

7. Insert the tip of the corner of the Device Lock Tool into the groove of the screw type battery cover lock and rotate in the direction indicated by the arrow in the figure to the right. Rotate the battery lock as far as it will go towards the LOCK position.

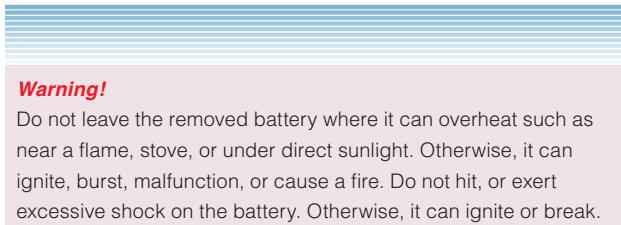
**Warning!**

- Do not twist the battery cover as shown in the figure to the right. Doing so can damage the cellphone and the battery cover.
- Do not press hard on the battery cover with the battery cover tabs running over the cellphone because you may damage the battery cover tabs.
- If you are using a wrist strap (purchased separately), be careful not to get it caught between the battery cover and cellphone, in order to maintain waterproofing.

**Removing the battery**

1. To remove the battery cover, perform steps 1 through 2 under "Installing the Battery" on page XX.
2. Gently pull up the tab of battery in the direction of arrow ① in the figure to the right to draw out one side of battery, and then slide and remove it in the direction of arrow ②.





Charging the Battery

To charge your battery:

1. Connect the Wall Charger to the Handset Charging Cradle (included inbox).
2. Plug the Wall Charger power plug into an electrical outlet.
3. Insert the cellphone into the Handset Charging Cradle.



Warning!

- Whenever placing the cellphone into or removing it from the Handset Charging Cradle, hold the cradle steady as shown in the figure to the right. Slide the cellphone along the guides on the cradle back support.
- The Charge Indicator is red while charging. Even if the cellphone is inserted in the Handset Charging Cradle, the cellphone is not charging if the Charge Indicator does not turn on. Firmly insert the cellphone into the Handset Charging Cradle until the Charge Indicator turns on.
- Do not connect another Wall Charger to the Charging/Data Port, when charging the cellphone inserted in the Handset Charging Cradle. Damage or overheating may result.

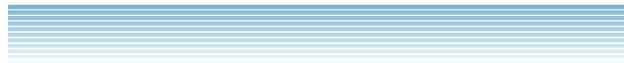


Charging the battery by directly connecting the Wall Charger

You can also charge the battery by directly connecting the Wall Charger to the Charging/Data Port and plugging the power plug into an electrical outlet.

1. To open the Charging/Data Port cover, insert your finger in the depression of the cellphone near the Charging/Data Port cover and lift open.





2. Plug the Wall Charger power plug into an electrical outlet and connect the Wall Charger to the Charging/Data Port.



3. When the cellphone is completely charged, unplug the Wall Charger and push the center of the port cover into the Charging/Data Port.



4. Make sure the port cover is completely closed.

Warning!

Failure to completely reseal the Charging/Data Port after charging may result in damage if the cellphone is exposed to water.

Battery Level

The battery level is shown at the top of the main display. When the battery level becomes low, the low battery sensor alerts you in three ways: an audible tone will sound, the battery icon will begin to blink, and **BATTERY LOW** will appear on the display. If the battery level becomes too low, the phone automatically powers off and any function in progress will not be saved.



Fully Charged

Fully Discharged

NOTE

The charge time varies depending upon the battery level.

Turning the Phone On and Off

Turning the Phone On

1. Press and hold the End/Power Key until the main display lights up.

NOTE

Avoid any unnecessary contact with the internal antenna area while your cellphone is on.

Turning the Phone Off

1. Press and hold the End/Power Key until the main display turns off.

Making Calls

1. From the idle screen, enter the phone number (include the area code if needed).
2. Press the Send Key to make the call.
3. Press the End/Power Key to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, press the Clear Key  once to erase the last digit entered, or press and hold the Clear Key  to delete all digits.

Redialing Calls

1. Press the Send Key twice to redial the last number you dialed.

Receiving Calls

NOTES

- Since the answer option is set to Flip Open as default, you can directly answer an incoming call by simply opening the cellphone. For how to select an answer option, see page XXX.
- Caller ID displays the number of the person calling when your cellphone rings. If the caller's identity is stored in Contacts, the name appears on the screen.

1. When the cellphone rings or vibrates, press the Send Key to answer the call.
2. Press the End/Power Key to end the call.

Call Waiting

If you are on a call and you receive another incoming call, you will hear two beeps. With Call Waiting, you may put the active call on hold while you answer the incoming call. To use Call Waiting:

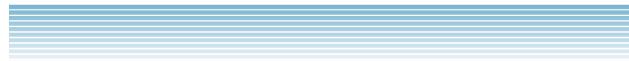
1. Press the Send Key to answer the waiting call.
2. Press the Send Key again to switch between calls.

Menu Access

To display the Main Menu from the idle screen, press the Center Select Key **[MENU]**.

To use the menu:

- Press the Directional Key  up, down, left or right to select your desired menu item then press the Center Select Key **[OK]**.
- Or enter the number that corresponds to the menu or submenu item.



With your cellphone, there are three Main Menu types: **Tab**, **List**, and **Grid**.

NOTES

- All directions in this manual assume that Main Menu Settings is set to Grid and Communicator, and Display Themes is set to Surfing, which are the default settings.
- For information about how to switch between Main Menu types, see page XXX.

Grid Menu

The Grid Menu has nine items.

1. From the idle screen, press the Center Select Key **[MENU]**.
2. Press the Directional Key  up, down, left or right to select your desired menu option then press the Center Select Key **[OK]**.

NOTE

When navigating within menus and submenus or when configuring your cellphone's settings, you can return to the previous screen or step by pressing the Clear Key .

Using a Memory Card

The G'zOne ROCK™ supports the use of a microSD™ memory card as a source of external memory.

NOTE

The microSD™ memory card is sold separately.

Installing a Memory Card

Warning!

- Whenever installing or removing a memory card, make sure the cellphone is turned off and that the Wall Charger is not connected.
- When installing or removing a memory card, avoid touching the memory card contacts and avoid damaging the memory card. Either can cause malfunction or loss of data.
- The front and back of the memory card look different. When inserting the memory card, make sure the correct side is facing up. If not, the card may become stuck or damaged.
- Failure to completely reseal the battery cover after installing may result in damage if the cellphone is exposed to water.



Insert like this.

NOTE

For information about how to remove and install the battery, see page XX.

1. Remove the battery cover and the battery.
2. Carefully press the memory card into the memory card slot until it locks into place.
3. Install the battery and the battery cover.



Removing a Memory Card

Warning!

- Never remove a memory card from the cellphone while it is being accessed. Doing so can damage the memory card or the data stored on it.
- The memory card is very small. Make sure you do not drop it.
- Failure to completely reseal the battery cover after removing may result in damage if the cellphone is exposed to water.

NOTE

For information about how to remove and install the battery, see page XX.

1. Remove the battery cover and the battery.
2. Gently press the memory card into the memory card slot. This will cause the memory card to eject slightly from the slot.
3. Pull it out the rest of the way.
4. Install the battery and the battery cover.



Connecting the Headset

You can connect a compatible headset with a standard 2.5mm plug to your cellphone for safe, convenient, hands-free conversations.

1. To open the Headset Jack cover, insert your finger in the depression of the cellphone near the Headset Jack cover and lift open.
2. Plug the headset connector into the Headset Jack.



Warning!

Failure to completely reseal the Headset Jack after using may result in damage if the cellphone is exposed to water.

Quick Access to Convenient Features

Vibrate Mode

Vibrate Mode mutes key tones and activates an alert for an incoming call or message. To activate Vibrate Mode from the idle screen, press and hold . Press and hold  again, to deactivate Vibrate Mode.

Mute Function

If you press the Left Soft Key **[Mute]** during a call, the person you are speaking with cannot hear you or any sounds from your side of the conversation. However, you can still hear them. To activate Mute:

1. During a call, press the Left Soft Key **[Mute]**.
2. To unmute, press the Left Soft Key **[Unmute]**.

Volume Quick Adjustment

1. With the flip open, press the Volume Keys   up or down to select from: **All Sounds Off, Alarm Only, Vibrate Only, Low, Medium Low, Medium, Medium High and High**.
2. Press the Center Select Key **[OK]** to save. Or, press the Left Soft Key **[Play]** to check the ringtone's volume.

NOTE

The keypad volume is adjusted through the Menu. For more detail, see page XXX.

NOTE

With the flip open, press and hold the Volume Key  Down to enable the Sounds Off mode. Sounds Off mode turns off all phone sounds. Press and hold the Volume Key  Up to revert to Normal Mode.

Speakerphone

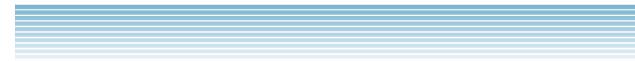
To activate and deactivate the speakerphone:

1. To activate, press the Speakerphone/Flashlight Key  from the idle screen.
2. To deactivate, press the Speakerphone/Flashlight Key  again.

Motion Detection

Using the Motion Detection function, you can control your cellphone just by shaking it. The following functions are available:

- **G'zGEAR:** Shake the cellphone to the left while using a G'zGEAR tool to switch to a different tool. When using the Pedometer of the G'zGEAR tool Walking Counter, the cellphone counts the number of steps as you walk. For more information on G'zGEAR, see page XX.
- **My Music:** Shake the cellphone to the right while playing music with My Music to play the next song. Shake the cellphone to the left to return to the beginning of the song or to the previous song. For more information on My Music, see page XX.
- **My Pictures:** Shake the cellphone to the right while displaying picture thumbnails to display the next page. Shake the cellphone to the left to display the previous page. Shake the cellphone to the right while displaying a picture to display the next picture. Shake the cellphone to the left to display the previous picture. For more



information on My Pictures, see page XX.

- **My Videos:** Shake the cellphone to the right while displaying video thumbnails with My Video to display the next page. Shake the cellphone to the left to display the previous page. For more information on My Videos, see page XX.
- **Rotation Silencer:** You can stop the sound and vibration of incoming call alert, new message alert, alarm, or schedule alarm by simply turning the cellphone upside-down that is placed horizontally on a desk or table.

When shaking the cellphone, be sure to hold the cellphone firmly as shown in the figure to the right and shake it from right to left or vice versa.



Quick Access to Convenient Features

NOTES

- By default, the Motion Detection function is available only for Rotation Silencer. For information about how to change Motion Detection settings, see page XXX.
- When shaking the cellphone, make sure you do not hit the cellphone against nearby objects or persons.
- The Rotation Silencer function is enabled only when the cellphone is closed and placed on a horizontal surface.
- The Rotation Silencer will function by turning the cellphone upside-down either from front to back side or vice versa.

Touch Keys

You can control your cellphone without opening it by using the touch keys (Rewind key , Play/Pause key , Fast Forward key ) around the front display.

- **G'zGEAR:** With your cellphone closed, tap the Rewind key  or Fast Forward key  while using a G'zGEAR tool to switch to another tool. For more information on G'zGEAR, see page XX.
- **My Music:** Use touch keys while playing music with My Music to go to the next/previous song, rewind/fast forward a song, or start/stop playback. For more information on My Music, see page XX.

