
3. Press **4. New Voice Message**.
4. To record a new Voice Memo, press the OK Key (OK) to start recording, then press the OK Key (OK) [**STOP**] to finish recording and save the voice memo.
5. Under **Voice**, your recorded file name will appear. Press the Directional Key ◎ down.
6. Under **Text**, input your message then press the Directional Key ◎ down.
7. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts** then press the OK Key (OK) . Select the desired card then press the OK Key (OK) . Press the Directional Key ◎ down.
8. Under **Subject**, input a subject using the QWERTY Keypad.
9. Press the Right Soft Key [**Options**] to select from the following: **Review**, **Save as Draft**, **Insert Quick Text**, **Priority Level** or **Cancel Message**.

These options will vary depending on the message contents chosen.

10. To send the Voice Message, press the OK Key (OK) [**SEND**] or press the SEND Key .

SPEED DIALS

From idle mode, calls can be placed to numbers stored in speed dials by sliding the phone up, and pressing & holding the location number on the keypad.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **6. Contacts**, **5. Speed Dials**.
2. Highlight the desired Speed Dial position, or enter the Speed Dial digit, then press the OK Key (OK) [**SET**].

3. Select the desired Contact entry, then press the OK Key OK .
4. Highlight the number you wish to set to speed dial then press the OK Key OK .
5. “**ASSIGN SPEED DIAL TO CONTACT?**” appears on the screen. Select **Yes** and press the OK Key OK . A confirmation message appears.

“Unassigned” appears if the location is available.

TO ERASE A SAVED SPEED DIAL

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **5. Speed Dials**.
2. Select the Speed Dial entry you want to erase.
3. Press the Right Soft Key [**Remove**].
4. “**REMOVE SPEED DIAL?**” appears on the screen. Select **Yes** and press the OK Key OK . A confirmation message appears.

IN CASE OF EMERGENCY

Your phone has a special menu to organize your emergency contacts and personal information.

TO ASSIGN EMERGENCY CONTACTS

Follow the procedures below to register a Contact to be contacted in case of emergency, or to register a medical record number or other personal info. To register up to three different Contacts to ICE:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.

Shortcut: From idle mode, slide the phone up and press the Right Soft Key [Contacts], then select In Case of Emergency and press the OK Key OK [VIEW].

2. Select **Contact 1**, **Contact 2** or **Contact 3**, then press the OK Key OK [**ADD**].
3. To select a contact from the Contacts List, press **1. From Contacts**, select the Contact entry, and then press the OK Key OK . To add a new contact as an ICE CONTACT, press **2. New Contact**, enter the info, and then press the OK Key OK [**SAVE**].
4. The Contact name will be displayed in the place of **Contact 1**, **Contact 2** or **Contact 3**.

TO RE-ASSIGN EMERGENCY CONTACTS

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select the contact you want to re-assign, press the Right Soft Key [**Options**], then press **1. Re-assign**.
3. To select a contact from the Contacts List, press **1. From Contacts**, select the Contact entry, and then press the OK Key OK . To reassign a new contact as an ICE CONTACT, press **2. New Contact**, enter the info then press the OK Key OK [**SAVE**].
4. A confirmation message appears.

TO UNASSIGN EMERGENCY CONTACTS

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select the contact you want to unassign, then press the Right Soft Key [**Options**].
3. Press **2. Unassign**.
4. A confirmation message appears.

TO CALL AN ASSIGNED EMERGENCY CONTACT

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select the contact you want to call and then press the Left Soft Key [**Call**] or press the SEND Key .

TO ADD PERSONAL INFO

To store a Medical Record Number or other information that may be useful in case of an emergency:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select **Personal Info** and then press the OK Key OK [**VIEW**].
3. Select **Note 1**, **Note 2** or **Note 3** and then press the OK Key OK [**ADD**].
4. Enter the information using the QWERTY Keypad and then press the OK Key OK [**SAVE**].
5. The entered information now appears in the place of **Note 1**, **Note 2** or **Note 3**.

TO EDIT SAVED PERSONAL INFO

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select **Personal Info** then press the OK Key OK [**VIEW**].
3. Select the Note you want to edit then press the OK Key OK [**VIEW**].
4. Press the OK Key OK [**EDIT**], edit the Note, then press the OK Key OK [**SAVE**].

TO ERASE SAVED PERSONAL INFO

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **6. In Case of Emergency**.
2. Select **Personal Info** then press the OK Key OK [**VIEW**].
3. Select the Note you want to erase then press the Right Soft Key [**Erase**].
4. "**ERASE NOTE?**" will be displayed on the screen. Select **Yes** and press the OK Key OK. A confirmation message appears.

MY NAME CARD

A Name Card with the handset's mobile number automatically appears.

EDIT MY NAME CARD

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **7. My Name Card**.
2. Press the Left Soft Key [**Edit**].
3. Edit the My Name Card options and then press the OK Key OK [**SAVE**] to save your changes.

SEND MY NAME CARD

1. Slide the phone up, press the OK Key OK [**MENU**], then press **6. Contacts**, **7. My Name Card**.
2. Press the Right Soft Key [**Send**].
3. Press **1. Send via TXT Message**, **2. Send via Picture Message**, **3. Send via Video Message**, **4. Send via Voice Message** or **5. Send via Via Bluetooth**.
   - **Send via TXT Message**: Allows you to send TXT messages with the Name Card as an attachment.
     1. Enter the recipient's contact information and press the OK Key OK.
     2. Enter your message in the Text field and then press the OK Key OK [SEND].
   - **Send via Picture Message**: Allows you to send picture messages with the Name Card as an attachment.
     1. Enter the recipient's contact information and press the OK Key OK.
     2. Compose your Picture Message and then press the OK Key OK [SEND]. Please refer to page 121 for more details on Picture Message.
   - **Send via Video Message**: Allows you to send video messages with the Name Card as an attachment.
     1. Enter the recipient's contact information and press the OK Key OK.
     2. Compose your Video Message and then press the OK Key OK [SEND]. Please refer to page 122 for more details on Video Message.
   - **Send via Voice Message**: Allows you to send voice messages with the Name Card as an attachment.

1. Press the OK Key (OK) to start recording a voice memo and press the OK Key (OK) [STOP] to finish recording and save the voice memo.
2. Compose your Voice Message and then press the OK Key (OK) [SEND]. Please refer to page 123 for more details on Voice Message.

- **Send via Via Bluetooth**: Allows you to send Name Card to another Bluetooth® device.

1. Press 1. Add New Device. If the Bluetooth power is switched off, the following message will appear on the screen: "TURN BLUETOOTH POWER ON?". Press the OK Key (OK) to select Yes.
2. When "PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE" appears, press the OK Key (OK) to start searching Bluetooth devices.
3. Press the Directional Key ◎ up or down to select a desired device and press the OK Key (OK) [PAIR]. Please refer to page 77 for more details on Bluetooth.
4. The handset may prompt you for the passkey. Consult the Bluetooth accessory (sold separately) instructions for the appropriate passkey (typically "0000" - 4 zeroes). Enter the passkey, then press the OK Key (OK) .
5. "Before Connecting To [Device Name]" will appear on the screen. Select Always Ask or Always Connect and press the OK Key (OK) .

MISSED

Displays information about the 90 most recently missed calls. Place a call to a missed call by simply pressing the SEND Key .

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **7. Recent Calls**, **1. Missed**.
2. Highlight an entry and do one of the following options:
   - Press the OK Key ◎ [**OPEN**] to view the entry.
   - Press the Send Key to place a call to the number.
   - Press the Right Soft Key [**Options**] to select:

     Erase: Deletes the call from Missed calls list.
     Lock/Unlock: Locks or unlocks the entry.
     Erase All: Deletes all entries from Missed calls list.
     View Timers: Displays usage time.
     Detail: View the information of the call.
     Save to Contact: Save the contact.

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

RECEIVED

Displays information about the 90 most recently received calls. Place a call to a received call by simply pressing the SEND Key .

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **7. Recent Calls**, **2. Received**.
2. Highlight an entry and do one of the following options:
   - Press the OK Key ◎ [**OPEN**] to view the entry.
   - Press the Send Key to place a call to the number.
   - Press the Right Soft Key [**Options**] to select:

     Erase: Deletes the call from Received call list.
     Lock/Unlock: Locks or unlocks the entry.
     Erase All: Deletes all entries from Received call list.
     View Timers: Displays usage time.
     Detail: View the information of the call.
     Save to Contact: Save the contact.

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

01
02
03
04
05
06
07

DIALED

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

1. Slide the phone up, press the OK Key [**MENU**], then press **7. Recent Calls**, **3. Dialed**.
2. Highlight an entry and do one of the following options:
   - Press the OK Key [**OPEN**] to view the entry.
   - Press the Send Key to place a call to the number.
   - Press the Right Soft Key [**Options**] to select:

     Erase: Deletes the call from Dialed list.
     Lock/Unlock: Locks or unlocks the entry.
     Erase All: Deletes all entries from Dialed call list.
     View Timers: Displays usage time.

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

BLOCKED

This menu appears only when incoming calls are restricted in the **Restrictions** menu.

1. Slide the phone up, press the OK Key [**MENU**], then press **7. Recent Calls**, **4. Blocked**.
2. Highlight an entry and do one of the following options:
   2. Select **More** and then **Blocked Calls**.
3. Enter the 4-digit lock code.

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

4. Select a call log to view details.

ALL

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

1. Slide the phone up, press the OK Key [**MENU**], then press **7. Recent Calls**, **5. All**.
2. Highlight an entry and select from the following options:
   - Press the OK Key [**OPEN**] to view the entry.
   - Press the Send Key to place a call to the number.
   - Press the Right Soft Key [**Options**] to select:

     Erase: Deletes the call from All call list.
     Lock/Unlock: Locks or unlocks the entry.
     Erase All: Deletes all entries from All call list.
     View Timers: Displays usage time.
     Blocked: Allows you to view blocked calls, if applicable.

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

Shortcut: To view a quick list of all your calls, press the Send Key from idle mode.

VIEW TIMERS

Checks the usage time and manages your calls within the limit you set. To view 11 timers (Last Call, All Calls, Received Calls, Dialed Calls, Roaming Calls, Transmit Data, Received Data, Total Data, Last Reset, Lifetime Calls, Lifetime Data Counter):

1. Slide the phone up, press the OK Key [**MENU**], then press **7. Recent Calls**, **6. View Timers**.
2. Highlight a call list. Call timers include:

   Last Call / **All Calls** / **Received Calls** / **Dialed Calls** / **Roaming Calls** / **Transmit Data** / **Received Data** / **Total Data** / **Last Reset** / **Lifetime Calls** / **Lifetime Data Counter**
   - Press the Left Soft Key [Reset] to reset highlighted timer.
   - Press the Right Soft Key [Reset All] to reset all timers.

VOICE COMMANDS

Your phone is equipped with an Advanced Voice Commands (AVC) feature. This feature allows you to make calls or use the phone's functions by simply using your voice. All you have to do is talk into the phone and then the phone will recognize your voice and complete tasks by itself.

1. To access Voice Commands from idle mode, slide the phone up, press the OK Key (OK) [**MENU**], then press **Settings & Tools**, **3. Tools**, **1. Voice Commands**.

Shortcut: From idle mode, press AVC Key 🎤 to access the Voice Commands menu.

2. The phone displays the Voice Commands menu and prompts you to say the name of the command you want to use. To complete your task, simply follow the voice prompts. You can speak the name of the command after you hear a beep.
3. Select one of the following options, then press the OK Key (OK).
   Call <Name or #> / **Send <MSG Type>** / **Go To <Menu>** / **Check <Item>** / **Contact <Name>** / **Search** / **Redial** / **Play <Playlist>** / **My Verizon** / **Help**

To view information about each option, press the Left Soft Key [Info]. Press the Right Soft Key [Settings] to access Voice Commands Settings. Please refer to page 64 for more details on Voice Commands Settings.

4. When it recognizes one of these commands, the phone launches the associated application. If the phone does not hear a command within approximately eight seconds, AVC mode will turn itself off.

CALL <NAME OR #>

Use the Call command to voice dial a name from your Contact List or a phone number. When dialing a number, pronounce each digit, but do not pause noticeably between the digits.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. If calling a contact from your Contact List, say Call <Name>. Your phone will ask you to confirm the name you said. Say "**Yes**" if it was repeated correctly. That phone number will be dialed. If there is more than one number saved for that contact, you will be asked to confirm which number to dial.
   Example: Call John Work

SEND <MSG TYPE>

Use the Send command to send a text or other type of message to a specified name or number.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Send**" followed immediately by Text, Picture, Video or Voice Message.
   Example: Send text message to Bob

GO TO <MENU>

Use the Go To command to open an application on your phone. You can say "**Go To**" by itself and be prompted to say the application name, or you can skip the prompt by saying "**Go To**" followed by the application name.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. To access a menu within the phone, say "**Go To**" followed by the menu.
   Example: "Go To Calendar". If no menu option is stated, a list of options will be provided.