NOTES

- Touch keys are enabled only when the front display is active with the cellphone closed. If the front display is inactive, tap any touch key or press any side key, to activate it.
- The cellphone vibrates for a short time by tapping or touching and holding any one of the touch keys when they are available.
- Touch keys respond to light touch or tap. Using unnecessary force may damage the touch keys or front display.

Entering and Editing Information

Text Input

You can input and edit your Banner, Schedule, Contacts, and Messages.

Entering and Editing Information

Key Functions

-  **Left Soft Key:** Press to select one of the following text input modes:
 - T9 Word/Abc/ABC/123/T9 Palabra/Symbols**
 -  **Shift:** Press to change case.
 - T9 Word: T9 Word → T9 WORD → T9 word**
 - Abc text: Abc → ABC → abc**
 - T9 Palabra: T9 Palabra → T9 PALA. → T9 palabra**
-  **Next:** In T9 Word or T9 Palabra mode, press to display other matching words. Pressing  after pressing  in T9 Word or T9 Palabra mode to input a period displays other punctuation and symbols.
-  **Space:** Press to complete a word and insert a space.
-  **Clear:** Press to delete a single space or character. Press and hold to delete entire words.

Text Input Modes

There are five modes for entering text, numbers, special characters, and punctuation.



Using Abc (Multi-tap) Text Input

To enter words in this mode, you need to press each key repeatedly until the desired letter appears. It can also be used to add words to the T9 database.

Example: From the text entry screen, in Abc mode, press

, wait one second, then press . “Vzw” is displayed.

NOTES

- Abc is the default text entry mode.
- Press and hold the alphanumeric key to enter a number in Abc mode.

Using T9 Word Mode Text Input

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

To type the message “Call the office.” follow these steps from the text entry screen:

1. Press the Left Soft Key, select **T9 Word**, then press the Center Select Key **[OK]**.
2. Press .
3. Press to complete the word and add a space.
4. Press .

“Call the office.” is displayed.

NOTES

- After you have finished entering a word, if the word displayed is not the one you want, press the Next Key **0 NEXT** to display additional word choices.
- Pressing **0 NEXT** after pressing **1 P.** to input a period displays other punctuation and symbols.

Adding Words to the T9 Database

If a word is not in the T9 database, add it by using Abc (Multi-tap) mode text entry. To add a new word:

1. From the text entry screen, in Abc mode, press **5 JKL** **5 JKL** **6 MNO** **6 MNO** **7 PQRS**. "Kop" is displayed.
2. Press the Left Soft Key, select **T9 Word**, then press the Center Select Key **[OK]**.
3. Press and hold the Clear Key **CLR \$** to erase the existing word.
4. Press **5 JKL** **6 MNO** **7 PQRS**. "Kop" is displayed.
5. Press **#=OK** to accept your choice and add a space.

Using 123 (Numbers) Text Input

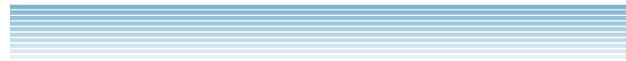
To type numbers using one keystroke per number:

1. Press the Left Soft Key, select **123**, then press the Center Select Key **[OK]**.
2. Press **5 JKL** **5 JKL** **5 JKL** **1 P.** **2 ABC** **1 P.** **2 ABC**. "5551212" is displayed.

Using Symbol Text Input

There are 36 special characters including "SP" which inserts a space and "LF" which moves the text to the next line.

To insert special characters or punctuation:



1. Press the Left Soft Key, select **Symbols**, then press the Center Select Key **[OK]**.
2. Press the Right Soft Key **[Next]** to view the next 12 symbols or Left Soft Key **[Prev]** to view the previous 12 symbols.
3. Select the special character you want to insert, then press the Center Select Key **[OK]** to select it.

Using T9 Palabra Mode Text Input

The T9 Palabra mode is a T9 mode for Spanish input.

To type the message "Llame la oficina." follow these steps from the text entry screen:

1. Press the Left Soft Key, Select **T9 Palabra**, then press the Center Select Key **[OK]**.
2. Press **5 JKL** **5 JKL** **2 ABC** **6 MNO** **3 DEF**.
3. Press **#>#>** to complete the word and add a space.
4. Press **2 ABC** **2 ABC** **#>#>**
6 MNO **3 DEF** **4 GHI** **2 ABC** **4 GHI** **6 MNO** **2 ABC** **1 2 -** **#>#>**
"Llame la oficina." is displayed.

RECENT CALLS

The Recent Calls menu is a list of the last phone numbers or Contact entries for calls (including PTT calls) you placed, accepted, missed, or blocked. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

RECENT CALLS

Accessing the Recent Calls submenu

1. From the idle screen, press the Center Select Key [MENU], then select **Recent Calls** and press the Center Select Key [OK].
2. Select a submenu.
 - Missed:** Displays a list of the 90 most recently missed calls.
 - Received:** Displays a list of the 90 most recently received calls.
 - Dialed:** Displays a list of the 90 most recently dialed calls.
 - Blocked:** Displays a list of the 90 most recently blocked calls.
 - All:** Displays a list of the 270 most recent calls.
 - View Timers:** Displays the duration of selected calls.
 - If you select **Blocked**, enter the four-digit Lock Code, then press the Center Select Key [OK]. The default Lock Code is the last 4 digits of your cellphone number.

NOTES

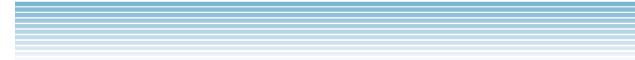
- Pressing the Send Key from the idle screen takes you to the All Calls list.
- Blocked appears only when Contacts Only or Block All is selected for Calls under MENU > Settings & Tools > Phone Settings > Security > Restrictions > Calls > Incoming Calls or Outgoing Calls. For information about how to configure this setting, see page XXX.

Making a Call from Recent Calls

1. From the **Recent Calls** submenu, select one of the following call lists:
Missed/Received/Dialed/Blocked/All
2. Scroll to highlight an entry, then press the Send Key to make the call.

Viewing Recent Call History

1. From the **Recent Calls** submenu, select one of the following call lists:
Missed/Received/Dialed/Blocked/All
2. Scroll to highlight a call entry, then:
 - Press the Center Select Key **[OPEN]** to view the entry.
 - Press the Right Soft Key **[Options]** to select:
 - Save to Contacts:** Stores the phone number in your Contacts.
 - Save to PTT Contacts:** Stores the phone number in your PTT Contacts.
 - Details:** Displays the entry content.
 - Erase:** Erases the entry from the call list.
 - Lock/Unlock:** Locks or unlocks the entry in the call list.
 - Erase All:** Erases all the entries in the selected call list.
 - View Timers:** Displays the duration of the call.
 - Press the Left Soft Key **[Message]** to select:
New TXT Message/New Picture Message/New Video Message/New Voice Message
 - If you selected a PTT Contact, PTT Group, or Temp PTT Group from the Missed or Received Calls list, press the Right Soft Key **[Options]** to select:



**New TXT Message/New Picture Message/New Video
Message/New Voice Message/Save to Contacts/Save to
PTT Contacts/Erase/Lock (Unlock)/Erase All/View Timers**

- If you selected a PTT Contact, PTT Group, or Temp PTT Group from the Dialed Calls list, press the Right Soft Key **[Options]** to select:

Erase/Lock (Unlock)/Erase All/View Timers



View Timers

To view the duration of selected calls:

1. From the **Recent Calls** submenu, select **View Timers**, then press the Center Select Key **[OK]**.

2. Scroll to 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.

CONTACTS

The Contacts menu allows you to store names, phone numbers and other information in your cellphone's memory. You may store up to 500 entries.

Adding a new Contact from the idle screen

1. From the idle screen, enter the phone number (up to 48 characters) you want to register.
2. Press the Right Soft Key **[Options]**.

NOTE

Pressing the Right Soft Key **[Options]** allows you to access the following options:

Add 2-Sec Pause: Inserts a 2-sec Pause into the number.

Add Wait: Inserts a Wait pause into the number.

Save to Contacts: Saves the phone number to the Contact List.

Save to PTT Contacts: Saves the phone number to the PTT Contact List.

Add From Contact: Adds a phone number which is stored in the Contact List.

Add From Recent Call: Adds a phone number which is stored in the Recent Calls.

New TXT Message: Sends a text message to the given phone number.

New Picture Message: Sends a picture message to the given phone number.

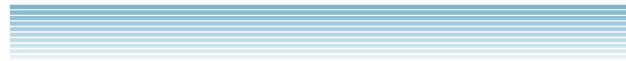
New Video Message: Sends a video message to the given phone number.

New Voice Message: Sends a voice message to the given phone number.

Assisted Dialing: Sets the Assisted Dialing setting. For more detail, see page XXX.

3. Press  **Save to Contacts**,  **Add New Contact**.
4. Select the type of phone number you want to save, then press the Center Select Key **[OK]**.
5. Scroll to highlight the information field you want to enter. These fields include:
**Name/Mobile 1/Home/Work/Email 1/Group/Picture/
Ringtone/Mobile 2/IM Screen Name/Email 2/Street/City/
State/Zip Code/Country**
 - To add the name, scroll to highlight the **Name** field, then enter a name for the contact (up to 32 characters).
 - To add the phone number, scroll to highlight the **Mobile 1, Home, Work, or Mobile 2** field, then enter the phone number (up to 48 characters).
 - To add an e-mail address, scroll to highlight the **Email 1** or **Email 2** field, then enter an e-mail address (up to 48 characters).
 - To add the Contact entry into a group, scroll to highlight the **Group** field, then press the Left Soft Key **[Set]**. Then select the Group, press the Center Select Key **[MARK]**, press the Left Soft Key **[Done]**.
 - To assign the Pictures ID, scroll to highlight the **Picture** field, then press the Left Soft Key **[Set]**. Then select a picture, press the Center Select Key **[OK]**.

 **CONTACTS**



- To assign the call ringtone, scroll to highlight the **Ringtone** field, then press the Left Soft Key **[Set]**. Then select a ringtone, press the Center Select Key **[OK]**.
- To add the IM Screen Name, scroll to highlight the **IM Screen Name** field, then press the Left Soft Key **[Set]**. Then select a service provider, press the Center Select Key **[OK]**. Enter the IM Screen Name, then press the Center Select Key **[SAVE]**.
- To add street address, scroll to highlight the **Street, City, State, Zip Code**, or **Country** field then enter street, city, state, zip code, or country.

6. Select the entered phone number field and press the Right Soft Key **[Options]** to select one of the following options, as desired:

Set Speed Dial/Set As Default/Add 2-Sec Pause/Add Wait

- To add the Contact entry to the Speed Diallist, press **[1-9]** **Set Speed Dial**. Select the desired Speed Dial digit by using the keypad or by scrolling to highlight it, then press the Center Select Key **[SET]**. Press the Center Select Key **[OK]** to select **Yes**.
- To set the phone number as the Default Number, press **[2 ABC]** **Set As Default**, then press the Center Select Key **[OK]** to select **Yes**.
- To insert a pause to an existing number, press **[3 DEF]** **Add 2-Sec Pause** or **[4 GHI]** **Add Wait**.

NOTES

- A phone number entered when the new Contact is created becomes the Default Number. If more than one number is entered for the Contact entry, another number can be selected as the Default Number.
- The Default Number cannot be deleted. To delete it, either delete the entire Contact entry, or set another number as the Default Number and delete the original number to keep the Contact entry.



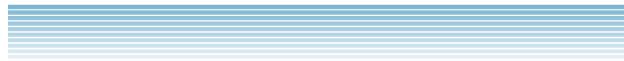
7. After entering the information as necessary, press the Center Select Key **[SAVE]** to save.
8. **CONTACT SAVED** appears on the display. The phone number reappears on screen. Press the End/Power Key to exit, or press the Send Key to make a call to the displayed phone number.

Adding a Phone Number from the idle screen

1. From the idle screen, enter the phone number (up to 48 characters) you want to register.
2. Press the Right Soft Key **[Options]**, then press **3 DEF** **Save to Contacts**, **2 ABC** **Update Existing**.
3. Scroll to highlight the existing Contact entry you want to update, then press the Center Select Key **[OK]**.
4. Select the phone number type, then press the Center Select Key **[OK]**.

Mobile 1/Mobile 2/Home/Work

If a phone number is already assigned to the field you selected, **Entry is already assigned. Overwrite?** appears on the display. Select **Yes** to overwrite, then press the Center Select Key **[OK]**.



5. Perform steps 5 through 8 under "Adding a new Contact from the idle screen" on page XX, to update and save the Contact entry. When the phone number you selected is already registered, **CONTACT SAVED** appears on the display. The phone number reappears on screen. Press the End/Power Key to exit, or press the Send Key to make a call to the displayed phone number.

Phone Numbers with Pauses

Pauses are used for automated systems (e.g. voicemail or calling cards). Insert a pause after a set of numbers then enter another set. The second set of numbers is dialed after the pause. This feature is useful for dialing into systems that require a code. There are two different types of pauses you can use when registering a phone number.

- **Wait (W):** The cellphone stops dialing until you press the Left Soft Key **[Release]** to advance to the next number.
- **2-Sec Pause (P):** The cellphone waits 2 seconds before dialing the next set of numbers automatically.

Registering a Phone Number with Pauses

1. From the idle screen, enter the phone number.
2. Press the Right Soft Key **[Options]**, then press **[1 2 3] Add 2-Sec Pause** or **[2 ABC] Add Wait**
3. Enter additional number(s) (e.g. pin number or credit card number).
4. Press the Right Soft Key **[Options]**, then press **[3 DEF] Save to Contacts**, **[1 2 3] Add New Contact**.
5. Perform steps 4 through 8 under "Adding a new Contact from the idle screen" on page XX, to add (or update) and save the Contact entry.

Accessing the Contacts submenu

1. From the idle screen, press the Center Select Key [**MENU**], select **Contacts** and press the Center Select Key [**OK**].
2. Select a submenu:
**New Contact/Contact List/Groups/New PTT Contact/
PTT Contact List/PTT Groups/Speed Dials/In Case of
Emergency/My Name Card**

NOTE

On the idle screen, the Right Soft Key [**Contacts**] functions as a hot key to access the Contact List.



New Contact

To add a new number to your Contact List:

1. From the **Contacts** submenu, press  **New Contact**.
2. Perform steps 5 through 8 under "Adding a new Contact from the idle screen" on page XX, to add and save the Contact entry.

NOTE

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

Contact List

To view your Contact List:

NOTE

Your cellphone is able to perform a dynamic search of the contents in your cellphone's memory. A dynamic search compares entered letters or numbers against the entries in your Contacts. A matching list is displayed in ascending order. You can then select a number from the list to call or edit. There are several ways to search:

- Searching by Letter
- Scrolling Alphabetically

1. From the **Contacts** submenu, press **Contact List**.

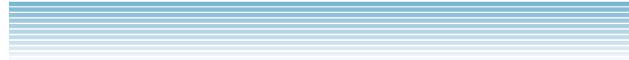
Or, from the idle screen, press the Right Soft Key [**Contacts**]. The list of names in your contacts is displayed alphabetically.

2. Searching by Letter: Enter a name or beginning letters of a name in the **Go To** Field at the bottom of the screen.

Scrolling Alphabetically: Press the Directional Key  up or down to scroll through your Contact List. You can select one of the following options:

- To view the contact information, press the Center Select Key [**VIEW**].
- To edit the entry, press the Left Soft Key [**Edit**].
- Press the Right Soft Key [**Options**] to select one of the following options:

New Contact/Erase/New TXT Message/New Picture Message/New Video Message/New Voice Message/Send IM/Set As ICE Contact (Unassigned ICE contact)/Call/Manage Contacts/Send Name Card/Save To PTT Contacts



Making a Call from Your Contacts

Once you have registered phone numbers into your Contacts, you can make calls to those numbers quickly and easily.

1. From the **Contacts** submenu, press **Contact List**.
2. Select the Contact entry, then press the Center Select Key **[VIEW]**.
3. Select the phone number, then press the Send Key to make the call.



NOTE

Selecting the Contact entry and then pressing the Send Key will dial the Default Number of the Contact entry automatically. If multiple numbers are saved in the Contact entry, select the number you want to dial by presssing the Directional Key left or right, then press the Send Key.

Editing a Contact Entry

1. From the **Contacts** submenu, press **Contact List**.
2. Select the Contact entry, then press the Left Soft Key **[Edit]**.
3. Perform steps 5 through 8 under "Adding a new Contact from the idle screen" on page XX, to edit the Contact entry.

Erasing a Contact Entry

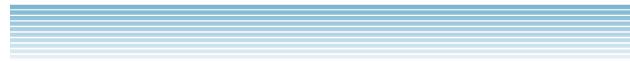
1. From the **Contacts** submenu, press **Contact List**.
2. Select the Contact entry, then press the Center Select Key **[VIEW]**.
3. Press Left Soft Key **[Erase]**, then press the Center Select Key **[OK]** to select **Yes**.

Groups

Groups allow you to classify phone entries into groups with up to 10 numbers in each group.

To view your grouped Contacts, add a new group, change the name of a group, delete a group, or send a message to everyone in the selected group:

1. From the **Contacts** submenu, press **3 DEF Groups**.
2. You can select one of the following options:
 - To add a new group to the Groups list, press the Left Soft Key **[New]**, enter a new group name, then press the Center Select Key **[SAVE]**.
 - To view your grouped Contacts, select a group, then press the Center Select Key **[VIEW]**.
 - To access the options menu, select a group, then press the Right Soft Key **[Options]**. These options include:
New TXT Message/New Picture Message/New Video Message/New Voice Message/Rename/Erase Group/Add
 - To add Contacts to the group, select the existing group where you want to add the contact, and then press the Right Soft Key **[Options]**. Press **7 PQRS Add**, then Your contact entries will be displayed in alphabetical order. Select the contact you want to add then press the Center Select Key **[MARK]**. Press the Left Soft Key **[Done]**.
 - To change the group name, select the existing group name that you want to change, then press the Right Soft Key **[Options]**. Press **5 JKL Rename**, then edit the group name, press the Center Select Key **[SAVE]**.
 - To erase the group, select the existing group that you want to erase, then press the Right Soft Key **[Options]**. Press **6 MNO**



Erase Group, then press the Center Select Key **[OK]** to select **Yes**.

New PTT Contact

To add a new Push To Talk (PTT) Contact:

1. From the **Contacts** submenu, press **4 GHI** **New PTT Contact**.
2. Enter the name, then press the Directional Key **Q** down.
3. Enter the 10-digit cellphone number of the Verizon Wireless PTT subscriber, then press the Directional Key **Q** down.
4. To add the new PTT Contact as a member of an existing PTT Group, press the Left Soft Key **[Add]**, select the PTT Group, press the Center Select Key **[MARK]**, then press the Left Soft Key **[Done]**.
5. Press the Center Select Key **[SAVE]**.



PTT Contact List

To save up to 500 PTT Contact entries:

1. From the **Contacts** submenu, press **5 JKL** **PTT Contact List**.
2. Select the PTT Contact entry. You can select one of the following options:
 - To call and talk with the selected individual, press the Left Soft Key **[Alert]**. Then press and release the PTT Key .
 - Press the Right Soft Key **[Options]** to select one of the following options:
**New PTT Contact/Copy To Contacts/Temp PTT Group/
Erase/Edit/Call/New TXT Message/New Picture Message/
New Video Message/New Voice Message/Sort**

PTT Groups

1. From the **Contacts** submenu, press  **PTT Groups**.
2. You can select one of the following options:
 - To add a new PTT Group to the PTT Groups list, press the Left Soft Key **[New]**, enter a new PTT group name, then press the Center Select Key **[SAVE]**.
 - To view your grouped PTT Contacts, select a PTT Group, then press the Center Select Key **[VIEW]**.
 - To access the options menu, select a PTT Group, then press the Right Soft Key **[Options]**. These options include:
Rename/Erase/Add/Sort
 - To erase the PTT Group, select the existing group that you want to erase, then press the Right Soft Key **[Options]**. Press  **Erase**, then press the Center Select Key **[OK]** to select **Yes**.
 - To change the PTT Group name, select the existing PTT Group that you want to change the name, then press the Right Soft Key **[Options]**. Press  **Rename**, then edit the PTT Group name, press the Center Select Key **[SAVE]**.
 - To add PTT Contacts to the PTT Group, select the existing PTT Group where you want to add the PTT Contact, and then press the Right Soft Key **[Options]**. Press  **Add**, then Your PTT Contact entries will be displayed in alphabetical order. Select the PTT Contact you want to add, then press the Center Select Key **[MARK]**. Press the Left Soft Key **[Done]**.

Temp PTT Group

The following operation temporarily assigns a PTT Contact to the Temp PTT Group. When assigned, displaying the Temp PTT Group and holding down the PTT Key  will initiate a Barge Call.

Adding PTT Contacts

1. From the **Contacts** submenu, press  **PTT Contact List**.
2. Press the Right Soft Key **[Options]**, then press  **Temp PTT Group**.
3. Press the Center Select Key **[ADD]**, select a PTT Contact entry, press the Center Select Key **[MARK]**, then press the Left Soft Key **[Done]**.



Viewing Temp PTT Group Members

1. From the **Contacts** submenu, press  **PTT Contact List**.
2. Press the Right Soft Key **[Options]**, then press  **Temp PTT Group**.
3. Select the PTT Contact entry. You can select one of the following options:
 - Press the Left Soft Key **[Remove]** to remove the entry.
 - Press the Right Soft Key **[Options]** to select one of the following options:
Remove All/New TXT Message/New Picture Message/New Video Message/New Voice Message/Save As PTT Group

Speed Dials

Speed Dialing is a convenient feature that allows you to make phone calls quickly and easily (Speed Dial 1 is reserved for Voicemail). Assign the Speed Dial digits to your Contacts to use this calling feature.



NOTE

You will need to activate One-Touch Dialing to use Speed Dialing, see page XXX.