CHECK <ITEM>

The Check command lets you check status information for your phone. You can say "**Check**" or "**Check Status**" to see and hear all status information.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Check**" followed immediately by one of the following items:
   Status / **Voicemail** / **Messages** / **Missed Calls** / **Time** / **Signal Strength** / **Battery Level** / **Volume** / **Balance** / **Minutes** / **Payment** / **My Number**

CONTACT <NAME>

Use the Contact command to retrieve and display information for any name stored in your Contact List.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Contact <Name>**" to retrieve and display the contact information. Example: Contact Bob Smith and follow the voice prompts.
   Call / **Readout** / **Create New** / **Modify** / **Erase**

SEARCH

Use the Search command to search for information over the Internet.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Search**".
3. Your phone will make a web connection.

REDIAL

Use the Redial command to make a call to the last number you dialed.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Redial**".
3. Your phone will make a call to the last number you dialed.

PLAY <PLAYLIST>

Say "**Play**" followed by a playlist title and then your phone will play back the recognized playlist for you.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Play <Playlist>**" to play back individual playlist or say "**Play All Songs**" to play back all songs saved in your phone.

MY VERIZON

Use the My Verizon command to access information about your Verizon account.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**My Verizon**".
3. Your phone will make a web connection.

HELP

Use the Help command to view how to use the Voice Commands.

1. You will hear **Please say a command** and the Voice Commands menu will be displayed.
2. Say "**Help**".
3. The Help guide will be displayed on your phone.

VOICE COMMANDS SETTINGS

CONFIRM CHOICES

When the phone does not recognize your voice command, it will ask you to repeat your voice command. If it does not recognize the name or number, it will display a list of up to three choices and speak each one in turn. You can control how often the phone asks you to confirm the recognized name or number.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **1. Voice Commands**.

To view information about each option, press the Left Soft Key [Info].

2. Press the Right Soft Key [**Settings**] and then press **1. Confirm Choices**.

Shortcut: From idle mode, press AVC Key to access the Voice Commands menu and press the Right Soft Key [Settings].

3. Select **Automatic**, **Always Confirm** or **Never Confirm**, then press the OK Key (OK).

SENSITIVITY

The Sensitivity setting allows you to adjust the sensitivity monitoring of voice tones. If you frequently experience the messages "Please try again" or "COMMAND NOT RECOGNIZED Try again?", adjust the sensitivity toward Less Sensitive. If you frequently experience false activations (when the phone recognizes a name you didn't say), adjust the sensitivity toward More Sensitive.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **1. Voice Commands**.
2. Press the Right Soft Key ✎ [**Settings**] and then press **2. Sensitivity**.
3. Select **More Sensitive**, **Automatic** or **Less Sensitive**, then press the OK Key (OK).

ADAPT VOICE

Voice Commands are speaker independent, which means that no training or adaptation is required. Some users with heavy accents or unusual voice characteristics may find difficulty in achieving high accuracy with speaker independent Voice Commands, so the Adapt Voice feature allows users to dramatically improve the recognition accuracy after adapting their voices. Users who get acceptable recognition accuracy will find no additional benefit to performing the Adapt Voice feature.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **1. Voice Commands**.
2. Press the Right Soft Key ✎ [**Settings**] and then press **3. Adapt Voice**.
3. Select **1. Train Voice** then press the OK Key (OK).
   - **Train Voice**: Requires that you make recordings of your voice to customize the voice recognition system. It will take a few minutes.
4. "**Adaptation will take a couple of minutes to complete. Adapt in a quiet room. Press OK to begin.**" will appear on the screen. Press the OK Key (OK). Wait for the beep, and then repeat the sentences using a normal tone of voice.
5. When you are finished with a full session, you will reach a screen that reads "**Adaptation Complete**".

PROMPTS

Allows you to select voice command system characteristics.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **1. Voice Commands**.
2. Press the Right Soft Key ✎ [**Settings**] and then press **4. Prompts**.
3. Select **1. Mode**, **2. Audio playback** or **3. Timeout**, then press the OK Key (OK).
   - **Mode**: Select the voice command system mode from the following:
     - Prompts: For handset to prompt for required information.
     - Readout+Alerts: For handset to prompt for required information and readout the contents of the screen and phone alerts.
     - Readout: For handset to prompt for required information and readout the contents of the screen.
     - Tones Only: For handset to provide beeps only for audio guidance.
   - **Audio playback**: Allows audio playback to play through the speakerphone or earpiece. Select **Speakerphone** or **Earpiece**.
   - **Timeout**: Select a period of time either **5 seconds** or **10 seconds** which the system listens for a command before timing out.
4. Select an option and press the OK Key (OK).

ABOUT

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**,

3. Tools, **1. Voice Commands**.

2. Press the Right Soft Key [**Settings**] and then press **5. About**.
3. The Nuance version appears.
4. To return to the previous screen, press the CLR Key or the Right Soft Key [**Back**].

CALCULATOR

The Calculator allows you to perform simple mathematical calculations. To access the calculator:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **2. Calculator**.
2. Follow the instructions below to calculate 8×6÷4-2.5=9.5
   - Input 8 and then press the Directional Key right.
   - Input 6 and then press the Directional Key left.
   - Input 4 and then press the Directional Key down.
   - Input 2 and then press the to input (.).
   - Input 5 and then press the OK Key and you will see the answer (9.5).
3. To reset, press the Left Soft Key [**Clear**].

- Directional Key right : X
- Directional Key down : -
- Directional Key left : ÷
- Directional Key up : +
- * Key : .
- Left Soft Key : Clear
- OK Key : =
- To change the displayed number from positive (+) to negative (-) and vice versa, press # Key .
- Press the Right Soft Key [Operator] to use parenthesis 1. (, 2.) and 3. Exponent.

TIP CALCULATOR

Allows you to calculate the tip and determine how much each person should pay for the bill.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **3. Tip Calculator**.
2. Input the amount in the **Total Bill** field and press the Directional Key down.
3. Select the percentage of tip in the **Tip (%)** field by pressing the Directional Key up or down. The amount of a tip will be displayed in the **Tip ($)** field. Press the Directional Key right.
4. Input the number of persons by pressing the Directional Key up or down. The tip amount and cost per person is shown.
5. Press the Left Soft Key [**Reset**] to clear the fields. Press the Right Soft Key [**Close**] to return to the previous menu.

Total bill, Tip(%) and Split, where directly are entered the values by the number keys each field.

CALENDAR

The Calendar tool provides easy and convenient access to your schedule. Simply store your appointments and your phone will alert you.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**,
   3. Tools, **4. Calendar**.
2. Highlight the scheduled day.
3. Press the Left Soft Key [**New**].
4. The Subject field is highlighted. Enter the name of the event using the QWERTY Keypad. Press the Directional Key down to set the other fields for the event:
   - **Subject**: Entera subject of the schedule.

- **Start Time**: Press the Right Soft Key [**Set**] and set a start time.
- **End Time**: Press the Right Soft Key [**Set**] and set a end time.
- **Start Date**: Press the Right Soft Key [**Set**] and set a start date.
- **End Date**: Press the Right Soft Key [**Set**] and set a end date.
- **Recurrence**: Press the Right Soft Key [**Set**] and select the recurrence of the event from the following:
  None / **Daily** / **Every X Days** / **Weekly** / **Monthly** / **Yearly**
- **Alert Time**: Press the Right Soft Key [**Set**] and select the alert time before the event takes place from the following:
  On time / **5 minutes before** / **10 minutes before** / **15 minutes before** / **30 minutes before** / **1 hour before** / **3 hours before** / **5 hours before** / **1 Day Before**
- **Reminder**: Press the Right Soft Key [**Set**] and select a reminder before the event from the following:
  Off / **Once** / **Every 2 minutes** / **Every 15 minutes**
- **Alert Zone**: Press the Right Soft Key [**Set**] to select a new ringtone. Highlight a desired ringtone then press the OK Key . Press the Left Soft Key [**Play**] to play a ringtone.
- **Vibrate**: Press the Right Soft Key [**Set**] and select **On** or **Off**.
- **Event type**: Press the Right Soft Key [**Set**] and select a event type from the following:
  Event / **Important** / **Meal** / **Game/Practice/Exercise** / **Vacation** / **Holiday** / **Birthday** / **Anniversary** / **Business** / **Social** / **Medical** / **Dental** / **School** / **Concert/Performance** / **Play Date** / **Picnic** / **Outing** / **Personal** / **Phone Call** / **Must Attend** / **Travel Required** / **Needs Preparation** / **Woman** / **Man** / **Girl** / **Boy** / **Family**
- **Attachment**: Press the Left Soft Key [**Add**] and select **My Picture** or **My Video** to attach.
- **Location**: Enter the information of location.
- **Note**: Enter memo of the schedule.

5. Press the OK Key [**SAVE**] to save it. The date of the event will be marked on your calendar.

VIEW SAVED EVENT

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **4. Calendar**.
2. Choose the event then press the OK Key [**VIEW**]

ERASE SAVED EVENT

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **4. Calendar**.
2. Choose the event then press the OK Key [**VIEW**].
3. Press the Left Soft Key [**Erase**], select **Yes**, then press the OK Key .

ERASE ALL PAST EVENTS

Allows you to delete past events from today.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **4. Calendar**.
2. Choose the event then press the OK Key [**VIEW**].
3. Press the Right Soft Key [**Options**], select **Erase All Old** and press the OK Key .
4. Select **Yes**, then press the OK Key .

E-DIARY

E-Diary is a simple diary application designed to be easy to understand and convenient for everyday use.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **5. E-Diary**.
2. Press the Left Soft Key [**New**].
3. In the **Weather & Feeling field**, press the Left Soft Key [**Set**], then select an icon and press the OK Key .
4. Press the Directional Key down to set the other fields for the E-diary:

TITLE

Enter the title of the diary.

PICTURE

Press the Left Soft Key [**Set**] to select an image stored in My Pictures and press the OK Key OK. Please refer to **page 114** for more details on **MY PICTURES**.

TEXT

Enter the message for the diary.

BACKGROUND

Press the Directional Key ◎ left or right to select one of the following backgrounds:

Blackboard / **Essay** / **Sky** / **Letter**

5. In each field, press the Right Soft Key [**Options**] then press **1. Preview** to preview the setting you selected or **2. Cancel E-Diary** to discard your new E-diary.
6. Press the OK Key OK [**SAVE**] to save your E-diary.

SEND AN E-DIARY

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **5. E-Diary**.
2. Press the Directional Key ◎ up or down to highlight an entry, then press the Right Soft Key [**Options**].
3. Select **Send** and press the OK Key OK, then compose a Picture Message and press the OK Key OK [**SEND**]. Please refer to **page 121** for more details on **Picture Message**.

EDIT AN E-DIARY

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **5. E-Diary**.
2. Highlight an **E-diary**, then press the Right Soft Key [**Options**].
3. Select **Edit** and press the OK Key OK then modify the E-diary.
4. Press the OK Key OK [**SAVE**] to save your modifications.

ERASE E-DIARY

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **5. E-Diary**.
2. Highlight an **E-diary**, then press the Right Soft Key [**Options**].
3. Select **Erase** to erase an E-diary or **Erase all** to erase all the E-diary entries, then press the OK Key OK.
4. Select **Yes** and press the OK Key OK.

ALARM CLOCK

The Alarm Clock tool allows you to set up to three alarms. When you set an alarm, the current time is displayed on the top of the home screen. When the alarm goes off alarm will be displayed on the LCD screen and the alarm will sound.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**,
3. Tools, **6. Alarm Clock**.

Shortcut: From idle mode, press the Directional Key ◎ right to access MY SHORTCUTS and then press 4. Alarm Clock.

2. Highlight an **Alarm** (1, 2 or 3), then press the OK Key OK.
3. Press the Directional Key ◎ down to set the fields for the alarm:

ON/OFF

Press the Directional Key ◎ left or right to select **On** or **Off**.

TIME

Use the keypad to set a time for the alarm and highlight **am** or **pm**, then press the Left Soft Key to set am or pm.

FREQUENCY

Press the Directional Key left or right to select a setting from the following:
Once / **Daily** / **Weekdays** / **Weekends**

RINGTONE

Press the Left Soft Key [**Set**] then select the alert tone you wish to set. Press the Left Soft Key [**Play**] to play a ringtone. Press the OK Key [**SET**] to make your selection.

4. Press the OK Key [**SAVE**] to set the alarm.

TURN ON/OFF THE ALARM SETTING

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **6. Alarm Clock**.
2. Highlight an **Alarm** (1, 2 or 3), then press the Right Soft Key [**Options**].
3. Select **Turn On** or **Turn Off** then press the OK Key .

RESET THE ALARM SETTING

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **6. Alarm Clock**.
2. Highlight an **Alarm** (1, 2 or 3), then press the Right Soft Key [**Options**].
3. Select **Reset Alarm**, then press the OK Key .
4. "**RESET ALARM (1, 2 or 3)?**" will appear on the screen. Select **Yes** and press the OK Key .