Setting a Speed Dial

To view your list of Speed Dials or assign Speed Dial digit for a phone number entered in your Contacts:

- 1.** From the **Contacts** submenu, press **Speed Dials**.
- 2.** Select the Speed Dial position, or enter the Speed Dial digit, then press the Center Select Key **[SET]**.
- 3.** Select the Contact, then press the Center Select Key **[OK]**.
- 4.** Select the number you want to assign to the selected Speed Dial digit, then press the Center Select Key **[OK]**.
- 5.** Press the Center Select Key **[OK]** to select **Yes**.

A confirmation message appears.

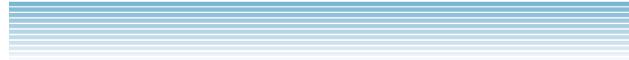
Resetting a Speed Dial

- 1.** From the **Contacts** submenu, press **Speed Dials**.
- 2.** Select the Speed Dial position, or enter the Speed Dial digit, then press the Right Soft Key **[Remove]**.
- 3.** Press the Center Select Key **[OK]** to select **Yes**.

A confirmation message appears.

Single-Digit Speed Dialing

- 1.** From the idle screen, press and hold the Speed Dial digit.
- 2.** Your cellphone recalls the phone number from your Contacts, displays it briefly, and then dials it.



Double-Digit Speed Dialing

1. From the idle screen, press the first Speed Dial digit, then press and hold the key of the last Speed Dial digit.
2. Your cellphone recalls the phone number from your Contacts, displays it briefly, and then dials it.

Triple-Digit Speed Dialing

1. From the idle screen, press the first and second Speed Dial digits, then press and hold the key of the last Speed Dial digit.
2. Your cellphone recalls the phone number from your Contacts, displays it briefly, and then dials it.



NOTE

When the three digits you input are not registered for Speed Dial, your cellphone dials the number you input.

In Case of Emergency (ICE)

Follow the procedure below to register a Contact to be contacted in case of emergency, or to register a medical record number or other personal info. Up to three different Contacts can be registered to ICE.

NOTE

Even when the cellphone is locked, the Contact or personal info registered as ICE can be viewed without unlocking the cellphone by pressing the Left Soft Key **[ICE]**.

Adding a Contact to ICE

To register to ICE:

1. From the **Contacts** submenu, press **8 INC** **In Case of Emergency**.
2. Select **Contact 1**, **Contact 2**, or **Contact 3**, then press the Center Select Key **[ADD]**.
3. To select from the Contact List, press **1 INC** **From Contacts**, select the Contact entry, then press the Center Select Key **[OK]**.
To add a new Contact, press **2 INC** **New Contact**, enter the contact information, then press the Center Select Key **[SAVE]**.

NOTES

- For details about adding a new Contact, see page XX.
- The contact name assigned as the ICE contact is displayed in red font in the Contact List.

Entering Personal Info

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

1. From the **Contacts** submenu, press **8 INC** **In Case of Emergency**.
2. Select **Personal Info**, then press the Center Select Key **[VIEW]**.
3. Select **Note 1**, **Note 2**, or **Note 3**, then press the Center Select Key **[ADD]**.
4. Enter the information, then press the Center Select Key **[SAVE]**.
5. The information you entered now appears in place of **Note 1**, **Note 2**, or **Note 3**.



My Name Card

To register a name, telephone number, and e-mail address to My Name Card:

1. From the **Contacts** submenu, press  **My Name Card**.
2. Enter the name, then scroll to highlight the information field you want to enter. Information fields include:
Mobile 1/Home/Work/Email 1/Mobile 2/Email 2
3. After entering the information as necessary, press the Center Select Key **[SAVE]**.

NOTE

My Name Card can be added to a message. See page XXX.



Push to Talk

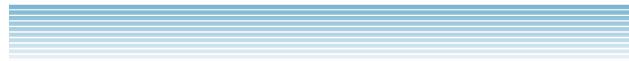
The Push to Talk (PTT) feature on your cellphone allows you to use your cellphone like a walkie-talkie to communicate with an individual or group of individuals who are also Verizon Wireless Push to Talk subscribers.

NOTES

- The PTT mode is Off by default, and you are not be able to send or receive PTT calls and alerts.
- For how to turn the PTT mode on, see page XXX.
- When the PTT mode is ON, with the flip either open or closed, pressing the PTT Key from the idle screen displays the PTT Contact List, and pressing and holding the PTT Key initiates a barge call to the phone number to/from which you sent/received the last PTT call.

About Push to Talk

Push to Talk calls may only be made with other Verizon Wireless Push to Talk subscribers, and only from the National Enhanced Services Rate and Coverage Area. A Push to Talk call is terminated by pressing the End/Power Key or will automatically time out after ten (10) seconds of inactivity. If you receive a voice call while on a Push to Talk call, they will go directly to Voice Mail. When you are on a voice call, you cannot receive a Push to Talk call. You cannot prevent others who have your wireless phone number from entering you into their Push to Talk contact list. Only one person can speak at a time during Push to Talk calls. When using your phone keypad to make a Push to Talk call, you must enter the 10-digit phone number



of the called party. Your Push to Talk service cannot be used for any applications that tether your phone to computers or other devices for any purpose. Push to Talk-capable phone and service required.

Making a PTT Call

You can make two types of PTT calls:

- A **barge call** automatically connects to the other party. The receiving party does not have the option to ignore the call.
- An **alert call** sends the receiving party a tone indicating that someone wants to talk with them. The call recipient has the option to either answer or ignore the call.



Calling from PTT Contact List (Barge)

1. From the idle screen, press the PTT Key  to access your **PTT Contact List**.
2. Scroll to highlight the PTT Contact entry you wish to call.
3. Press and hold the PTT Key . Wait until the "OK to Talk" tone sounds and the message "Talking to" appears on the display. Speak while holding the PTT Key .
4. Release the PTT Key  to let the other party talk.
5. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.

Calling from PTT Contact List (Alert)

You can send an alert to any user with Verizon Wireless PTT service. The user may answer or ignore the alert.

1. From the idle screen, press the PTT Key  to access your **PTT Contact List**.
2. Scroll to highlight the PTT Contact entry you wish to call.



3. Press the Left Soft Key **[Alert]**. The message “Press PTT Key to Alert” will appear on the display.

4. Press and release the PTT Key  to alert the selected individual.

The “PTT Outgoing Alert” tone will sound, and “Alerting” will appear on the display.

5. If the called party answers the alert, “Listening to” appears on the display and you will hear the called party speaking.

If the called party chooses to ignore the alert, or if the cellphone is unavailable to accept a PTT call, an “Unavailable” message will appear on your display.

6. When the called party is finished speaking, you will hear the “Floor Available” tone and the “Connected to” screen will appear on your display.

7. Press and hold the PTT Key  to talk.

8. Release the PTT Key  to let the other party talk.

9. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.



Calling from Temp PTT Group (Barge)

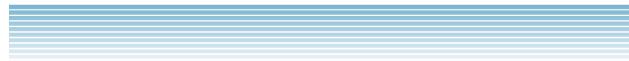
1. From the idle screen, press the PTT Key  to access your **PTT Contact List**.

2. Press the Right Soft Key **[Options]**, then press  **Temp PTT Group**.

3. Press and hold the PTT Key . Wait until the “OK to Talk” tone sounds and the message “Talking to” appears on the display. Speak while holding the PTT Key .

4. Release the PTT Key  to let the other party talk.

5. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.



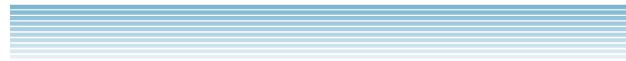
Calling from Keypad (Barge)

- 1.** From the idle screen, enter the 10-digit cellphone number of the Verizon Wireless PTT subscriber you wish to contact.
- 2.** Press and hold the PTT Key . Wait until the “OK to Talk” tone sounds and the message “Talking to” appears on the display. Speak while holding the PTT Key .
- If the cellphone number you entered is saved in your PTT Contact List, the contact name will replace the cellphone number entered on the display when you initiate the call by pressing the PTT Key .
- 3.** Release the PTT Key  to let the other party talk.
- 4.** Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.



Calling from Keypad (Alert)

- 1.** From the idle screen, enter the 10-digit cellphone number of the Verizon Wireless PTT subscriber you wish to alert.
- 2.** Press the Left Soft Key **[Alert]**.
- 3.** Press and release the PTT Key  to alert the individual. The “PTT Outgoing Alert” tone will sound, and “Alerting” will appear on the display.
- If the cellphone number you entered is saved in your PTT Contact List, the contact name will replace the cellphone number entered on the display when the alert is initiated.
- 4.** If the called party answers the alert, “Listening to” appears on the display and you will hear the called party speaking.
- If the called party chooses to ignore the alert, or if the cellphone is unavailable to accept a PTT call, an “Unavailable” message will appear on your display.



5. When the called party is finished speaking, you will hear the "Floor Available" tone and the "Connected to" screen will appear on your display.
6. Press and hold the PTT Key  to talk.
7. Release the PTT Key  to let the other party talk.
8. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.



Incoming PTT Call

Incoming PTT (Barge)

1. When your cellphone receives a barge call, you will hear the calling party speaking through the speakerphone. The calling party's cellphone number will appear on your display. If the calling party's number is saved in your PTT Contact List, the contact name will replace the cellphone number on the display.
2. Press and hold the PTT Key  to talk.
3. Release the PTT Key  to let the other party talk.
4. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.

Incoming PTT (Alert)

1. When your cellphone receives an alert, the "PTT Alert" tone will play. The message "Incoming Alert" will be displayed with the cellphone number or contact name of the calling party. The PTT Alert tone repeats every 5 seconds until it is answered or ignored. If you do not answer an incoming alert within 20 seconds, the PTT call will be automatically disconnected.
2. Answer or ignore the alert:
To answer the alert, press and hold the PTT Key  and begin talking.



To ignore the alert, press the Right Soft Key [**Ignore**].

3. Release the PTT Key  to let the other party talk.
4. Press the End/Power Key to end the call. Otherwise, it will automatically time out after ten (10) seconds of inactivity.



MEDIA CENTER

Media Center gives you customizable service right on your cellphone that lets you get Ringtones, play games, surf the web, get up-to-the-minute information and more.

You can use Media Center and download applications anywhere on the Verizon Wireless network, as long as you have a digital signal available for your cellphone.

Music & Tones

You can personalize your phone's ringtones and download music. You can select from a wide variety of genres.

Accessing the Music & Tones submenu

1. From the idle screen, press the Center Select Key [**MENU**], then select **Media Center** and press the Center Select Key [**OK**].
2. Press  **Music & Tones**.
3. Select a submenu.

V CAST Music | Rhapsody/Get New Ringtones/My Ringtones/My Music/My Sounds/Sync Music

V CAST Music with Rhapsody®

V CAST Music with Rhapsody® is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. Download V CAST Music with Rhapsody® to sync tracks, albums, and playlists to your new compatible phone, while managing your existing PC music library all in one place.



■ Purchase songs on your V CAST Music with Rhapsody® capable device*

When you purchase music from your V CAST Music with Rhapsody® capable device, you also get a second copy that can be downloaded to your PC from the V CAST Music with Rhapsody® software.

* Per-song charges apply.