RESET ALL ALARM SETTINGS

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **6. Alarm Clock**.
2. Highlight an **Alarm** (1, 2 or 3), then press the Right Soft Key [**Options**].
3. Select **Reset All**, then press the OK Key .
4. "**RESET ALL ALARMS?**" will appear on the screen. Select **Yes** and press the OK Key .

TURN ON/OFF THE ALARM SETTING, RESET THE ALARM SETTING and RESET ALL ALARM SETTINGS are available on the set alarms.

STOP WATCH

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

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **7. Stop Watch**.
2. To start the stop watch, press the OK Key [**Start**].
3. To pause it, press the OK Key [**Stop**].
4. To resume it, press the OK Key [**Start**].
5. To reset it, press the Right Soft Key [**Reset**].

TO TIME UP TO EIGHT EVENTS AT ONCE

1. To start the stop watch, press the OK Key [**Start**].
2. To stop a time period and continue measuring another one, press the Left Soft Key [**Lap**].
3. To stop the second and continue measuring a third one, press the Left Soft Key [**Lap**].
4. To measure up to eight time periods, repeat the above steps.
5. To stop the stop watch, press the OK Key [**Stop**].
6. To reset it, press the Right Soft Key [**Reset**], then press the CLR Key to finish using the stop watch and return to the previous menu.

WORLD CLOCK

To display the time and date in pre-programmed cities:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **8. World Clock**.

2. Press the Direction Key ◎ left or right to select the desired city on the world map.
3. Or press the Left Soft Key [**Cities**] to access the **CITIES LIST**. Press the Direction Key ◎ up or down to select the desired city, then press the OK Key OK .
4. The world map appears with the city, its date and time.
5. Press the Right Soft Key [**Exit**] to return to the previous menu.

DAYLIGHT SAVING TIME (DST) SETTING

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **8. World Clock**.
2. With the desired continent selected, press the OK Key OK .
3. Press the Right Soft Key [**DST**] to set Daylight Saving Time, the DST icon appears.
4. To turn off DST, press the Right Soft Key [**DST**] again.

The DST option will adjust clocks forward one hour.

5. Press the OK Key OK , then press the Right Soft Key [**Exit**] to return to the previous menu.

NOTEPAD +

Your phone includes an internal notepad that can be used to compose and store reminders and notes. To create a note:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **9. Notepad +**.

Shortcut: Slide the phone up and press the Notepad + Key Space.

2. Press the Left Soft Key [**New**] to enter a new note.
3. To create a note with a picture, video or sound, press the Right Soft Key [**Options**], press **1. Add**, select **1. Picture** or **2. Sound**, then press the OK Key OK . Select your desired picture, video or sound and press the OK Key OK .
4. To save the note, press the Right Soft Key [**Options**], then press **2. Save**.

VIEW SAVED MEMO

To view a saved memo:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **9. Notepad +**.
2. Select a note, then press the OK Key OK [**VIEW**].

SEND SAVED MEMO

To send a saved memo:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **9. Notepad +**.
2. Select a note, press the Right Soft Key [**Options**], then press **2. Send**.
3. Select **TXT Message**, **Picture Message**, **Video Message** or **Voice Message**, then press the OK Key OK .

If a note has a picture, video or voice attachment, the corresponding message window will be opened automatically.

4. Compose the message, then press the OK Key OK [**SEND**].

ERASE SAVED MEMO

To erase a saved memo:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **9. Notepad +**.
2. Select a note, press the Right Soft Key [**Options**] then select **3. Erase** and press the OK Key OK .
3. Select **Yes** and press the OK Key OK .

ERASE ALL SAVED MEMOS

To erase all saved memos:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **9. Notepad +**.
2. Press the Right Soft Key [**Options**], then select **4. Erase All** and press the OK Key (OK).
3. Select **Yes** and press the OK Key (OK).

USB MASS STORAGE

USB Mass Storage allows you to transfer files to or from your PC. In order to use this option, you must insert a microSD memory card (sold separately) and connect your device to a PC with the USB cable.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **3. Tools**, **10. USB Mass Storage**.

MY VERIZON

To access your Verizon account information:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **1. My Verizon**.

Shortcut: From idle mode, press the OK Key (OK) to unlock the keypad, then press the Directional Key ◎ right and press 1. My Verizon.

MASTER VOLUME

1. From idle mode, press the OK Key (OK) to unlock the keypad, then press the Volume Keys ▴/▾ up or down.
2. Select one of the following options and press the OK Key (OK) [**SET**] to save it.
   - **All Sounds Off**
   - **Alarm Only**
   - **Vibrate Only**
   - **Low / Medium Low / Medium / Medium High / High**

- Press the Volume Keys ▴/▾ up or down to adjust Earpiece volume during a call.

BLUETOOTH

Bluetooth® technology connectivity enables wireless connections between electronic devices. If connected with a Bluetooth handsfree device, you can use your phone more freely. Since devices with Bluetooth connectivity communicate using radio waves, your phone and the other device do not need to be in direct line-of-sight. The two devices only need to be within 10 meters (30 feet) of each other. The connection can be subject to interference from obstructions such as walls or other electronic devices. This device is compliant with Bluetooth specification 3.0, supporting the following profiles: Headset, Handsfree, Stereo, Phonebook Access, Object Push for vCard and Get Files. To ensure interoperability between other devices supporting Bluetooth technology, use approved enhancements for this model. Check with the manufacturers of other devices to determine their compatibility with this phone. There may be restrictions on using Bluetooth technology in some locations. Check with your local authorities or Verizon Wireless. If you want more information on this function, visit the Bluetooth Technology organization Web site: https://www.bluetooth.org/.

Important: Features using Bluetooth technology, or allowing such features to run in the background while using other features, increase the demand on battery power and reduce battery life.

BLUETOOTH ON/OFF

To toggle Bluetooth power On/Off:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Press the Left Soft Key [**Turn On/Turn Off**]. A confirmation window appears.

ADD NEW DEVICE

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

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings &**

Tools, **4. Bluetooth**, **1. Add New Device**.

2. If the Bluetooth® power is switched off, the following message will appear on the LCD screen "**BLUETOOTH POWER ON**".
3. The handset will prompt you with the following message on the LCD screen: "**PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE.**" Press the OK Key OK.
4. The device will appear in the **ADD NEW DEVICE** menu. Select the device you wish to pair to, then press the OK Key OK [**PAIR**].
5. The handset may prompt you for the passkey. Consult the Bluetooth accessory (sold separately) instructions for the appropriate passkey (typically "0000"—4 zeroes). Enter the passkey, then press the OK Key OK.

You do not need to input the passkey for pairing when the passkey of the Bluetooth headset or hands-free kit is 0000.

6. The handset will prompt you with the following message on the LCD screen: **Before Connecting To [Device Name]**. If you would like to always confirm before connecting to the Bluetooth device, select **Always Ask**, then press the OK Key OK. Then the handset will prompt you with the message "**Connect To [Device Name]?**". Select **Yes** and press the OK Key OK. If you do not wish to confirm every time before connecting to the Bluetooth device, select Always Connect, then press the OK Key OK.
7. Once connected, you will see the device listed in the Bluetooth menu and the Bluetooth device connected icon will appear at the top of the screen when connected to the Bluetooth device.

- In the Bluetooth menu, you can turn off the device by pressing the Left Soft Key [**Turn Off**]. Conversely, you can turn on by pressing the Left Soft Key [**Turn On**].
- If multiple devices are displayed, select the device you want to connect to.

OPTIONS

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Select the paired device.
3. Press the Right Soft Key [**Options**].
4. Select one of the following options, then press the OK Key OK.
   - **Remove Device**: Removes a device from the pairing list.
   - **Rename Device**: Renames a paired device.
   - **Incoming Security**: Sets permissions for connecting an incoming device.
   - **Service Discovery**: Searches for the services that the selected device supports.
   - **Device Info**: Displays device information.
5. Or, press the OK Key OK to access **1. Send Name Card**, **2. Get Name Card**, **3. Send Picture**, **4. Send Video** or **5. Browse/Get Files**. Select the desired option and press the OK Key OK to access the following:
   - **Disconnect**: Disconnects the connected device.
   - **Send Name Card**: Allows you to send name cards stored in Contacts to a selected device.
     1. Press the Directional Key ◎ up or down to highlight a desired contact or contacts, then press the OK Key OK [**MARK**]. If you want to change your selections, press the OK Key OK [**UNMARK**] to deselect your selections.
     2. Press the Left Soft Key [**Done**]. If you want to send all the name cards, press the Right Soft Key [**Send All**].
   - **Get Name Card**: Get name cards from the selected device.
   - **Send Picture**: Allows you to send photos to a selected device.
     1. Press the Directional Key ◎ up, down, left or right to highlight a desired photo or photos, then press the OK Key OK [**MARK**]. If you want to change your selections, press the OK Key OK [**UNMARK**] to deselect your selections.
     2. Press the Left Soft Key [**Done**]. If you want to send all the photos, press the Right Soft Key [**Send All**].
   - **Send Video**: Allows you to send videos to a selected device.
     1. Press the Directional Key ◎ up, down, left or right to highlight a desired video or videos, then press the OK Key OK [**MARK**]. If you want to change your selections, press the OK Key OK [**UNMARK**] to deselect your selections.
     2. Press the Left Soft Key [**Done**]. If you want to send all the videos, press the Right Soft Key [**Send All**].
   - **Browse/Get Files**: Allows you to get files from the selected device.

SETTINGS

MY PHONE NAME

To edit the Bluetooth® name of your phone:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Press the Right Soft Key [**Options**].
3. Press **1. My Phone Name**.
4. Use the QWERTY Keypad to enter a new custom name.
5. Press the OK Key [**SET**] to save and exit.

DISCOVERY MODE

To set whether your device is able to be searched for by other Bluetooth devices in the area:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Press the Right Soft Key [**Options**].
3. Press **2. Discovery Mode**.

If Bluetooth power is not on, it will be turned on automatically.

4. Select **On** or **Off**, then press the OK Key [**SET**].

SUPPORTED PROFILES

To view brief descriptions of the profiles supported by the phone:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Press the Right Soft Key [**Options**].
3. Press **3. Supported Profiles**.
4. Select one of the following profiles, then press the OK Key [**VIEW**].
   Headset / **Handsfree** / **Stereo** / **Phonebook Access** / **Basic Imaging** / **Basic Printing** / **Object Push** / **Browse/Get Files** / **Sync**

AUTO PAIR HANDSFREE

To set Auto Pair Handsfree On/Off:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **4. Bluetooth**.
2. Press the Right Soft Key [**Options**].
3. Press **4. Auto Pair Handsfree**.
4. Select **On** or **Off**, then press the OK Key [**SET**].

SOUNDS SETTINGS

EASY SET UP

The Easy Set up menu allows you to set five stages for Sounds Settings with simple operation.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **1. Easy Set up**.
   - **CALL SOUNDS**: Select **Ring Only**, **Vibrate Only**, **Ring and Vibrate** or **Be Silent** then press the OK Key [**SET**] to save the setting or press the Right Soft Key [**Skip**] to go to the next setting.
   - **KEYPAD VOLUME**: Adjust the volume by pressing the Directional Key up or down, then press the OK Key [**SET**] to save the setting. Press the Left Soft Key [**Play**] to test the volume level or press the Right Soft Key [**Skip**] to go to the next setting.
   - **TEXT MESSAGE ALERT**: Select **Ring Only**, **Vibrate Only**, **Ring and Vibrate** or **Be Silent** then press the OK Key [**SET**] to save the setting or press the Right Soft Key [**Skip**] to go to the next setting.
   - **MULTIMEDIA MSG ALERT**: Select **Ring Only**, **Vibrate Only**, **Ring and Vibrate** or **Be Silent** then press the OK Key [**SET**] to save the setting or press the Right Soft Key [**Skip**] to go to the next setting.
   - **VOICEMAIL MSG ALERT**: Select **Ring Only**, **Vibrate Only**, **Ring and Vibrate** or **Be Silent** then press the OK Key [**SET**] to save the setting or press the Right Soft Key [**Skip**] to complete set up.

CALL SOUNDS

To set ringtones for types of incoming calls:

CALL RINGTONE

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **2. Call Sounds**, **1. Call Ringtone**.
2. Press the Directional Key ◎ up or down to select a ringtone, then press the OK Key (OK) [**SET**]. To play the ringtone, press the Left Soft Key ⊘ [**Play**].

CALL VIBRATE

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **2. Call Sounds**, **2. Call Vibrate**.
2. Select **On** or **Off**, then press the OK Key (OK) [**SET**].

CALLER ID READOUT

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **2. Call Sounds**, **3. Caller ID Readout**.
2. Select **Ring Only**, **Caller ID + Ring** or **Name Repeat**, then press the OK Key (OK) [**SET**].

ALERT SOUNDS

To select the alert type for a new message:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **3. Alert Sounds**.
2. Select **1. TXT Message**, **2. Multimedia Message** or **3. Voicemail**, then press the OK Key (OK).
3. Select **Tone**, **Vibrate** or **Reminder**, then press the OK Key (OK).
    - **Tone**: Press the Directional Key ◎ up or down to select a ringer, then press the OK Key (OK) [**SET**]. To play the alert tone, press the Left Soft Key ⊘ [**Play**].
    - **Vibrate**: Press the Directional Key ◎ up or down to select **On** or **Off**, then press the OK Key (OK) [**SET**].
    - **Reminder**: Press the Directional Key ◎ up or down to select **Once**, **Every 2 Minutes**, **Every 15 Minute** or **Off**, then press the OK Key (OK) [**SET**].

EMERGENCY TONE

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **3. Alert Sounds**, **4. Emergency Tone**.
2. Select **Alert**, **Vibrate** or **Off**, then press the OK Key (OK) [**SET**].
3. To view the help for **Emergency Tone**, press the Left Soft Key ⊘ [**Help**].

MISSED CALL

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**,**5. Sounds Settings**, **3. Alert Sounds**, **5. Missed Call**.
2. Select **Tone**, **Vibrate** or **Reminder**, then press the OK Key (OK).
    - **Tone**: Press the Directional Key ◎ up or down to select a ringer, then press the OK Key (OK) [**SET**]. To play the alert tone, press the Left Soft Key ⊘ [**Play**].
    - **Vibrate**: Press the Directional Key ◎ up or down to select **On** or **Off**, then press the OK Key (OK) [**SET**].
    - **Reminder**: Press the Directional key ◎ up or down to select **Once**, **Every 2 Minutes**, **Every 15 Minute** or **Off**, then press the OK Key (OK) [**SET**].

KEYPAD SOUNDS

To select keypad sounds when using the QWERTY Keypad.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **4. Keypad Sounds**.
2. Select **DTMF**, **Cloud** or **Simple**, then press the OK Key (OK) [**SET**].

DTMF is the default setting for this device.

KEYPAD VOLUME

To set the keypad volume:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **5. Sounds Settings**, **5. Keypad Volume**.

2. Adjust the volume by pressing the Directional Key ◎ up or down, then press the OK Key OK [SET] to save the setting. To test the volume level, press the Left Soft Key [**Play**].

DIGIT DIAL READOUT

The Digit Dial Readout setting controls if digits are read out loud when you enter a phone number with the QWERTY Keypad.

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **5. Sounds Settings**, **6. Digit Dial Readout**.
2. Select **On** or **Off**, then press the OK Key OK [SET].

SERVICE ALERTS

To set any of the three Alert options to either On or Off:

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **5. Sounds Settings**, **7. Service Alerts**.
2. Select one of the following options, then press the OK Key OK .
   - **ERI**: The Enhanced Roaming Indicator (ERI) feature displays a text banner on the display screen informing the handset user of which systems the wireless device is using as compared to the service plan they purchased. The ERI Banner text changes to tell a customer if they are using the Verizon Wireless Network, Extended Network or Roaming.
   - **Minute Beep**: Alerts you every minute during a call.
   - **Call Connect**: Alerts you when the call is connected.
   - **Software Update**: Alerts you when a software update is available.
3. Select **On** or **Off**, then press the OK Key OK [SET].

DEVICE CONNECT

Allows you to turn the Device Connect On or Off:

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **5. Sounds Settings**, **8. Device Connect**.
2. Select **On** or **Off**, then press the OK Key OK [SET].

POWER ON/OFF

To set the phone to sound a tone when the phone is powered on or off:

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **5. Sounds Settings**, **9. Power On/Off**.
2. Press **1. Power On** or **2. Power Off**.
3. Select **On** or **Off**, then press the OK Key OK [SET].

OPEN/CLOSE SOUND

To set the phone to sound a tone when the slider is open or closed:

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **5. Sounds Settings**, **10. Open/Close Sounds**.
2. Select **Music**, **Simple**, **Beep** or **Off**, then press the OK Key OK [SET].

DISPLAY SETTINGS

Allows you to customize the display.

EASY SET UP

Easy Set up menu allows you to set nine stages for Display Settings with simple operation.

1. Slide the phone up, press the OK Key OK [MENU], then press **9. Settings & Tools**, **6. Display Settings**, **1. Easy Set up**.
   - **PERSONAL BANNER**: Enter the banner text (up to 16 characters) to be displayed on the main screen, then press the OK Key OK [SET] or press the Right Soft Key [**Skip**] to go to the next setting.
   - **DISPLAY BACKLIGHT**: Select **7 Seconds**, **15 Seconds**, **30 Seconds** or **Always On**, then press the OK Key OK [SET] or press the Right Soft Key [**Skip**] to go to the next setting.
   - **KEYPAD BACKLIGHT**: Select **7 Seconds**, **15 Seconds**, **30 Seconds** or **Always On**, then press the OK Key OK [SET] or press the Right Soft Key [**Skip**] to go to the next setting.
   - **WALLPAPER**: Select a desired screen, then press the OK Key OK [SET]. Press the Left Soft

Key [**View**] to view the image, or press the Right Soft Key [**Skip**] to go to the next setting.

- **DISPLAY THEMES**: Select **White**, **Knight** or **Green Nomad**, then press the OK Key [**SET**]. Press the Left Soft Key [**Preview**] to preview the selected display theme, or press the Right Soft Key [**Skip**] to go to the next setting.
- **MENU LAYOUT**: Select **Tab**, **List** or **Grid**, then press the OK Key [**SET**]. Press the Left Soft Key [**Preview**] to preview the selected main menu layout, or press the Right Soft Key [**Skip**] to go to the next setting.
- **FONT TYPE**: Select **VZW Font**, **Sleek Modern Font** or **Dandy Round Font**, then press OK Key [**SET**]. Press the Left Soft Key [**Preview**] to preview the selected font type, or press the Right Soft Key [**Skip**] to go to the next setting.
- **DIAL FONT**: Select **Normal** or **Large Only**, then press OK Key [**SET**]. Press the Left Soft Key [**Preview**] to preview the selected dial fonts, or press the Right Soft Key [**Skip**] to go to the next setting.
- **CLOCK FORMAT**: Select **Analog**, **Large Analog**, **Dual Analog**, **Digital 12**, **Large Digital 12**, **Digital 24**, **Large Digital 24** , **Dual Digital** then press the OK Key [**SET**]. Press the Left Soft Key [**Preview**] to preview the selected clock format, or press the Right Soft Key [**Skip**] to complete set up.

This guide gives navigation instructions according to the defaults, Menu Layout is set to List, and Display Themes is set to Oceanic Delight. If other settings are set, navigating the phone's menus may be different.

BANNER

To set your Personal or ERI banner:

PERSONAL BANNER

The Personal Banner can be up to 16 characters and is displayed on your phone's display screen from idle mode.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **2. Banner**, **1. Personal Banner**.
2. Enter the banner text (up to 16 characters) and press the Directional Key down to select a desired font color.
3. Press the Directional Key left or right to select the desired font color and press the OK Key [**SET**] to save the banner.

ERI BANNER

If you use ERI Service, ERI Text is shown on the sub banner.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **2. Banner**, **2. ERI Banner**.
2. Select **On** or **Off**, then press the OK Key [**SET**].

BACKLIGHT

To set the duration for backlight illumination of the Main Screen and Keypad:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **3. Backlight**.
2. Press **1. Display** or **2. Keypad**.
3. Select **7 Seconds**, **15 Seconds** or **30 Seconds** then press the OK Key [**SET**].

WALLPAPER

To choose the kind of background to be displayed on the phone:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **4. Wallpaper**.
2. Select a desired screen, then press the OK Key [**SET**]. To view the image, press the Left Soft Key [**View**].

DISPLAY THEMES

To choose the background screen:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **5. Display Themes**.
2. Select **White**, **Knight** or **Green Nomad**, then press the OK Key [**SET**]. To preview the selected display theme, press the Left Soft Key [**Preview**].
3. To view the help option for **Display Theme**, press the Right Soft Key [**Help**].

White is the default setting for this device.

MAIN MENU SETTINGS

To change Main Menu layout and type:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **6. Main Menu Settings**.
   - **Menu Layout**: Allows you to change Main Menu type.
     1. Select **Tab**, **List** or **Grid**, then press the OK Key OK [**SET**].
     2. To preview the selected main menu layout, press the Left Soft Key [**Preview**].

list is the default setting for this device.

   - **Replace Menu Items**: Set Menu Items in Main Menu.
   - **Position Menu Items**: Set Items Positions in Main Menu.
   - **Reset Menu Settings**: Reset Menu Settings to the initial Menu Settings.
     1. Menu Layout: Reset Menu Layout to the initial Menu Layout.
     2. Menu Items: Reset Menu Items to the initial Menu Items.
     3. Item Positions: Reset Item Positions to the initial Item Positions.
     4. All: Reset Main Menu Settings to the initial Main Menu Settings.

FONT TYPE

To set the font type:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **7. Font Type**.
2. Select **VZW Font**, **Sleek Modern Font** or **Dandy Round Font**, then press the OK Key OK [**SET**]. To preview the selected font type, press the Left Soft Key [**Preview**].

DIAL FONTS

To set the font size and effects:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **8. Dial Fonts**.
2. Press the Directional Key ◎ left or right to select **Normal** or **Large Only** for **Dial Font Size**, then press the Directional Key ◎ down.
3. Press the Left Soft Key [**Preview**] to preview the selected dial fonts.

MENU FONT SIZE

To set the menu font size:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **9. Menu Font Size**.
2. Select **Normal** or **Large**, then press the OK Key OK [**SET**].

CLOCK FORMAT

To choose the kind of clock to be displayed on the LCD screen:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **6. Display Settings**, **10. Clock Format**.
2. Press the Directional Key ◎ left or right to select **Analog**, **Large Analog**, **Dual Analog**, **Digital 12**, **Large Digital 12**, **Digital 24**, **Large Digital 24** , **Dual Digital** or **Off**, then press the Directional Key ◎ down.
3. Press the Directional Key ◎ left or right to select the font color and then press the OK Key OK [**SET**].
4. Press the Left Soft Key [**Preview**] to preview the selected clock format, or press the Right Soft Key [**Help**] to view the help for **Clock Format**.

Large Digital 12 is the default setting for this device.

PHONE SETTINGS

AIRPLANE MODE

In Airplane Mode, all menu functions can be accessed except making calls, receiving calls, data connection and Bluetooth®. Activating Airplane Mode will disable all wireless communications. Services that support Location On functions are temporarily disabled.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **1. Airplane Mode**.
2. Select **On** or **Off**, then press the OK Key OK [**SET**].

SET SHORTCUTS

Your phone offers you the option of assigning a shortcut key (Directional Key left, right, up, and down) to a favorite or often-used function.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **2. Set Shortcuts**, **1. Set My Shortcuts**.
2. Select **Shortcut 1**, **Shortcut 2**, **Shortcut 3** or **Shortcut 4**, then press the OK Key [**SET**].
3. Select the desired option, then press the OK Key [**SET**].

From idle mode, pressing the OK Key to unlock the keypad and pressing the Directional Key right will display the MY SHORTCUTS screen. On the MY SHORTCUTS screen, select a menu, then press the OK Key to access the menu. Also, you can relocate a menu by pressing the Right Soft Key [Move], pressing the Directional Key up or down, and then pressing the OK Key [SAVE]. Or you can press the Left Soft Key [Settings] to access the Set My Shortcuts or Set Directional Keys menus.

RESET MY SHORTCUTS

To reset My Shortcuts to their original defaults:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **2. Set Shortcuts**, **1. Set My Shortcuts**.
2. Select **Shortcut 1**, **Shortcut 2**, **Shortcut 3** or **Shortcut 4**, then press the Right Soft Key [**Options**].
3. Press **1. Reset Shortcut** (**1, 2, 3** or **4**) or **2. Reset My Shortcuts**.
4. Select **Yes** and press the OK Key .

SET DIRECTIONAL KEYS

From idle mode, you can specify the function that is accessed when you press the Directional Key up, down, left or right.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **2. Set Shortcuts**, **2. Set Directional Keys**.
2. Select **UP Directional Key**, **LEFT Directional Key** or **DOWN Directional Key**.
3. Select the desired option, then press the OK Key [**SET**].

RESET DIRECTIONAL KEY SETTINGS

Use the following procedure to specify the default Directional Key settings.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **2. Set Shortcuts**, **2. Set Directional Keys**.
2. Select **UP Directional Key**, **LEFT Directional Key** or **DOWN Directional Key**, LEFT Directional Key, DOWN Directional Key or RIGHT Directional Key, then press the Right Soft Key [**Options**].
3. Press **1. Reset** (**UP, LEFT** or **DOWN**) Key or **2. Reset Directional Keys**.

The RIGHT Directional Key appears in the list, but you can only press the Left Soft Key [Disable] or press the Right Soft Key [Options] and press 1. Reset Directional Keys.

4. Select **Yes** and press the OK Key .

VOICE COMMANDS SETTINGS

CONFIRM CHOICES

When the phone does not recognize your voice command, it will ask you to repeat your voice command. If it does not recognize the name or number, it will display a list of up to three choices and speak each one in turn. You can control how often the phone asks you to confirm the recognized name or number.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **3.Voice Commands Settings**.