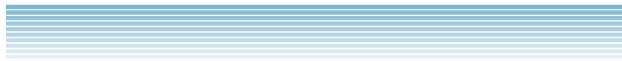
1. From the **Music & Tones** submenu, press  **V CAST Music | Rhapsody**.
2. Browse and search the V CAST Music catalog, and select the song you want.
3. To purchase the selected song, press the Center Select Key **[Buy]**.
4. The CONFIRM PURCHASE screen appears with the price and the song being purchased. To agree to the purchase, press the Center Select Key **[Buy]**.
5. Press the Center Select Key **[OK]** to select **Download now?**

Then choose to either save the song to phone memory or the memory card and press the Center Select Key **[OK]**. You will be able to play the saved song from My Music or by pressing the Right Soft Key **[Play]**.



NOTE

You may be charged for each track you download. You must be within the Coverage Area to use V CAST. V CAST may not be available in all areas.



Get New Ringtones

To connect to MEDIA CENTER and download various ringtones:

1. From the **Music & Tones** submenu, press **2 ABC Get New Ringtones**, **1 2 3 ABC Get New Applications**.
2. Follow the on screen prompts to download.

My Ringtones

To select a desired ringtone, or download a new ringtone:

1. From the **Music & Tones** submenu, press **3 DEF My Ringtones**.
2. Scroll to highlight a ringtone. You can select the following options:
 - Press the Center Select Key **[PLAY]** to play the ringtone and press the Center Select Key **[STOP]** again to stop playing the ringtone.
 - Press the Left Soft Key **[Set As]** to access the following options:
 - 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 Center Select Key **[OK]**.
 - Alert Sounds:** Press the corresponding number key to set the ringtone for one of the following:
All Messages/TXT Message/Media Message/Voicemail/PTT Alert.
 - Press the Right Soft Key **[Options]** to access the following options (These options are only available for a downloaded ringtone.):
 - Erase:** Erase the current ringtone from your phone.
 - Rename:** To edit the ringtone's title.
 - Lock/Unlock:** Lock or unlock the current ringtone in your phone.



Erase All: To erase all the ringtones in your phone.

File Info: Displays information on the selected ringtone.

My Music

To play back and manage music stored in your phone's memory or on a memory card (purchased separately):

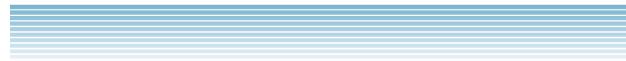
NOTE

Using the Motion Detection function, you can play the next song, return to the beginning of the song, or to the previous song just by shaking your cellphone. For more information on Motion Detection function, see page XX.



■ Playing Music with the Flip Closed

1. From the **Music & Tones** submenu, press **My Music**.
2. Close the flip.
3. To play songs, tap the Rewind key or the Fast Forward key to select one of the following menu options, then tap the Play/Pause key .
4. With music playing, you can use the touch keys to perform the following:
 - If you select Playlists, the first song of the first playlist will start playing.
 - Rewind key : Touch and hold to rewind music. Tap to go to a previous song.
 - Play/Pause key : Tap to play or pause a song.
 - Fast Forward key : Touch and hold to fast forward music. Tap to go to the next song.



■ Playing Music with the Flip Open

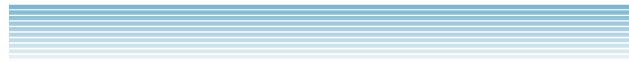
1. From the **Music & Tones** submenu, press **My Music**.
2. A Music Library screen will appear with all of the music stored in your phone's memory or on the memory card.
Genres/Artists/Albums/Songs/Playlists/Alerts/Play All/Shuffle

My Sounds

To select a desired sound:



1. From the **Music & Tones** submenu, press **My Sounds**.
2. Scroll to highlight a sound, then press the Center Select Key **[PLAY]** to hear the sound. Press the Center Select Key **[STOP]** to stop playing the sound.
3. Press the Right Soft Key **[Options]** to access the following options:
For DOWNLOADED or RECORDED SOUNDS:
Send: Sends the selected sound.
To Online Album: Uploads selected sound to picture server.
Rename: Edits the sound's title.
Move: Moves the selected sound to the other save location. (Only when a memory card is loaded in the phone)
Lock/Unlock: Locks or unlocks the selected sound in your phone.
Erase: Erases the selected sound.
Erase All: Erases all the sounds in your phone.
File Info: Displays information on the selected sound.
For PRELOADED SOUNDS:
Send: Sends a sound.
To Online Album: Uploads selected sound to picture server.
File Info: Displays information on the selected sound.



■ Recording New Sounds

To record a new sound:

1. From the **Music & Tones** submenu, press **5 JKL My Sounds**,  **Record New**.
2. Press the Center Select Key **[OK]** to begin recording. When done, press the Center Select Key **[STOP]** to finish recording. The recording is automatically saved to your My Sounds list.
3. Your recording is saved with a number. To rename your recording, scroll to it with the Directional Key, then press the Right Soft Key **[Options]**.
4. Press  **Rename**.
5. Press and hold the Clear Key  to erase the number.
6. Enter the new name for your recording, then press the Center Select Key **[OK]**.



NOTE

Press and hold the Clear Key  while displaying the idle screen to directly access the Sound Recorder function.

■ Erase Sound

To erase a sound:

1. From the **Music & Tones** submenu, press **5 JKL My Sounds**.
2. Select the sound you want to erase, and then press the Left Soft Key **[Options]**.
3. Select **Erase**, then press the Center Select Key **[OK]**. "Erase Sound?" will appear on your display.
4. Press the Center Select Key **[OK]** to select **Yes**. A confirmation message appears.

Sync your music from your PC to your V CAST Music with Rhapsody® wireless device

This option allows you to transfer music files from your PC. In order to use this option, you must install V CAST Music with Rhapsody® on your PC.

- 1.** Open V CAST Music with Rhapsody®. Don't have V CAST MUSIC with Rhapsody®? Download it for free at www.verizonwireless.com/music.
- 2.** Plug in the USB cable (purchased separately) to your cellphone and connect it to a USB port on your PC.
- 3.** From the idle screen on your phone, the SYNC MUSIC V CAST MOBILE PHONE display appears. Your phone should display the message: Connected.
- 4.** Drag and drop the song(s) you want to sync from My Library, to your V CAST Music with Rhapsody® mobile phone, listed under the Sources tab.

Once synchronization is complete, press the End/Power Key and disconnect the USB cable.

NOTE

A compatible USB cable (sold separately) is required for syncing.

Picture & Video

You can view, take and trade your digital pictures and video right from your wireless phone.

Accessing the Picture & Video submenu

1. From the idle screen, press the Center Select Key **[MENU]**.
Select **Media Center** and press the Center Select Key **[OK]**.
2. Press  **Picture & Video**.
3. Select a submenu.
**V CAST Videos/Get New Pictures/My Pictures/My Videos/
Take Picture/Record Video/Online Album**



V CAST Videos

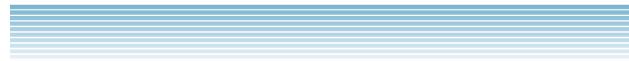
Get news and entertainment on your wireless device with streaming video clips.

NOTE

Application fees may apply. You must be within the Coverage Area to use V CAST. V CAST is not necessarily available in all areas.

■ Browsing, Selecting, and Playing Video Clips

1. From the **Picture & Video** submenu, press  **V CAST Videos**.
2. Select one of the video clip categories.
3. Select the content provider and then press the Center Select Key **[OK]** to open the selected category.
4. If subcategory selection is allowed, select a subcategory and then press the Center Select Key **[OK]**.
5. After reading the description of the video clip, press the Center Select Key **[SAVE]**.



6. Select **Yes** and then press the Center Select Key **[OK]** to start transferring the video clip. (This confirmation screen does not appear for every video clip.)
7. The video clip is played back in streaming video.

■ Downloading a Video Clip

1. Perform steps 1 through 4 under "Browsing, Selecting, and Playing Video Clips" on page XX, and select the video clip you want to download.
2. After reading the description of the video clip, press the Right Soft Key **[Options]**.
3. Press  **Save Video** and then press the Center Select Key **[OK]**.
4. Select **Yes** and then press the Center Select Key **[OK]** to start downloading the video clip.
5. After download is complete, the message "Download Complete Play Video Now?" will appear on your phone's display.
6. Select **Yes** to play the video clip.
7. The video clip is automatically saved in My Videos.

NOTE

There is no guarantee you will be able to download any particular video clip to your phone.

■ Deleting Video Clips

1. From the **Picture & Video** submenu, press  **My Videos**.
2. Select the video you want to delete, and then press the Left Soft Key **[Erase]**.
3. Press the Center Select Key **[OK]** to select **Yes**.



■ Configuring Alerts for New Video Clips

To configure alerts that will be sent whenever new clips matching a preference become available:

1. Perform steps 1 through 4 under “Browsing, Selecting, and Playing Video Clips” on page XX, then select the video clip for which you want to set an alert.
2. After reading the description of the video clip, press the Right Soft Key **[Options]**.
3. Select **Alerts** and then press the Center Select Key **[OK]**.
4. Select **Configure alerts** and then press the Center Select Key **[OK]**.
5. Select the type of alert you want and then press the Center Select Key **[OK]**.
6. Using the Directional Key, highlight **Save** and press the Center Select Key **[OK]** to sign up for the selected alert.



NOTE

Alerts are billed as incoming TXT Messages.

Get New Pictures

To connect to MEDIA CENTER and download a variety of Pictures (images):

1. From the **Picture & Video** submenu, press **Get New Pictures**, **Get New Applications**.
Media Center will launch and take you to the download menu.
2. Follow the on-screen prompts.

NOTE

The downloaded application will be included in the list displayed when you access: **MENU > Media Center > Picture & Video > Get New Pictures > Get New Applications.**

My Pictures

In My Pictures you can 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. From the **Picture & Video** submenu, press  **My Pictures**.

2. Select your desired pictures, then press the Right Soft Key **[Options]**.

3. Select one of the following options:

Send: Sends the selected picture. (Picture Message/To Online Album/Via Bluetooth)

Set As: Assigns the selected picture to display for specific tasks. (Wallpaper/Picture ID)

Take Picture: Takes a new picture.

Get New Pictures: Downloads various pictures.

Manage Pictures: Manages the pictures saved in My Pictures. (Erase/Lock/Unlock/Move To Card/Move To Phone).

Rename: Renames the selected picture.

File Info: Displays information about the selected picture. (File Name/Date/Time/Resolution/Size)

Print Via Bluetooth: Prints the selected picture via Bluetooth®.

NOTE

Using the Motion Detection function, while displaying a picture you can display the next picture or the previous picture just by shaking your cellphone. For more information on Motion Detection function, see page XX.

■ Rotate

You can rotate the pictures saved in My Pictures.

1. From the **Picture & Video** submenu, press  **My Pictures**.
2. Select your desired picture, then press the Center Select Key **[VIEW]**.
3. Press the Right Soft Key **[Options]**, then press  **Rotate**.
4. Press the Right Soft Key **[Rotate(R)]** or the Left Soft Key **[Rotate(L)]**, then press the Center Select Key **[SAVE]**. The rotated picture is stored in My Pictures.

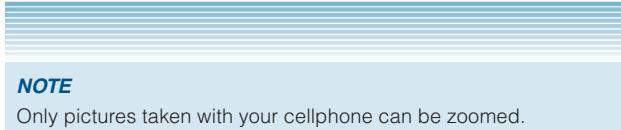
NOTE

The rotated picture is saved in My Pictures as a file separate from the original file. There are some images which can not be rotated due to the copyright protection, image size, or other reasons.