To view information about each option, press the Left Soft Key [Info].

2. Press the Right Soft Key [**Settings**] and then press **1. Confirm Choices**.

Shortcut: From idle mode, press AVC Key to access the Voice Commands menu and press the Right Soft Key [Settings].

3. Select **Automatic**, **Always Confirm** or **Never Confirm**, then press the OK Key .

SENSITIVITY

The Sensitivity setting allows you to adjust the sensitivity monitoring of voice tones. If you frequently experience the messages "Please try again" or "COMMAND NOT RECOGNIZED Try again?", adjust the sensitivity toward Less Sensitive. If you frequently experience false activations (when the phone recognizes a name you didn't say), adjust the sensitivity toward More Sensitive.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **3.Voice Commands Settings**.
2. Press the Right Soft Key [**Settings**] and then press **2. Sensitivity**.
3. Select **More Sensitive**, **Automatic** or **Less Sensitive**, then press the OK Key OK .

ADAPT VOICE

Voice Commands are speaker independent, which means that no training or adaptation is required. Some users with heavy accents or unusual voice characteristics may find difficulty in achieving high accuracy with speaker independent Voice Commands, so the Adapt Voice feature allows users to dramatically improve the recognition accuracy after adapting their voices. Users who get acceptable recognition accuracy will find no additional benefit to performing the Adapt Voice feature.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **3.Voice Commands Settings**.
2. Press the Right Soft Key [**Settings**] and then press **3. Adapt Voice**.
3. Select **1. Train Voice** then press the OK Key OK .
   - **Train Voice**: Requires that you make recordings of your voice to customize the voice recognition system. It will take a few minutes.
4. "**Adaptation will take a couple of minutes to complete. Adapt in a quiet room. Press OK to begin.**" will appear on the screen. Press the OK Key OK . Wait for the beep, and then repeat the sentences using a normal tone of voice.
5. When you are finished with a full session, you will reach a screen that reads "**Adaptation Complete**".

PROMPTS

Allows you to select voice command system characteristics.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **3.Voice Commands Settings**.
2. Press the Right Soft Key [**Settings**] and then press **4. Prompts**.
3. Select **1. Mode**, **2. Audio playback** or **3. Timeout**, then press the OK Key OK .
   - **Mode**: Select the voice command system mode from the following:
     - Prompts: For handset to prompt for required information.
     - Readout+Alerts: For handset to prompt for required information and readout the contents of the screen and phone alerts.
     - Readout: For handset to prompt for required information and readout the contents of the screen.
     - Tones Only: For handset to provide beeps only for audio guidance.
   - **Audio playback**: Allows audio playback to play through the speakerphone or earpiece. Select **Speakerphone** or **Earpiece**.
   - **Timeout**: Select a period of time either **5 seconds** or **10 seconds** which the system listens for a command before timing out.
4. Select an option and press the OK Key OK .

ABOUT

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **3.Voice Commands Settings**.
2. Press the Right Soft Key [**Settings**] and then press **5. About**.
3. The Nuance version appears.
4. To return to the previous screen, press the CLR Key CLR or Right Soft Key [**Back**].

LANGUAGE

To set the bilingual feature to either English or Español:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **4. Language**.
2. Select either **English** or **Español**, then press the OK Key [**SET**].

TIME & DATE

SETTING THE TIME & DATE

1. Slide the phone up, press the OK KEY [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **5. Time & Date**.
2. Press the Directional Key up, down or right and input **Date**, **TIME**, **DST** and **CURRENT TIME ZONE**.
3. Press the OK Key [**SAVE**] to save and exit.

LOCATION

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **6. Location**.
2. Select one of the following settings, then press the OK Key [**SET**].
   - **On**: Your location is now available to the network.
   - **E911 Only**: Your location will be hidden from the network and applications, except for 911.

When Lock Setting is set for Location Setting under Restrictions on the Security menu, you will need to enter a lock code. The default lock code is the last 4 digits of your phone number.

CURRENT COUNTRY

Allows you to set the country of your current location so that your phone works properly while you travel.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **7. Current Country**.
2. Press the Directional Key up or down or input the country name in the **Go To** field to select the desired country, then press the OK Key [**SET**]. To view the help option for **Current Country**, press the Right Soft Key [**Help**].

PHONE SECURITY

The Security menu allows you to electronically secure the phone.

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

EDIT CODES

To set a new lock code:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **8. Phone Security**.
2. Enter the four-digit lock code.
3. Press **1. Edit Codes**.
4. Select one of the following settings, then press the OK Key.
   - **Phone Only**: Allows you to edit the lock code for Security. (The default lock code is the last 4 digits of your phone number.)
   - **Calls & Services**: Allows you to edit the lock code for Restrictions. (The default lock code is the last 4 digits of your phone number.)
5. If **Phone Only** is selected, enter the new four-digit code in the **Enter New Code** field. Enter the new four-digit code again in the **Re-enter New Code** field to confirm your input, then press the OK Key [**SET**].
6. If **Calls & Services** is selected, enter the current lock code in the **Enter Current Code** field. Enter the new four-digit code in the **Enter New Code** field. Enter the new four-digit code again in the **Re-enter New Code** field, then press the OK Key [**SET**].

RESTRICTIONS

Use the following procedure to configure Location Setting, Calls and Messages restrictions.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **8. Phone Security**.

01
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2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **2. Restrictions**.
4. Enter the four-digit lock code again.
5. Select one of the following settings:
    - **Location Setting**: Unlock Setting/Lock Setting.
    - **Calls**: Incoming Calls/Outgoing Calls.
      For Incoming Calls, set **Allow All**, **Contacts Only** or **Block All**.
      For Outgoing Calls, set **Allow All**, **Contacts Only** or **Block All**.
    - **Messages**: Incoming Messages/Outgoing Messages.
      For Incoming Messages, set **Allow All** or **Block All**.
      For Outgoing Messages, set **Allow All** or **Block All**.
6. Press the OK Key OK [**SET**].

In emergency mode, the settings of Restrictions dose not apply.

PHONE LOCK SETTING

This setting specifies whether the phone should be locked whenever it is turned on. Lock Mode prevents the unauthorized use of your phone. Once the phone is locked, it is in restricted mode until the lock code is entered. You can still make emergency calls.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **8. Phone Security**.
2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **3. Phone Lock Setting**.
4. Select one of the following settings, then press the OK Key OK [**SET**].
    - **Unlocked**: Phone is unlocked.
    - **On Power Up**: Phone will lock when it is turned on.

LOCK PHONE NOW

Lock the phone now.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **8. Phone Security**.
2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **4. Lock Phone Now**.
4. To unlock the phone from idle mode, slide the phone up, then press the Right Soft Key [**Unlock**] and enter the four-digit lock code.

RESTORE PHONE

To delete all User Data and restore all settings to their initial defaults:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **8. Phone Security**.
2. Enter the four-digit lock code.
3. Press **5. Restore Phone**.
4. A confirmation message appears in the display, select **Yes**, and then press the OK Key OK .
5. After reading the message that appears, press the OK Key OK .
6. Enter the four-digit lock code. The phone will turn off and then back on again automatically.

SIM SECURITY

The Security menu allows you to electronically secure the SIM.

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

PIN CODE

To lock PIN code:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **9. Settings &**

Tools, **7. Phone Settings**, **9. SIM Security**.

2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **1. PIN Code**, **1. PIN**.
4. Select one of the following settings, then press the OK Key (OK) [**SET**].
   - **Unlocked**: Unlock PIN code.
   - **Locked**: If entered PIN code id correct, PIN is locked.

To edit PIN code:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **9. SIM Security**.
2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **1. PIN Code**, **2. Edit PIN Code**.
4. Enter New PIN code, then press the OK Key (OK) [**SET**].

SIM LOCK

Lock the SIM.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **9. SIM Security**.
2. Enter the four-digit lock code. The default lock code is the last 4 digits of your phone number.
3. Press **2. SIM Lock**.
4. Select one of the following settings, then press the OK Key (OK) [**SET**].
   - **Unlocked**: If entered SIM code id correct, SIM is unlocked.
   - **Locked**: Lock SIM code.

SYSTEM SELECT

You can set your phone to search or roam on another network when you are not in your home area. Leave this setting as default unless you want to alter the system selection as instructed by your service provider.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **10. System Select**.
2. Select **1. Network Mode** , **2. CDMA Settings** or **3. GSM Settings**, then press the OK Key (OK) .
   - **Network Mode**: For network mode, set CDMA Mode, GSM Mode or Global Mode.
   - **CDMA Settings**: For CDMA, set Automatic B, Automatic A or Home Only.
   - **GSM Settings**: Set GSM Mode.

The automatic setting can be displayed as Automatic B and Automatic A depending on PRL.

NAM SELECTION

Enables Auto NAM (Number Assignment Modules) or manually selects a NAM.

AUTO NAM

Automatically switches the phone to proper NAM when you have multiple NAM registrations.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **11. NAM Selection**.
2. Select **1. Auto NAM**, then press the OK Key (OK) .
3. Select **On** or **Off**, then press the OK Key (OK) [**SET**].

CHANGE NAM

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **7. Phone Settings**, **11. NAM Selection**.
2. Select **2. Change NAM**, then press the OK Key (OK) .
3. Select **NAM 1** or **NAM 2**, then press the OK Key (OK) [**SET**].

CALL SETTINGS

ANSWER OPTIONS

To determine how to answer an incoming call:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **1. Answer Options**.
2. Select **Slide Open**, **Any Key** or **Auto w/Handsfree** then press the OK Key (OK) [**MARK**].

Slide Open is the default setting for this device.

3. Press the Left Soft Key [**Done**].

- When the phone is closed, Auto with Handsfree mode will not function, except when a headset is connected.
- Auto with Handsfree will function after about five seconds.
- Auto with Handsfree is available only when a headset or handsfree device is connected.
- To answer all incoming calls, press the SEND Key .

AUTO RETRY

To set a period of time the phone waits before automatically redialing when an attempted call fails:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **2. Auto Retry**.
2. Select one of the following settings, then press the OK Key (OK) [**SET**].
   10 Seconds / **30 Seconds** / **60 Seconds** / **Off**

TTY MODE

You can attach a TTY device to your phone enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **3. TTY Mode**.
2. Select one of the following settings, then press the OK Key (OK) [**SET**].
   TTY Full / **TTY + Talk** / **TTY + Hear** / **TTY Off**

ONE TOUCH DIAL

To initiate a speed dial call by holding down the speed dial digit:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **4. One Touch Dial**.
2. Select **On** or **Off**, then press the OK Key (OK) [**SET**].

If One Touch Dial is disabled, a speed dial call will function by entering the speed dial number on the QWERTY Keypad, and then press the SEND Key .

VOICE PRIVACY

Voice Privacy provides advanced voice encryption to prevent eavesdropping.

To turn the voice privacy feature On or Off:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **5. Voice Privacy**.
2. Select **On** or **Off**, then press the OK Key (OK) [**SET**].

DTMF TONES

To set the Key Tone length and touch tone playback speed:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **8. Call Settings**, **6. DTMF Tones**.
2. Select one of the following settings, then press the OK Key (OK) [**SET**].
   - **Normal**: Sends out a tone for a fixed period of time even if you continue to press the key.
   - **Long**: Sends out a continuous tone for the duration the key is pressed and held.

The setting of DTMF Tones are changed to Normal in GSM.

ASSISTED DIALING

Assisted dialing allows easy dialing of international calls while roaming in another country.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings &**

Tools, **8. Call Settings**, **7. Assisted Dialing**.

2. Press the Directional Key left or right to select **On** or **Off**. To view the help for **Assisted Dialing**, press the Right Soft Key [**Help**].
3. When you set **Assisted Dialing** to **On**, press the Directional Key down and then press the Left Soft Key [**Set**] to edit **Reference Country**.
4. Select the desired Country and press the the Left Soft Key [**Details**].
   - **Country Code**: Populated based on Reference Country and MCC lookup table.
   - **IDD Prefix**: Populated based on Reference Country and MCC lookup table.
   - **NDD Prefix**: Populated based on Reference Country and MCC lookup table.
   - **Area/City Code**: Default is determined by first three digits of MDN.
   - **National Number Length**: Default is determined by MDN length.

All of the attributes shall be editable and savable. There shall be an option to restore default attributes.

5. Press the OK Key [**Save**] to set **Assisted Dialing**.

MEMORY

SAVE OPTIONS

To select whether to save to Phone Memory or to Card Memory when saving files:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **1. Save Options**.
2. Select **1. Pictures**, **2. Videos** or **3. Sounds**, then press the OK Key .
3. Select **Phone Memory** or **Card Memory**, then press the OK Key [**SET**].

PHONE MEMORY

Allows you to manage the memory usage for pictures, videos, ringtones, music, sounds and contacts on your Phone Memory.

PHONE MEMORY USAGE

To check the available Phone Memory capacity, used capacity and total capacity:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **2. Phone Memory**.
2. Press **1. Phone Memory Usage**.
3. Press the OK Key to return to the previous screen.

DELETING AND MOVING FILES

To delete files stored in Phone Memory or to move files from Phone Memory to Card Memory:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **2. Phone Memory**.
2. Press the Directional Key up or down to select **2. My Pictures**, **3. My Videos**, **4. My Ringtones**, **5. My Music**, **6. My Sounds** or **7. My Contacts** then press the OK Key .
3. Press the Right Soft Key [**Options**].
4. Select **1. Erase** to delete a file or **2. Move** to move a file to Card Memory, then press the OK Key .

If you have selected My Contacts, you can select 1. View, 2. Copy or 3. Erase after pressing the Right Soft Key [Options].

5. Select a file, press the OK Key [**MARK**] or the Right Soft Key [**Mark All**], then press the Left Soft Key [**Done**].
6. Select **Yes** and press the OK Key

MOVING ALL FILES

To move all files saved in Phone Memory to Card Memory (memory card sold separately).

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **2. Phone Memory**.
2. Select **8. Move All To Card**, then press the OK Key .
3. Select **Yes** and press the OK Key .

Do not remove the memory card from the phone while a file or files are being moved to Card Memory.

CARD MEMORY

Allows you to manage the memory usage for pictures, videos, music, sounds and contacts on your Card Memory. The memory card (sold separately) must be inserted into the phone to perform these functions.

CARD MEMORY USAGE

To check the available Card Memory capacity, used capacity and total capacity:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **3. Card Memory**.
2. Press **1. Card Memory Usage**.
3. Press the OK Key to return to the previous screen.

FORMAT CARD

To format the card inserted:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **3. Card Memory**.
2. Press **1. Card Memory Usage**, then press the Right Soft Key [**Options**].
3. Press **1. Format Card**, enter your 4-digit lock code.
4. Select **Yes** and press the OK Key.

DELETING AND MOVING FILES

To delete files stored in Card Memory or to move files from Card Memory to Phone Memory:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **3. Card Memory**.
2. Press the Directional Key up or down to select **2. My Pictures**, **3. My Videos**, **4. My Ringtones**, **5. My Music**, **6. My Sounds** or **7. My Contacts** then press the OK Key.
3. Press the Right Soft Key [**Options**].
4. Select **1. Erase** to delete a file or **2. Move** to move a file to Phone Memory, then press the OK Key.

If you have selected My Contacts, you can select 1. View, 2. Copy or 3. Erase after pressing the Right Soft Key [Options].

5. Select a file, press the OK Key [**MARK**] or the Right Soft Key [**Mark All**], then press the Left Soft Key [**Done**].
6. Select **Yes** and press the OK Key.

MOVING ALL FILES

To move all files saved in Card Memory to Phone Memory:

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **9. Memory**, **3. Card Memory**.
2. Select **8. Move All To Phone**, then press the OK Key.
3. Select **Yes** and press the OK Key.

Do not remove the memory card from the phone while a file or files are being moved to Card Memory.

USB MODE

You can use a USB data cable to transfer data between the device and a compatible PC.

Important: To activate your device for data transfer, select USB Mode before connecting the USB data cable.

1. Slide the phone up, press the OK Key [**MENU**], then press **9. Settings & Tools**, **10. USB Mode**.
2. Select **Modem Mode**, **Mass Storage** or **Ask On Plug**, then press the OK Key [**SET**].
   - **Modem Mode**: Allows you to use your phone as a modem for your computer when connecting with a USB data cable.
   - **Mass Storage**: Allows you to use your phone as a mass storage for your computer when connecting with a USB data cable.
   - **Ask On Plug**: Allows you to select USB Mode whenever the USB data cable is connected from your computer to your phone.

- Even if Ask On Plug is set for USB Mode, you may not be asked to select USB Mode while receiving/making a call, using Bluetooth®, transferring data, etc.

- To use End User Upgrade Tool, select Modem Mode for USB Mode.

PHONE INFO

MY NUMBER

To view your phone number:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **1. My Number**.
2. The following information appears:
   Mobile Device Number (MDN) / **Mobile Identification Number (MIN)** / **Other device information**

SW/HW VERSION

To view your device HW/SW information:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **2. SW/HW Version**.
2. **Software Version** / **PRL Version** / **ERI Version** / **Browser Version** / **Media Center Version** / **MSUI Version** / **HW Version** / **MEID** / **Software Update Client** are displayed.
3. Press the OK Key (OK) to return to the previous screen.

ICON GLOSSARY

To view all the icons and their meanings:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **3. Icon Glossary**.
2. Press the OK Key (OK) to return to the previous screen.

Please refer to Display Indicators on page 13 for more details about the icons.

SOFTWARE UPDATE

The Software Update option allows you to download and update the software in your phone automatically. Only the internal software is updated; Contact entries or other information saved to your phone will NOT be deleted.

STATUS

Check the latest Software Download/Update status.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **4. Software Update**.
2. Press **1. Status**.

CHECK NEW

To check Download Server for new Software updates:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **4. Software Update**.
2. Press **2. Check New**.

OPERATING SYSTEM

To view information about your phone's operating system:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **11. Phone Info**, **5. Operating System**.

SIM INFO

To view your SIM information.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**, **12. SIM Info**.

SET UP WIZARD

The Set up Wizard menu allows you to set the following menus for Settings & Tools with simple operation.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **9. Settings & Tools**.

2. Select **13. Set up Wizard**, then press the OK Key OK .

- **CALL SOUNDS**: Select **Ring Only**, **Vibrate Only**, **Ring and Vibrate** or **Be Silent**, then press the OK Key OK [**SET**] or press the Right Soft Key [**Skip**] to go to the next setting. If you select **Ring Only** or **Ring and Vibrate**, the ringtone selection screen will be displayed. Select a desired ringtone, then press the OK Key OK [**SET**].
- **DISPLAY THEMES**: Select **White**, **Knight** or **Green Nomad**, then press the OK Key OK [**SET**] or press the Right Soft Key [**Skip**] to go to the next setting. To preview the selected display theme, press the Left Soft Key [**Preview**].
- **MENU LAYOUT**: Select **Tab, List** and **Grid**, then press the OK Key OK [**SET**] or press the Right Soft Key [**Skip**] to go to the next setting. To preview the selected Main Menu Layout, press the Left Soft Key [**Preview**].
- **CLOCK FORMAT**: Select **Analog**, **Large Analog**, **Dual Analog**, **Digital 12**, **Large Digital 12**, **Digital 24**, **Large Digital 24**, **Dual Digital** or **Off**, then press the OK Key OK [**SET**] or press the Right Soft Key [**Skip**] to complete set up. To preview the selected clock format, press the Left Soft Key [**Preview**].

MEDIA CENTER 5

Your phone provides a unique feature - Media Center - that enables you to download ringtones, wallpapers, games and more from your network to your phone. Please contact your service provider for the availability of these services.

Apps
Search
Music & Tones
Picture & Video
Browser

APPS

To download tools that can help you navigate to entertainment spots, restaurants, and provide you with up-to-date weather information:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **1. Apps**.
2. Select **SHOP APPS**, then press the OK Key (OK) .

SEARCH

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **2. Search**.

MUSIC & TONES

The Music & Tones menu allows you to mange ringtones, music and sound files.

MY RINGTONES

TO PLAY DOWNLOADED TUNES OR TONES:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **1. My Ringtones**.
2. Select the tune or tone you want to play, then press the OK Key (OK) [**PLAY**].
3. To stop, press the OK Key (OK) [**STOP**].

TO ASSIGN DOWNLOADED TUNES OR TONES:

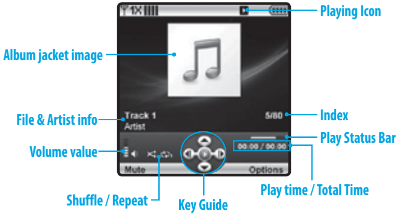
1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **1. My Ringtones**.
2. Select the desired ringtone, then press the Left Soft Key [**Set As**].
3. Select one of the following options, then press the OK Key (OK) .
   - **1. Ringtone**: Set as a ringtone. A confirmation message appears.
   - **2. Contact ID**: The **SET AS CONTACT ID** screen appears. Select the Contact you want to assign the ringtone to, then press the OK Key (OK).
   - **3. Alert Sounds**: Press the corresponding number key to set the ringtone for one of the following: **All Messages** / **Text Message** / **Pic/Video/Voice Mes...** / **Voicemail**

MY MUSIC

My Music menu allows you to playback and manage music files stored in your phone's memory and on a memory card (sold separately).

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **2. My Music**.
2. Select one of the following options and press the OK Key (OK) .
   - **All Songs**: Allows you to view or play all songs.
   - **Playlists**: Allows you to create or view playlists. Once you have created playlists, you can play songs by playlists.
   - **Artists**: Allows you to view or play your songs by artists.
   - **Genres**: Allows you to view or play your songs by genres.
   - **Albums**: Allows you to view or play your songs by albums.
   - **Manage My Music**: Allows you to manage your music files with following options: **Erase** / **Lock** / **Unlock** / **Move To Card** / **Move To Phone**
   - **Music Settings**: Allows you to set following player settings: **Repeat** / **Shuffle** / **Sound Effects** / **Player Skin** / **Music Only Mode**

NATIVE MUSIC PLAYER



01
02
03
04
05
06
07

Icon	Name	Descriptions
▮	Volume value	Indicates current music volume level
◀ ▶	Previous / Next	Press: Previous, Next Press and Hold: Rewind, Fast Forward
⏸ ▶	Pause/Play	Indicates player's status
🔁 🔂 →	Repeat	Repeat All Repeat One Off
🔀 ⇉	Shuffle	On Off

MY SOUNDS

To select a desired sound:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **3. My Sounds**.
2. Highlight the desired sound, then press the OK Key (OK) [**PLAY**] to hear the sound. Press the OK Key (OK) [**STOP**] to stop playing the sound.
3. Press the Right Soft Key ⬯ [**Options**] to access the following options:
   - **Send**: Allows you to send the sound with a picture message.
   - **Send Via Email**: Allows you to send the sound Via Email.
   - **To Online Album**: Allows you to upload the selected tone to the online server.
   - **Rename**: Renames the sound.
   - **Move**: Allows you to move the selected sound to the memory card or the phone. This option only appears if a memory card is inserted.
   - **Erase**: Deletes the sound.
   - **Erase All**: Deletes all the sounds from your phone.
   - **File Info**: Displays information about the selected sound.

Preloaded sound options: Send, To Online Album and File info. The preloaded sounds cannot be erased or renamed.

RECORDING NEW SOUNDS

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **3. My Sounds**.
2. Press **1. Record New**.
3. Press the OK Key (OK) to begin recording. When done, press the OK Key (OK) [**STOP**] to finish recording. The recording is automatically saved to your My Sounds list.
4. Your recording is saved with a number. To rename your recording, scroll to it with the Directional Key ◎ in the My Sounds menu, then press the Right Soft Key ⬯ [**Options**].
5. Press **4. Rename**.
6. Press and hold the CLR Key CLR to erase the number, enter the new name for your recording, then press the OK Key (OK).

SETTING SOUNDS

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **1. Media Center**, **3. Music & Tones**, **3. My Sounds**.
2. Select the sound you want to set, press the Left Soft Key ⬯ [**Set As**], then select one of the following options and press the OK Key (OK).
   - **Ringtone**: Set as a ringtone. A confirmation message appears.
   - **Contact ID**: The **SET AS CONTACT ID** screen appears. Select the Contact you want to assign the ringtone to, then press the OK Key (OK).
   - **Alert Sounds**: Press the corresponding number key to set the ringtone for one of the following options: **All Messages** / **Text Messages** / **Pic/Video/Voice Mes...** / **Voicemail**

PICTURE & VIDEO

MY PICTURES

The My Pictures menu allows you to view all the pictures you have taken, store selected images in your phone, send pictures to the Online Album, delete images and access additional picture options.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **1. My Pictures**.
2. Select the desired picture, then press the Right Soft Key [**Options**] to access the following options.
   - **Send**: Allows you to send a picture with following options:
     Picture Message / **To Online Album** / **Via Email** / **Via Bluetooth**
   - **Set As**: Assigns the selected picture to display for specific tasks (**Wallpaper** / **Picture ID**).
   - **Take Picture**: Take a new picture.
   - **Manage Pictures**: To manage your picture files with following options:
     Erase / **Lock** / **Unlock** / **Move to Phone** / **Move to Card**
   - **Rename**: Rename the selected picture.
   - **File Info**: Displays the following information about the selected picture:
     Name / **Date** / **Time** / **Resolution** / **File Size**

DELETING A PICTURE

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **1. My Pictures**.
2. Select the picture you want to erase, then press the Left Soft Key [**Erase**].
3. "**ERASE PICTURE FROM MY PICTURES AND SETTINGS?**" will appear on your display.
4. Select **Yes** and press the OK Key OK . A confirmation message appears.