■ Zoom

You can zoom the pictures saved in My Pictures.

1. From the **Picture & Video** submenu, press  **My Pictures**.
2. Select your desired picture, then press the Center Select Key **[VIEW]**.
3. Press the Right Soft Key **[Options]**, then press  **Zoom/Pan**.
4. Press the Right Soft Key **[Zoom+]** or the Left Soft Key **[Zoom-]**. Press the Directional Key  up, down, left or right while zooming to scroll the display.

**NOTE**

Only pictures taken with your cellphone can be zoomed.

■ Resize

You can resize the pictures saved in My Pictures.

1. From the **Picture & Video** submenu, press **3 DEF My Pictures**.
2. Select your desired picture, then press the Center Select Key **[VIEW]**.
3. Press the Right Soft Key **[Options]**, then press **5 JNK Resize**.
4. Select one of the following sizes, then press the Center Select Key **[OK]**.

160 x 120 / 320 x 240 / 640 x 480 / 1280 x 960*

* The selectable size depends on the size of the image you are editing.

The resized picture is stored in My Pictures.

NOTE

- The resized picture is saved in My Pictures as a file separate from the original file.
- Only pictures taken with your cellphone can be resized.

■ Crop

You can crop the pictures saved in My Pictures.

1. From the **Picture & Video** submenu, press **3 DEF My Pictures**.
2. Select your desired picture, then press the Center Select Key **[VIEW]**.
3. Press the Right Soft Key **[Options]**, then press **6 HNC Crop**.
4. Select one of the following sizes, then press the Center Select Key **[OK]**.



160 × 120 / 120 × 160 / 320 × 240 / 240 × 320 / 640 × 480 / 480 × 640 / 1280 × 960 / 960 × 1280*

* The selectable size depends on the size of the image you are editing.

5. Select the area to crop with the Directional Key  up, down, left or right and press the Center Select Key **[SAVE]**. The cropped picture is stored in My Pictures.

NOTE

- The cropped picture is saved in My Pictures as a file separate from the original file.
- Only pictures taken with your cellphone can be cropped.



■ Erase Picture

1. From the **Picture & Video** submenu, press  **My Pictures**.
2. Select the picture you want to erase, and then press the Left Soft Key **[Erase]**. "Erase Picture from My Pictures and Settings?" will appear on your display.
3. Press the Center Select Key **[OK]** to select **Yes**. A confirmation message appears.

■ Erase All Pictures

1. From the **Picture & Video** submenu, press  **My Pictures**.
2. Press the Right Soft Key **[Options]**.
3. Press  **Manage Pictures**,  **Erase**.
4. Press the Right Soft Key **[Mark All]**, then press the Left Soft Key **[Done]**. "Erase picture from Phone?" or "Erase picture from Card?" will appear on your display.



5. Press the Center Select Key **[OK]** to select **Yes**. A confirmation message appears.

My Videos

In My Videos, you can view all the videos you have taken, store selected video in your phone, send video to the Online Album, delete video, and access additional video options.

- 1.** From the **Picture & Video** submenu, press **My Videos**.
- 2.** Select your desired videos, then press the Center Select Key **[PLAY]** to play. While the video is playing, use the following keys to control the video:
 - Volume Keys : Adjust the volume
 - Left Soft Key **[Mute/Unmute]** : Mute/Unmute
 - Right Soft Key **[File Info]** : File Info or Options
 - Center Select Key : Pause/Play
 - Directional Key up: Show full screen view/normal screen view
 - Directional Key down: Stop
 - Directional Key right: FF (while held down)
 - Directional Key left: Rewind (while held down)

NOTES

- Using the Motion Detection function, while displaying video thumbnails you can display the next page or the previous page just by shaking your cellphone. For more information on Motion Detection function, see page XX.
- When you press the Right Soft Key **[Options]** after selecting a video in My Videos, you can select the following options:
 - Send:** Sends the selected video. (Video Message/To Online Album/Via Bluetooth)
 - Record Video:** Records a new video.
 - V CAST Videos:** Accesses V CAST Videos.
 - Set As Wallpaper:** Sets the selected video as wallpaper.
 - Manage Videos:** Manages the videos saved in My Videos. (Erase/Lock/Unlock/Move To Card/Move To Phone)
 - Rename:** Renames the selected video.
 - File Info:** Displays information about the selected video. (Name/Date/Time/Duration/Size)
 - View:** Switches the view of the video list. (Thumbnail View/List View)

■ Erase Video

1. From the **Picture & Video** submenu, press  **My Videos**.
2. Select the video you want to erase, and then press the Left Soft Key **[Erase]**. "Erase Video from My Videos?" will appear on your display.
3. Press the Center Select Key **[OK]** to select **Yes**. A confirmation message appears.



■ Erase All Videos

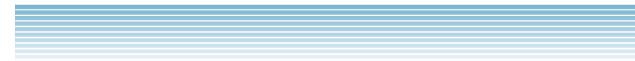
1. From the **Picture & Video** submenu, press **My Videos**.
2. Press the Right Soft Key **[Options]**.
3. Press **Manage Videos**, **Erase**.
4. Press the Right Soft Key **[Mark All]**, then press the Left Soft Key **[Done]**. "Erase video from Phone?" or "Erase video from Card?" will appear on your display.
5. Press the Center Select Key **[OK]** to select **Yes**. A confirmation message appears.



Take Picture

In Take Picture mode, you can take pictures with resolution up to 1600 × 1200.

1. From the **Picture & Video** submenu, press **Take Picture**.
2. Press the Directional Key up or down to set the brightness.
3. Press the Directional Key left or right to zoom when the resolution is either 1280 × 960, 640 × 480, 320 × 240 or 160 × 120.
4. Press the Right Soft Key **[Options]** to change the following settings:
Resolution: Selects a resolution for a picture. (1600 × 1200, 1280 × 960, 640 × 480, 320 × 240, 160 × 120)
Self Timer: Selects the camera's timer function. (Off, 3 Seconds, 5 Seconds, 10 Seconds)
Flash: Selects a flash function. (Off/On/Only This Shot)
Brightness: Adjusts the brightness. (-5 to +5)
White Balance: Selects a white balance. (Auto/Sunny/Cloudy/Tungsten/Fluorescent)
Shutter Sound: Selects a shutter sound. (Shutter/Silent)



Color Effects: Selects a color effect. (Normal/Black & White/
Negative/Sepia/Green/Aqua)

Multishot: Selects to take four consecutive pictures at 320 × 240
resolution with a single shot. (Off/On)

Night Mode: Selects Night mode. (Off/On)

Memory: Selects media to store taken picture. (Phone/Card)

Viewfinder: Selects whether to use the main display or front
display as a viewfinder. (Main Display/Front Display)

5. To take the picture, press the Center Select Key [**TAKE**].

6. Select one of following options:

- Press the Left Soft Key [**Save**] to save the picture in My Pictures.
- Press the Center Select Key [**SEND**] to save the picture in My Pictures and create a Picture Message.
- Press the Right Soft Key [**Erase**] to shoot again without saving the picture.



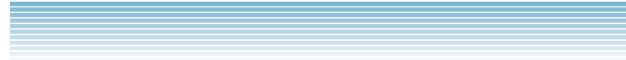
NOTES

- On the idle screen, the Camera/Video Key functions as a hot key to Take Picture.
- When using the Flash, take the Picture within about 14" to 20" from the subject.
- From Take Picture mode, you can change to Record Video mode by pressing the Camera/Video Key .

Record Video

In Record Video mode you can record video at 320 × 240 resolution with sound.

1. From the **Picture & Video** submenu, press **Record Video**.
2. Press the Directional Key up or down to set the brightness.



- 3.** Press the Directional Key  left or right to adjust the zoom.
- 4.** Press the Right Soft Key **[Options]** to adjust the following settings:
 - Recording Light:** Selects a light function. (Off/On/Only This Shot)
 - Brightness:** Adjusts the brightness. (-5 to +5)
 - White Balance:** Selects a white balance. (Auto/Sunny/Cloudy/Tungsten/Fluorescent)
 - Start Sound:** Selects a start sound. (Sound/Silent)
 - Recording Time:** Limits for Send/for Save. (60 Seconds for Video Message / 60 Minutes for Save)
 - Call Interruption:** Selects to block or allow all wireless communication while recording to avoid interruption by an incoming call, alert, etc. (Block/Allow)
 - Memory:** Selects a media to store the recorded video. (Phone/Card)
 - Viewfinder:** Selects whether to use the main display or front display as a viewfinder. (Main Display/Front Display)

- 3.** To begin recording, press the Center Select Key **[REC]**. To stop recording, press the Center Select Key **[STOP]**.
- 4.** Select either of the following options:
 - Press the Left Soft Key **[Save]** to save the video in My Videos.
 - Press the Center Select Key **[SEND]** to save the video in My Videos and create a Video Message.
 - Press the Right Soft Key **[Erase]** to record again without saving the video.

NOTES

- On the idle screen the Camera/Video Key  functions as a hot key to Record Video.
- From Record Video mode, you can change to Take Picture mode by pressing the Camera/Video Key .

Online Album

To access the Online Album:

1. From the **Picture & Video** submenu, press  **Online Album**.
The browser launches, and the Online Album sign-on screen appears.
2. Follow the on-screen prompts.



Games

To download games and applications from the MEDIA CENTER server:

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press  **Games**,  **Get new Applications**.
3. Choose the software you want from the list displayed on the screen. Follow the on-screen prompts to download.

■ Playing Downloaded Games

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press  **Games**.
3. Select the application, then press the Center Select Key **[OK]**.
4. Follow the on-screen prompts.



Mobile Web

Find the news you want or let it come to you. Now, a few seconds is all it takes to get up-to-the-minute information.

NOTE

This feature is currently unavailable outside of the United States. It is only available within the Verizon Wireless Enhanced Services Area.

Starting the Dashboard

1. From the idle screen, press the Directional Key up to launch Dashboard.
2. Select Mobile Web or Get Channels and press the Center Select Key **[OK]**. Follow the on-screen prompts.

Starting the Mobile Web

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press **Mobile Web**. The Dashboard screen launches.
3. Select **Mobile Web** and press the Center Select Key **[OK]**.

The browser launches.

Ending a Browser Session

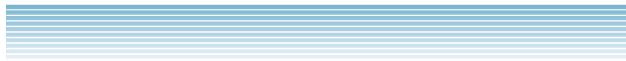
End a Browser session by pressing the End/Power Key.

Navigating Through the Browser

On-screen items may be presented in one of the following ways:

- **Numbered options**

To select an option you can either use the numeric keypad to choose the corresponding menu item, or press the Directional Key



Ⓐ up or down to select the item then press the appropriate Soft Key or the Center Select Key.

- **Links embedded in content**

You can act on the options or the links by pressing the Soft Keys just below the display screen.

- **Text or numbers**

You can select the items by pressing the Directional Key Ⓐ up or down, then press the appropriate Soft Key or the Center Select Key.

Scrolling

Press the Directional Key Ⓐ up, down, left or right to scroll through the content if the current page does not fit on the screen. The currently selected item is indicated by a cursor on the screen.