MY VIDEOS

The My Videos menu allows you to view all the videos you have recorded, store selected videos in your phone, send videos to the Online Album, delete videos and access additional video options.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **2. My Videos**.
2. Select the desired video, then press the Right Soft Key [**Options**] to access the following options.
   - **Send**: Allows you to send a picture with following options:
     Video Message / **To Online Album** / **Via Bluetooth** / **Via Email**
   - **Record Video**: Record a new video.
   - **Set As Video ID**: Set the selected video as a contact ID.
   - **Manage Videos**: To manage your video files with following options:
     Erase / **Lock** / **Unlock** / **Move to Phone** / **Move to Card**
   - **Rename**: Rename the selected video.
   - **File Info**: Displays the following information about the selected video:
     Name / **Date** / **Time** / **Duration** / **File Size**

TAKE PICTURE

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **3. Take Picture**.

If the keypad is locked, unlock the keypad by pressing the OK Key OK. Press the Camera Key to access the camera viewfinder.

2. Point the camera lens at your subject. You can check the picture framing through the display screen.
   - Press the Directional Key left or right to zoom in or out (except when resolution is set to 1600x1200).
   - Press the Right Soft Key [**Options**], and choose from the following:
     1. Resolution: 1600X1200 / 1280x960 / 640x480 / 320x240 / 160x120
     2. Self Timer: Off / 3 Seconds / 5 Seconds / 10 Seconds
     3. Brightness: Press the Directional Key left or right to adjust the brightness from the following: -2 / -1 / 0 / +1 / +2

4. White Balance: Press the Directional Key ◎ left or right to select from the following: Auto / Sunny / Cloudy / Tungsten / Fluorescent

5. Shutter Sound: Allows you to select the shutter sound from the following: Shutter / Silent / Say "Cheez" / Ready! 123

6. Color Effects: Press the Directional Key ◎ left or right to select color effects from the following: Normal / Antique / Black and White / Negative

7. Capture Mode: Set the capture mode to take picture from the following: Landscape / Portrait

8. Memory: Set the memory to save the captured picture from the following: Phone / Card

3. Press the OK Key OK [**TAKE**] to take the picture.
4. After taking the picture, it will be displayed. To save the picture, press the Left Soft Key [**Save**]. To take another picture without saving the picture you just took, press the Right Soft Key [**Erase**]. To send the picture to someone, press the OK Key OK [**SEND**].

RECORD VIDEO

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **4. Record Video**.

If the keypad is locked, unlock the keypad by pressing the OK Key OK. Press and hold the Camera Key to access the video camera viewfinder. To switch from the video camera to camera or vice versa, press the Camera Key.

2. Point the camera lens at your subject. You can check the video framing through the display screen.
   - Press the Directional Key ◎ left or right to zoom in or out.
   - Press the Right Soft Key [Options] and choose from the following:

1. Brightness: Press the Directional Key ◎ left or right to adjust the brightness from the following: -2 / -1 / 0 / +1 / +2

2. White Balance: Press the Directional Key ◎ left or right to select from the following: Auto / Sunny / Cloudy / Tungsten / Fluorescent

3. Shutter Sound: Allows you to turn Shutter Sound Shutter or Silent.

4. Recording Time: Limit the recording time to 15 Seconds for Video MSG or 1 Hour for Save.

5. Memory: Set the memory to save the recorded file from the following: Phone / Card

3. Press the OK Key OK [**REC**] to record a video. When finished recording, press the OK Key OK [**STOP**].
4. After recording the video, press the Left Soft Key [**Save**] to save the video. To record another video without saving the video you just recorded, press the Right Soft Key [**Erase**]. To send the video to someone, press the OK Key OK [**SEND**].

DELETING A VIDEO

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **2. My Videos**.
2. Select the video you want to erase, then press the Left Soft Key [**Erase**].
3. "**ERASE VIDEO FROM MY VIDEOS?**" will appear on your display.
4. Select **Yes** and press the OK Key OK. A confirmation message appears.

ONLINE ALBUM

To access Online Album:

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **4. Picture & Video**, **5. Online Album**.
2. Follow the on-screen prompts.

BROWSER

Now you can access news, sports, weather and Email from your phone. Browser keeps you updated by providing access to up-to-date information when you subscribe to Internet service with your service provider. Please contact your service provider for a list of available websites and service details.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **1. Media Center**, **5. Browser**.
2. Follow the on-screen prompts.

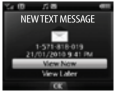
MESSAGING 6

This chapter addresses Voicemail, TXT, Picture, Video, Voice Messaging functions including:

When a New Message Arrives
New Message
Inbox
Sent
Drafts
Voice Mail
Mobile Im
Mobile Email
Settings

01
02
03
04
05
06
07

WHEN A NEW MESSAGE ARRIVES



1. The following display appears when a new message arrives.
2. To display the message, select **View Now** and then press the OK Key (OK).

NEW MESSAGE

TEXT MESSAGE

1. Slide the phone up, press the Left Soft Key [**Message**], then select **1. New Message**. Or slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **1. New Message**.
2. Press **1. Text Message**.

Shortcut: From idle mode, press the TXT Composer Key ✉.

3. Under **To**, input the phone number or email address of the recipient, then press the OK Key (OK).
   - By pressing the Right Soft Key [**Add**], you can choose from the following:
     1. From Contacts: Search for a phone number which is stored in the Contact List.
     2. Recent Calls: Search for a phone number which is stored in the Recent Calls menu.
     3. Groups: Search for a group stored in the Groups menu.
     4. To Contacts: Save the number or email address to the Contact List that you have entered in the To field.
4. Under **Text**, input your message.
   - By pressing the Right Soft Key [**Options**], you can choose from the following:
     1. Insert Quick Text: Inserts predefined sentences in the text message.
     2. Save As Draft: Save the text message to Drafts.
     3. Add: Allows you to add a Graphic, Sound, Name Card or Address From Contacts.
     4. Format Text: Allows you to edit Alignment, Font Size, Font Style, Font Color or Background Color.
     5. Priority Level: Select High or Normal, then press the OK Key (OK).
     6. Cancel Message: Cancel the message and select whether to save it in Drafts.
5. When completed, press the OK Key (OK) [**SEND**] to send the text message.

When navigating through the **Messaging** menu, press the Right Soft Key [**Options**] to display the following available options.

- **Erase Inbox**: Allows you to delete unlocked messages stored in the Inbox.
- **Erase Sent**: Allows you to delete unlocked messages stored in Sent.
- **Erase Drafts**: Allows you to delete unlocked messages stored in Drafts.
- **Erase All**: Allows you to delete unlocked messages stored in your phone.

PICTURE MESSAGE

1. Slide the phone up, press the OK Key [**MENU**], then press **2. Messaging**, **1. New Message**.
2. Press **2. Picture Message**.
3. Under **To**, input the phone number or email address of the recipient, then press the OK Key .
   - By pressing the Right Soft Key [**Add**], you can choose from the following:
     1. From Contacts: Search for a phone number which is stored in the Contact List.
     2. Recent Calls: Search for a phone number which is stored in the Recent Calls menu.
     3. Groups: Search for a group stored in the Groups menu.
     4. Send to Online Album: Send the picture message to your Online Album.
     5. To Contacts: Save the number or email address to the Contact List that you have entered in the To field.
4. Under **Text**, input your message, then press the Directional Key down.
5. Under **Picture**, press the Left Soft Key [**My Pics**] to select the picture you would like to send, then press the OK Key . Press the Directional Key down.
6. Under **Sound**, press the Left Soft Key [**Sounds**] to select the sound you would like to send, then press the OK Key . Press the Directional Key down.
7. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts**, then press the OK Key . Select the desired card and press the OK Key . Press the Directional Key down.
8. Under **Subject**, input the message subject.
9. Press the Right Soft Key [**Options**] to access the following:
   - **Preview**: Shows the picture message before it is sent.
   - **Save as Draft**: Save the picture message to Drafts.
   - **Insert Quick Text**: Inserts predefined sentences in the picture message.
   - **Add Slide**: Allows you to insert multiple picture messages.
   - **Priority Level**: Select High or Normal, then press the OK Key .
   - **Cancel Message**: Cancel the message and select whether to save it in Drafts.
10. When completed, press the OK Key [**SEND**] to send the picture message.

VIDEO MESSAGE

1. Slide the phone up, press the OK Key [**MENU**], then press **2. Messaging**, **1. New Message**.
2. Press **3. Video Message**.
3. Under **To**, input the phone number or email address of the recipient, then press the OK Key .
   - By pressing the Right Soft Key [**Add**], you can choose from the following:
     1. From Contacts: Search for a phone number which is stored in the Contact List.
     2. Recent Calls: Search for a phone number which is stored in the Recent Calls menu.
     3. Groups: Search for a group stored in the Groups menu.
     4. Send to Online Album: Send the video message to your Online Album.
     5. To Contacts: Save the number or email address to the Contact List that you have entered in the To field.
4. Under **Text**, input your message, then press the Directional Key down.
5. Under **Video**, press the Left Soft Key [**My Videos**] to select the video you would like to send, then press the OK Key . Press the Directional Key down.
6. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts**, then press the OK Key . Select the desired card, press the OK Key . Press the Directional Key down.
7. Under **Subject**, input the message subject.
8. Press the Right Soft Key [**Options**] to access the following:

- **Preview**: Shows the video message before it is sent.
- **Save as Draft**: Save the video message to Drafts.
- **Insert Quick Text**: Inserts predefined sentences in the video message.
- **Priority Level**: Select **High** or **Normal**, then press the OK Key (OK).
- **Cancel Message**: Cancel the message and select whether to save it in Drafts.

9. When completed, press the OK Key (OK) [**SEND**] to send the video message.

VOICE MESSAGE

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **1. New Message**.
2. Press **4. Voice Message**.
3. Press the OK Key (OK) to start recording a voice memo, then press the OK Key (OK) [**STOP**] to finish recording and insert the voice memo into the voice message.
4. Under **To**, input the phone number or email address of the recipient, then press the OK Key (OK) .
   - By pressing the Right Soft Key [**Add**], you can choose from the following:
     1. From Contacts: Search for a phone number which is stored in the Contact List.
     2. Recent Calls: Search for a phone number which is stored in the Recent Calls menu.
     3. Groups: Search for a group stored in the Groups menu.
     4. Send to Online Album: Send the voice message to your Online Album.
     5. To Contacts: Save the number or email address to the Contact List that you have entered in the To field.
5. Under **Text**, input your message, then press the Directional Key (OK) down.
6. Under **Name Card**, press the Left Soft Key [**Add**], select **1. My Name Card** or **2. From Contacts**, then press the OK Key (OK) . Select the desired card, press the OK Key (OK) . Press the Directional Key (OK) down.
7. Under **Subject**, input the message subject.
8. Press the Right Soft Key [**Options**] to access the following:
   - **Review**: Shows the voice message before it is sent.
   - **Save as Draft**: Save the voice message to Drafts.
   - **Insert Quick Text**: Inserts predefined sentences in the voice message.
   - **Priority Level**: Select **High** or **Normal**, then press the OK Key (OK).
   - **Cancel Message**: Cancel the message and select whether to save it in Drafts.
10. When completed, press the OK Key (OK) [**SEND**] to send the voice message.

INBOX

The **Inbox** menu is displayed when **Messages View** is set to **By Time**. The **Inbox** manages received text, picture, voice, video and web alert messages.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **2. Inbox**.
2. Select a message and press the OK Key (OK) [**OPEN**] to view the message. To delete the message, press the Left Soft Key [**Erase**], select **Yes**, then press the OK Key (OK) .
3. Press the Directional Key (OK) left or right to view the previous or next message.
4. To reply to the sender, press the OK Key (OK) [**REPLY**], select **1. Text Message**, **2. Picture Message**, **3. Video Message** or **4. Voice Message**, then press the OK Key (OK) .
5. When navigating through the **Inbox** menu, press the Right Soft Key [**Options**] to display the following available options. Options are dependent on the message type and may be different from each field.
   - **Reply**: Allows you to reply to the recipient.
   - **Reply w. copy**: Allows you to reply to the recipient including the original message.
   - **Forward**: Forwards the message to another recipient.
   - **Add To Contacts**: Saves the phone number to the Contact List.
   - **Extract Addresses**: Allows you to extract contacts from the message, then you can save them to the Contact List, make a call or send the message.
   - **Message Info**: Shows the message information.
   - **Manage Inbox**: Allows you to manage messages with following options:
     Erase: Deletes the messages.
     Lock: Locks the messages.
     Unlock: Unlocks the messages.
     Mark as Read: Marks the messages as read.

Mark as Unread: Marks the messages as unread.
- **Sort By Sender**: Sorts the list by sender.
- **Sort By Time**: Sorts the list by time.
- **Sort By Size**: Sorts the list by size.
- **View By Contacts**: Changes the Messages View setting to By Contacts.
- **Play Again**: Replays the sound attached to a picture or voice message.
- **Erase**: Deletes the message.
- **Save Picture**: Allows you to save the attached picture to your phone.
- **Save Graphic**: Allow you to save the attached graphic to your phone.
- **Save Sound**: Allows you to save the attached sound to your phone.
- **Save Video**: Allows you to save the attached video to your phone.
- **Save as Ringtone**: Allows you to save the sound to your phone as ringtone.
- **View Name Card**: Shows the attached name card.
- **Save Name Card**: Allows you to save the attached name card to your phone.
- **Set As**: Allows you to set the attached picture as Wallpaper or Picture ID, and attached sound as Ringtone, Contact ID or Alert Sounds.
- **Save As Quick Text**: Allows you to save the received message as quick text.
- **Lock / Unlock**: Locks or unlocks the message.

SENT

The Sent menu is displayed when Messages View is set to By Time. Sent manages already sent or waiting to be sent messages.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **2. Messaging**, **3. Sent**.
2. Select a message and press the OK Key OK [**OPEN**] to view the message. To delete the message, press the Left Soft Key [**Erase**], select **Yes**, then press the OK Key OK .
3. Press the Directional Key OK left or right to view the previous or next message.
4. To send the message, press the OK Key OK [**SEND**].
5. When navigating through the Sent menu, press the Right Soft Key [**Options**] to display the following available options. Options are dependent on the message type and may be different from each field.

- **Reply to All**: Allows you to reply to all senders.
- **Forward**: Forwards the message to another recipient.
- **Resend**: Resends the message.
- **Lock** / **Unlock**: Locks or unlocks the message.
- **Add To Contacts**: Saves the phone number to the Contact List.
- **Erase Sent**: Allows you to delete unlocked messages stored in Sent.
- **Message Info**: Shows the message information.
- **Play Again**: Replays the sound attached to a picture or voice message.
- **Erase**: Deletes the message.
- **Save As Quick Text**: Allows you to save the received message as quick text.
- **View Name Card**: Shows the attached name card.

DRAFTS

The Drafts menu manages draft messages. If message composition is interrupted by a voice call or other events, the message being composed is automatically saved in Drafts.

1. Slide the phone up, press the OK Key OK [**MENU**], then press **2. Messaging**, **4. Drafts**.
2. Select a message and press the OK Key OK [**EDIT**] to edit the message. To delete the message, press the Left Soft Key [**Erase**], select **Yes**, then press the OK Key OK .
3. When navigating through **Drafts** menu, press Right Soft Key [**Options**] to display the following available options.
   - **Send**: Sends the message.
   - **Lock**: Locks or unlocks the message.
   - **Add To Contacts**: Saves the phone number to the Contact List.
   - **Erase Drafts**: Allows you to delete unlocked messages stored in Drafts.

ERASE ALL

To erase all messages stored in your phone:

1. From the home screen, press OK Key OK [**MENU**], then select **2. Messaging**.
2. Press the Right Soft Key [**Options**] to display the following available

options.

- **Erase Inbox/Sent**: Select All Messages or Only Read Messages, then press the OK Key (OK).
- **Erase Drafts**: Select Yes or No, then press the OK Key (OK).
- **Erase All**:Select All Messages including Unread or All except Unread Messages, then press the OK Key (OK).

3. A confirmation message appears.

Slide theLocked messages cannot be erased.

VOICE MAIL

The Voicemail menu shows the number of new voicemail message recorded in your voicemail box.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **5. Voicemail**.
2. To delete information about new voicemail, press the Left Soft Key [**Clear**], select **Yes**, then press the OK Key (OK) .

ACCESSING YOUR VOICEMAIL BOX

1. Slide the phone up, press the OK Key (OK) [**MENU**], press **2. Messaging**, **5. Voicemail**, then press the OK Key (OK) [**Call**]. Or dial *86 and press the SEND Key .
2. Follow the prompts to enter your password and retrieve your messages.

Shortcut: Slide the phone up, press and hold 1 to access your voicemail box.

MOBILE IM

Mobile IM menu allows you to send and receive instant messages using one of the following messenger services:

- **AIM**
- **WL Messenger**
- **Yahoo!®**

LAUNCHING MOBILE IM

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **6. Mobile IM**.
2. Follow the on-screen prompts.

EMAIL

The Email menu allows you to send and receive Email using Browser.

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**, **7. Mobile Email**.
2. Select **Mobile Email** or **Mobile Web Mail**, then press the OK Key (OK) .
   - **Mobile Email**: Connects to Browser via Brew Smartlink.
   - **Mobile Web Mail**: Connects to Mobile Web via Browser.
3. Follow the on-screen prompts.

SETTINGS

The **Settings** menu allows you to configure settings for messages sent or received on your phone. To access message settings:

1. Slide the phone up, press the OK Key (OK) [**MENU**], then press **2. Messaging**.
2. Press the Left Soft Key [**Settings**] to display available menus.
3. Select one of the following menus, then press the OK Key (OK) .

MESSAGES VIEW

1. Select **By Time** or **By Contact**, then press the OK Key (OK) .
   - **By Time**: Sorts received and sent messages into Inbox and Sent folders by time.
   - **By Contact**: Groups all received and sent messages by each contact.

ENTRY MODE

Allows you to set the default Entry Mode for messaging. For example, if Abc mode is set to Entry Mode, its icon will appear in the text entry field as default.

1. Select **Abc**, **ABC** or **123**, then press the OK Key (OK) .

01
02
03
04
05
06
07

AUTO SAVE SENT

1. Select **On**, **Off** or **Prompt**, then press the OK Key (OK).
   - **On**: All sent messages are saved in Sent.
   - **Off**: All sent messages are not saved in Sent.
   - **Prompt**: The Yes or No dialogue box will be displayed after sending a message.

AUTO ERASE INBOX

Allows you to set whether Inbox messages are deleted automatically when new messages arrive and Inbox is full.

1. Select **On** or **Off**, then press the OK Key (OK).
   - **On**: The oldest message will be deleted from the Inbox automatically once full.
   - **Off**: The oldest message will not be deleted automatically from the Inbox once full.

MESSAGING FONT SIZE

Allows you to set the message font size.

1. Select **Small**, **Normal** or **Large**, then press the OK Key (OK).

TXT AUTO VIEW

1. Select **On** or **Off**, then press the OK Key (OK).
   - **On**: TXT messages are displayed automatically when received.
   - **Off**: TXT messages are displayed by going into the Inbox, or by responding to the message prompt.

MULTIMEDIA AUTO RECEIVE

1. Select **On** or **Off**, then press the OK Key (OK).
   - **On**: Picture, Video and Voice messages are downloaded automatically.
   - **Off**: Picture, Video and Voice messages must be retrieved from the Inbox or by responding to the message prompt.

QUICK TEXT

Allows you to create a new Quick Text or edit the predefined Quick Text.

1. To create a new Quick Text, press the Right Soft key [**Options**], then press **1. New**. Enter the new text and press the OK Key (OK) [**SAVE**].
2. To edit the predefined Quick Text, select the Quick Text from the list, then press the OK Key (OK) [**EDIT**].
3. To change the Quick Text position, press the Right Soft Key [**Options**], then press **2. Move**. Press the Directional Key up or down to scroll to desired position, then press the OK Key (OK) [**SAVE**].
4. To erase a saved Quick Text, press the Left Soft Key [**Erase**]. Select **Yes** and press the OK Key (OK).

VOICEMAIL

1. Enter a new voicemail number or edit the voicemail number then press the OK Key (OK).
2. Press the Left Soft Key [**Add**], then press **1. Wait** or **2. 2-Sec Pause**. Please refer to **page 30** for more details on **WAIT/ PAUSE FEATURE**.

CALLBACK

Allows you to use or edit the default callback number so that the recipient can callback or reply.

1. Select **On** or **Off**, then press the OK Key (OK).
2. If **On** is selected, enter a new callback number then press the OK Key (OK).

SIGNATURE

Allows you to create a signature that can be automatically inserted at the end of each message.

1. To deactivate Signature function, select **None** and press the OK Key (OK).
2. To insert a Signature, select **Custom**, enter your signature in the text entry field then press the OK Key (OK).

DELIVERY RECEIPT

Allows you to set delivery receipts for sent messages.

1. Select **On** or **Off**, then press the OK Key (OK).
   - **On**: Request to receive the delivery acknowledgement.
   - **Off**: Do not request to receive the delivery acknowledgement.

7 SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your phone. Before operating your phone, please be aware of all the safety details. 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
Hearing Aid Compatibility (HAC) for Wireless Telecommunications Devices
FDA Consumer Update
Avoid Potential Hearing Loss
FCC Compliance Information
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).

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

ANTENNA SAFETY

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

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

DRIVING SAFETY

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

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

ELECTRONIC DEVICES

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Therefore, use of your phone must be restricted in certain situations.

PACEMAKERS

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

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

HEARING AIDS

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

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy.

Your physician may be able to assist you in obtaining this information. Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

VEHICLES

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

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

OTHER SAFETY GUIDELINES

AIRCRAFT

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft.

Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

BLASTING AREAS

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

POTENTIALLY EXPLOSIVE ATMOSPHERES

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

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

PRECAUTIONS

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

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

- DO NOT use 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 PCD 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.

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 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.

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 1.15 W/kg and when worn on the body, as described in this user guide, is 1.17 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The SAR testing for Body-worn operation was performed with a belt clip that provided a 20mm separation. The User's Manual indicates that any holsters/clips used with this device should contain no metallic components.

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/ea after searching on JYCBUDDY.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site 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 substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

HEARING AID COMPATIBILITY (HAC) FOR WIRELESS TELECOMMUNICATIONS DEVICES

PCD'S COMMITMENT

PCD believes that all of our customers should be able to enjoy the benefits of digital wireless technologies.

We are committed to providing a selection of compatible devices for our customers who wear hearing aids.

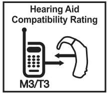
THIS PHONE HAS A HAC RATING OF M3/T3

WHAT IS HEARING AID COMPATIBILITY?

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an "M" rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a "T" rating that enables the phone to be used with hearing aids operating in the telecoil mode thus reducing unwanted background noise.

HOW WILL I KNOW WHICH WIRELESS PHONES ARE HEARING AID COMPATIBLE?

The Hearing Aid Compatibility rating is displayed on the wireless phone box.



A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an "M3" or "M4" rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (telecoil mode) if it has a "T3" or "T4" rating.

HOW WILL I KNOW IF MY HEARING AID WILL WORK WITH A PARTICULAR DIGITAL WIRELESS PHONE?

You'll want to try a number of wireless phones so that you can decide which works the best with your hearing aids. You may also want to talk with your hearing aid professional about the extent to which your hearing aids are immune to interference, if they have wireless phone shielding, and whether your hearing aid has a HAC rating.

FOR MORE INFORMATION ABOUT HEARING AIDS AND DIGITAL WIRELESS PHONE

- FCC Hearing Aid Compatibility and Volume Control – http://www.fcc.gov/cgb/dro/hearing.html
- Hearing Loss Association of America – http://www.hearingloss.org/learn/cellphonetech.asp
- CTIA – http://www.accesswireless.org/hearingaid/
- Gallaudet University, RERC – http://tap.gallaudet.edu/voice

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 idle mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is FDA's role concerning the safety of wireless phones?

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

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function;

and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

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

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

The National Institutes of Health participates in some 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. 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 neu-roma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

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

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

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

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fda.gov (under "c" in the subject index, select Cell Phones > Research).) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

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

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

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

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

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance.

For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that 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/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm)
- 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.hpa.org.uk/radiation/)

AVOID POTENTIAL HEARING LOSS

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

YOU CAN OBTAIN ADDITIONAL INFORMATION ON THIS SUBJECT FROM THE FOLLOWING SOURCES:

AMERICAN ACADEMY OF AUDIOLOGY

11730 Plaza American Drive, Suite 300
Reston, VA 20190
Voice: 800-AAA-2336
Email: infoaud@audiology.org
Internet: www.audiology.org

NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS NATIONAL INSTITUTES OF HEALTH

31 Center Drive, MSC 2320
Bethesda, MD USA 20892-2320
Voice: (301) 496-7243
Email: nidcdinfo@nidcd.nih.gov
Internet: http://www.nidcd.nih.gov/health/hearing

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

1600 Clifton Rd
Atlanta
GA 30333. USA
Voice: 1-800-CDC-INFO (1-800-232-4636)
Internet: http://www.cdc.gov/niosh/topics/noise/default.html

FCC COMPLIANCE INFORMATION

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received. Including interference that may cause undesired operation.

INFORMATION TO THE USER

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

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

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

WARRANTY

12 MONTH LIMITED WARRANTY

Personal Communications Devices, LLC. (the "Company") warrants to the original retail purchaser of this handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

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

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

This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and nonoperative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

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

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

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada

(800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LAIBILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

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

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

IN USA:

Personal Communications Devices, LLC.
555 Wireless Blvd.
Hauppauge, NY 11788
1-800-229-1235

IN CANADA:

PCD Communications Canada Ltd.
5535 Eglinton Avenue West, Suite 234
Toronto, Ontario
M9C 5K5
1- 800-465-9672