Home Page

To go to the Home Page, press the Clear Key .

Soft Keys

To navigate to different screens or select special functions, use the Soft Keys. The function associated with the Soft Keys can change for each page and depends on each highlighted item.

- **Left Soft Key:** Accesses the option displayed above it.
- **Right Soft Key:** Accesses the Main Menu.

Entering Text, Numbers or Symbols

When prompted to enter text, the current text entry method appears above the Right Soft Key as **Abc, Symbol, Number, T9 Word** or **T9 Palabra**.



To change the input mode, press the Right Soft Key. To enter an upper case character, press .

The current text method appears above the Right Soft Key as **Abc** (initial capital letters), **ABC** (all capital letters) or **abc** (all lower case letters) and allows you to shift input case sensitivity.

Deleting Text/Number Entered

When entering text or numbers, press the Clear Key  to clear the last number, letter, or symbol. Press and hold the Clear Key  to delete the entire word or number.

Initiating a Phone Call from the Browser

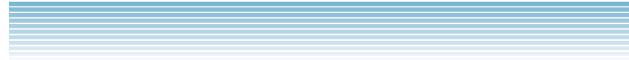
You can make a phone call from the Browser if the site you are using supports the feature (the phone number may be highlighted and the Left Soft Key appears as **Call**). The browser connection is terminated when you initiate the call. After you end the call, your phone immediately returns to the screen from which you initiated the call.

Browse & Download

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

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press  **Browse & Download**.
3. Press the Center Select Key **[OK]** for **Get New Applications**.

Follow the on-screen prompts.



VZ NavigatorSM

Now you can find the address of a great restaurant or the nearest ATM. Check movie times. Discover the latest hot spots. And know exactly how to get where you're going. VZ Navigator puts all the advanced features of the latest GPS devices and systems on your wireless device — at a fraction of the price.

1. From the idle screen, press the Center Select Key **[MENU]**, then select **VZ Navigator** and press the Center Select Key **[OK]**.
2. Follow the on-screen prompts.

NOTES

- To use VZ Navigator, you must set Location to Location On. See page XXX.
- Download, subscription, and airtime required for use; only in National Enhanced Services Coverage Area; accuracy and completeness of information is not guaranteed; information about location of device will be used to deliver service.



Extras

To download Applications:

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press  **Extras**.
3. Press the Center Select Key **[OK]** for **Get New Applications**.

Follow the on-screen prompts.



Info

To view App. Memory, Phone Memory, View Log, and Help information:

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Media Center** and press the Center Select Key **[OK]**.
2. Press the Right Soft Key **[Info]**.
3. Select one of the following settings, and then press the Center Select Key **[OK]**.

App. Memory/Phone Memory/View Log/Help

MESSAGING

Accessing the Messaging submenu

1. From the idle screen, press the Center Select Key [**MENU**], then select **Messaging** and press the Center Select Key [**OK**].
2. Select a submenu.

**New Message/Inbox/Sent/Drafts/Voicemail/Visual Voice
Mail/Mobile IM/Email/Chat**

NOTES

- On the idle screen, the Left Soft Key [**Message**] functions as a hot key to access the Messaging submenu.
- You can make a call to the callback number by pressing the Send Key during a message check.
- When **By Contact** is selected for **Inbox View** in Message Settings, **Messages** folder will appear in the **Messaging** submenu instead of **Inbox** folder and **Sent** folder. For more information on the **Messages** folder, see page XX.

MESSAGING

New Message Alert

There are two ways your cellphone alerts you to new messages:

1. The cellphone displays a message on the screen.
2. The message icon (✉/👤) appears on the display screen.
In the case of an urgent message, the icon will flash and NEW Message appears.

NOTE

If you receive the same text message twice, your cellphone deletes the older one and the new one is stored as a Duplicate.

New Message

Allows you to send messages (Text, Picture, Video, and Voice). Each message has a destination (Address) and information (Message). These are dependent upon the type of message you want to send.

Sending a Text Message

1. From the **Messaging** submenu, press  **New Message**,  **TXT Message**.
2. Enter the phone number or e-mail address of the recipient.
By pressing the Right Soft Key **[Add]** in the **To** field you can choose from the following:
 - From Contacts:** Search for a phone number which is stored in the Contact List.
 - Recent Calls:** Search the phone number which is stored in the Recent Calls.
 - Groups:** Search the groups stored in the Contact List.
 - To Online Album:** To send pictures by using online Address.
(This option only appears for a Picture/Video/Voice Message)
 - To Contacts:** To store the phone number in the Contact List.
 - To PTT Contacts:** To store the phone number in the PTT Contact List.
3. Press the Center Select Key **[OK]**.
4. Type your message.
5. Press the Center Select Key **[SEND]**.
A sending screen appears.

NOTE

If you send a Text message to a phone without Text capabilities, you will still be notified that the message was sent, however the message will not be received.



Sending a Picture Message

1. From the **Messaging** submenu, press **New Message**, **Picture Message**.
2. Enter the phone number or e-mail address of the recipient.
3. Press the Center Select Key **[OK]**.
4. Type your message.
5. Scroll to highlight the **Picture** field, then press the Left Soft Key **[My Pics]**.
6. Select the picture you want to include in your message, then press the Center Select Key **[OK]**.
7. Scroll to and make adjustments to any additional fields.
8. Press the Center Select Key **[SEND]**.

A sending screen appears.



Sending a Video Message

1. From the **Messaging** submenu, press **New Message**, **Video Message**.
2. Enter the phone number or e-mail address of the recipient.
3. Press the Center Select Key **[OK]**.
4. Type your message.
5. Scroll to highlight the **Video** field and Press the Left Soft Key **[My Videos]**.
6. Select the video you would like to add to your message, then press the Center Select Key **[OK]**.
7. Scroll to and make adjustments to any additional fields.
8. Press the Center Select Key **[SEND]**.

A sending screen appears.



Sending a Voice Message

- 1.** From the **Messaging** submenu, press **New Message**, **Voice Message**.
- 2.** The RECORD NEW screen appears. Press the Center Select Key **[OK]** to record a sound. Press the Center Select Key **[STOP]** to end recording.
- 3.** Enter the phone number or e-mail address of the recipient.
- 4.** Press the Center Select Key **[OK]**.
- 5.** Type your message.
- 6.** Scroll to and make adjustments to any additional fields.
- 7.** Press the Center Select Key **[SEND]**.

A sending screen appears.

Customizing the Message Using Options

You can customize a new Text Message, Picture Message, Video Message or Voice Message, by pressing the Right Soft Key **[Options]** to access the following features.

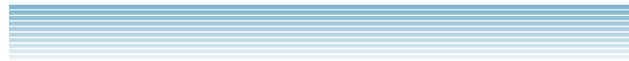
NOTE

These options vary depending on the type of message you are sending.

Insert Quick Text: Inserts Quick Text into a message.

Add: Allows you to add a **Graphic**, **Animation**, **Sound**, **Signature**, **Name Card** or **Contact**.

(Add option only appears for a Text Message. Signature option appears only when Signature is set to Custom in Message Settings and "No" is selected for the confirmation message "Insert Signature for all Messages?".)



Preview: Displays the Picture/Video message as it would be seen by the recipient. (This option only appears for a Picture/Video Message)

Review: Playbacks the recorded voice to hear the Voice message as it would be heard by the recipient. (This option only appears for a Voice Message)

Save Quick Text: Saves the text to the Quick Text list. Quick Text can save up to 100 characters per phrase.

Format Text: Allows you to change the look of the text.

Alignment/Font Size/Font Style/Text Color/Background

(This option only appears for a Text Message)

Save As Draft: Saves the message into the Drafts folder.

Add Slide: Inserts multiple pictures into a message. (This option only appears for a Picture Message)

Add Signature: Inserts the signature text into a message.

(This option only appears for a Picture/Video/Voice Message, and only when Signature is set to Custom in Message Settings and "No" is selected for the confirmation message "Insert Signature for all Messages?".)

Priority Level: Assigns a priority to the message.

High/Normal

Callback #: Inserts a pre-programmed callback number in your message.

On/Off/Edit

(This option only appears for a Text Message)

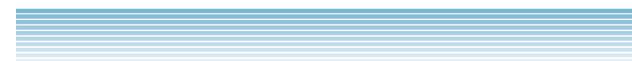
Remove Picture: Removes the picture from the message.

(This option only appears for a Picture Message)

Remove Sound: Removes the sound from the message.

(This option only appears for a Picture Message)





Remove Slide: Removes the slide from the message.

(This option only appears for a Picture Message)

Remove Video: Removes the video from the message.

(This option only appears for a Video Message)

Remove Recording: Removes the recorded voice message. (This option only appears for a Voice Message)

Cancel Message: Cancels message editing and returns to the Messaging submenu.

Complete and then send or save the message.

Using Contacts to Send a Message

To select an entry saved in your Contacts as the recipient instead of manually entering the address:

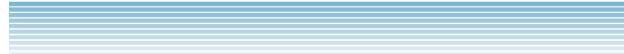
1. From the **Messaging** submenu, press **1 New Message**.
2. Press **1 TXT Message** or **2 Picture Message** or **3 Video Message** or **4 Voice Message**.
3. Press the Right Soft Key **[Add]**.
4. Press **1 From Contacts**.
5. Scroll to highlight the Contact entry containing the destination, then press the Center Select Key **[MARK]**.
6. Press the Left Soft Key **[Done]** then press the Center Select Key **[OK]** to go to the **Text** field.

NOTE

You can send a message to up to ten people at a time.

7. Scroll to and make adjustments to any additional fields.
8. Press the Center Select Key **[SEND]**.

A sending screen appears.



Inbox

Your cellphone alerts you in the following 3 ways when you receive a new Text, Picture, Video, or Voice message:

- By displaying a message notification on the screen.
- By sounding a beep or vibrating (if Vibrate Mode is set).
- A blinking  icon appears. (Only when you get a high priority message)

Received messages are displayed from newest to oldest.

To display received messages:

1. From the **Messaging** submenu, press  **Inbox**.
2. Select a received message. You can select one of the following options:

- To view contents of the selected message, press Center Select Key **[OPEN]**.
- To erase the selected message, press the Left Soft Key **[Erase]**.
- Press the Right Soft Key **[Options]** to select one of the following options:

Reply: Replies to the selected message. (TXT Message/ Picture Message/Video Message/Voice Message)

Reply w. Copy: Replies to the Text message with the original message attached.

Forward: Forwards a received message to other destination address(es).

Add To Contacts: Stores the callback number, e-mail address, and numbers from the address of the received message into your Contacts.

Add To PTT Contacts: Stores the callback number and numbers from the address of the received message into the PTT Contacts.



NOTES

- Locked messages cannot be deleted by the Erase Inbox and Erase All functions.
- If memory is full, no more messages can be received until enough memory space becomes available.
If memory is over 80% full, one of the following warning messages will appear.

Text	MEMORY FULL TEXT MSG xx% FULL
Pictures/Videos	MEMORY FULL PIX MSG xx% FULL
Pictures/Videos Notification	MEMORY FULL PIX NOTI xx% FULL

Sent

Storage space may be affected due to the combined size and content of all messages.

To display sent messages:

1. From the **Messaging** submenu, press **3 DEF Sent**.



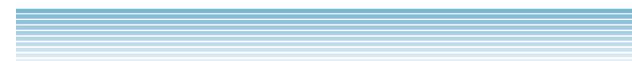
2. Select a sent message. You can select one of the following options:

- To view contents of the selected message, press the Center Select Key **[OPEN]**.
- To erase the selected message, press the Left Soft Key **[Erase]**.
- Press the Right Soft Key **[Options]** to select one of the following options:
Forward: Forwards a sent message to other destination address(es).
Resend: Allows you to resend the selected message.
Lock (Unlock): Locks or unlocks the selected message. Locked messages cannot be deleted by the Erase Sent and Erase All functions.
Add To Contacts: Stores the callback number, e-mail address, and numbers from the address of the sent message into your Contacts.
Add To PTT Contacts: Stores the callback number and the numbers from the address of the sent message into the PTT Contacts.
Erase Sent: Deletes all the messages except locked messages.
Message Info: Allows you to check the sent message information.



Messages

When **By Contact** is selected for **Inbox View** in Message Settings, **Messages** folder will appear in the **Messaging** submenu instead of **Inbox** folder and **Sent** folder.



Messages folder displays all messages sent and received from a same contact together.

NOTE

For information about how to configure the Inbox View setting, see page XXX.

1. From the **Messaging** submenu, press  **Messages**.
2. Select a contact. You can select one of the following options:
 - To view list of messages received from/sent to selected contact sorted by time, press the Center Select Key **[OPEN]**.
 - To reply to the contact, press the Left Soft Key **[Reply]**.
 - Press the Right Soft Key **[Options]** to select one of the following options:
Reply: Replies to the selected contact. (TXT Message/Picture Message/Video Message/Voice Message)
Add To Contacts: Stores the callback number, e-mail address, and numbers from the address of the sender/recipient into your Contacts. (This option is available only if the sender/recipient is not in your Contacts.)
Add To PTT Contacts: Stores the callback number and numbers from the address of the sender/recipient into your PTT Contacts.
Compose New: XXXXXXXXXXXXXXXXXXXXXXXX.
Erase: XXXXXXXXXXXXXXXXXXXXXXXX.
Sort Alphabetically: Temporarily sorts list of contacts in alphabetical order by sender/recipient name. When list of contacts is sorted alphabetically, you can search the contact entering a name or beginning letters of a name in the Go To Field at the bottom of the screen. (This option does not appear



when list of contacts in the Messages folder is displayed in alphabetical order.)

Sort Time: Sorts list of contacts by sent/received time. (This option does not appear when list of contacts in the Messages folder is displayed by time.)

Sort by Size: Temporarily sorts list of contacts by size (cumulative size of all the messages sent to/received from the same contact) in descending order. (This option does not appear when list of contacts in the Messages folder is displayed by size.)



Drafts

To display draft messages:

1. From the **Messaging** submenu, select **Drafts** and then press the Center Select Key **[OK]**.

2. Select a draft message. You can select one of the following options:

- To edit the selected message, press the Center Select Key **[EDIT]**.

- To erase the selected message, press the Left Soft Key **[Erase]**.

- Press the Right Soft Key **[Options]** to select one of the following options:

Send: Allows you to send the selected message.

Lock (Unlock): Locks or unlocks the selected message.

Locked messages cannot be deleted by the Erase Drafts and Erase All functions.

Add To Contacts: Stores the callback number, e-mail address, and numbers from the address included in the draft message into your Contacts.



Add To PTT Contacts: Stores the callback number and numbers from the address of the draft message into the PTT Contacts.

Erase Drafts: Deletes all the messages except locked messages.

Voicemail

Your cellphone will alert you when you have a new voice message. To view new voice messages recorded in the Voicemail box:

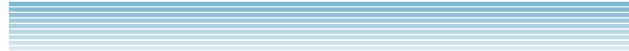
1. From the **Messaging** submenu, select **Voicemail** and then press the Center Select Key **[OK]**.
2. Options include:
 - Press the Left Soft Key **[Clear]** to select Clear the Voicemail Counter. Select **YES**, then press the Center Select Key **[OK]**.
 - Press the Send Key or the Center Select Key **[CALL]** to listen to the message(s).

Visual Voice Mail

Visual Voice Mail allows the management of voice mail directly from the device rather than accessing voice mail via traditional method(s). Visual Voice Mail displays a list of messages and allows the user to choose which message to listen to or erase, without having to dial into their mailbox, listen to voice instructions, or prior messages.

To access Visual Voice Mail:

1. From the **Messaging** submenu, select **Visual Voice Mail** and then press the Center Select Key **[OK]** to access the Visual Voice Mail application for download, and future use.
2. Follow the on-screen prompts.



Mobile IM

Instant message with AOL® Instant Messenger™, Windows Live™ Messenger and Yahoo!® Messenger.

To send and receive an Instant Message:

1. From the **Messaging** submenu, select **Mobile IM** and then press the Center Select Key **[OK]**.
Mobile IM launches.
2. Press the Left Soft Key **[Accept]** to accept the terms & conditions.
3. Press the Directional Key **④** left or right to select your instant message community, then press the Center Select Key **[OK]**.
4. To send and receive an instant message, follow the on-screen prompts and functions.



Email

To read and send e-mails from your e-mail accounts:

1. From the **Messaging** submenu, select **Email** and then press the Center Select Key **[OK]**.
2. Select one of the following options, then press the Center Select Key **[OK]**.
Mobile Email: To access the Mobile Email application for download, and future use.
Mobile Web Mail: To access the Mobile Web Mail.
3. To send an e-mail, follow the on-screen prompts and functions.

Chat

To chat with Internet Messenger users:

1. From the **Messaging** submenu, select **Chat** and then press the Center Select Key **[OK]**.
The browser launches.

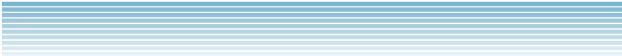


2. Select one of the displayed chat rooms, then press the Center Select Key **[OK]**.
3. To chat with Internet Messenger users, follow the on-screen prompts and functions.

Message Settings

To configure message settings:

1. From the **Messaging** submenu, press the Left Soft Key **[Settings]**.
2. You can select one of the following settings:
 - Inbox View:** Inbox View By Time will display all messages in the Inbox sorted by time received. Inbox View By Contact will display all messages sent and received from a Contact sorted by time.
(By Time/By Contact)
 - Entry Mode:** Selects the default input method. (T9 Word/Abc/ABC/123/T9 Palabra)
 - Auto Save Sent:** Automatically stores, sent text messages in the Sent folder. (On/Off/Prompt)
 - Auto Erase Inbox:** Automatically erases, read/unlocked messages when the storage limit is reached. (On/Off)
 - Messaging Font Size:** Selects the font size for the message.
(Small/Normal/Large)
 - TXT Auto View:** Allows you to directly display the content when receiving a message in the idle screen. (On/Off)
 - Multimedia Auto Receive:** Allows you to directly download the content when receiving a Picture/Video/Voice message. (On/Off)
 - Quick Text:** Allows you to display, edit, and add text phrases. These text strings allow you to reduce manual text input into messages. A saved Quick Text can be up to 100 characters long.


Voicemail #: Allows you to manually enter the access number for Voicemail Service (VMS). This number should be only used when a VMS access number is not provided by your network.

Callback #: Automatically sends a designated callback number when you send a text message. (Off/On)

Signature: Allows you to make/edit a signature to automatically send with your Text messages. (None/Custom)

Delivery Receipt: Requests to receive the Delivery Acknowledgement or Delivery Report for all the messages sent. (On/Off)

NOTES

- When "T9 Word" is selected for Entry Mode, text can be input using the T9 Word mode. For details about the T9 Word mode, see page XX.
- The entry mode you select is also applied to the Notepad and the Calendar.

 **MESSAGING**

Message Erase

To erase all messages stored in your Inbox, Drafts or Sent folders:

1. From the **Messaging** submenu, press Right Soft Key **[Options]** to access the following options:
 - Press  **Erase Inbox** to erase all messages stored in the Inbox. Then select **All (read and unread) Messages** or **Only Read Messages**, press the Center Select Key **[OK]**.
 - Press  **Erase Sent** to erase all messages stored in the Sent Folder. Select **Yes** and press the Center Select Key **[OK]**.
 - Press  **Erase Drafts** to erase all messages stored in the Drafts folder. Select **Yes** and press the Center Select Key **[OK]**.



- Press  **Erase All** to erase all messages stored in the Inbox, Sent, and Drafts folders. Then select **All Messages including Unread** or **All except Unread Messages**, press the Center Select Key **[OK]**.

2. A confirmation message appears.

NOTE

Locked, Unread or MMS notification messages cannot be erased.



SETTINGS & TOOLS

The Settings & Tools menu has options to customize your cellphone.

My Verizon

Allows you to access your account information.

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press  **My Verizon**.

The browser will launch.

Once connected, the VZW My Verizon page will be displayed. To exit the browser at any time and return to the idle screen, press the End/Power Key.

NOTES

- From the idle screen, you can directly access the My Verizon feature by pressing the Directional Key  left.
- Airtime is free when accessing My Verizon.

SETTINGS & TOOLS

Tools

Accessing the Tools submenu

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press  **Tools**.
3. Select a submenu:
Voice Commands/Calculator/Calendar/Alarm Clock/Stop Watch/Countdown Timer/World Clock/Notepad/USB Mass Storage/G'zGEAR

Voice Commands

The Voice Commands tool allows you to make cellphone calls quickly and easily by verbal command. Your cellphone recalls the number from your Contacts, displays it briefly, and then dials it.

NOTES

- You can directly access the Voice Commands function by pressing the Voice Commands Key .
- Pressing the Left Soft Key **[Info]** or saying the word “Information” displays and reads out a detailed explanation about the currently selected voice command (when Readout is selected as the Prompts mode).

1. From the **Tools** submenu, press,  **Voice Commands**.
2. Follow the prompts to use your voice command(s).

The following is a list of functions that you can perform using Voice Commands tool.

Call <Name or Number>: To make a call, say, “Call,” and the command system will prompt you for the name or number. If the contact has more than one number, the system will prompt you for the number type. You can state the name and number type of the contact (for example, “Call John Work”) to access the contact’s phone number directly.

Send <Message Type>: To create a message, say, “Send,” and the command system will prompt you for the type of message you want to send. You can state the name and number of the contact, the message type, and the contact name, number, or group (for example, “Send text message to Bob”) and the message will automatically start. If the name has more than one number, the system will prompt you for the number type.

Go To <Menu>: The "Go To" command allows you to access a menu within the cellphone (for example, "Go to Contact"). If no menu option is stated, a list of options will be provided.

Check <Item>: The "Check" command allows you to access device information including the Status, Voicemail, Messages, Missed Calls, Time, Signal Strength, Battery Level, Volume, Balance, Minutes, Payment, and My Number (for example, "Check Battery"). If no menu option is stated, a list of options will be provided.

Contact <Name>: The "Contact" command allows you to access information for a contact. For example, saying, "Contact Bob Smith," will provide all entered information for that contact. When using the "Contact" command, if no name is provided, the system will prompt you twice for the name and then the full contact list will appear.

Redial: The "Redial" command allows you to make a call to the last number that you call.

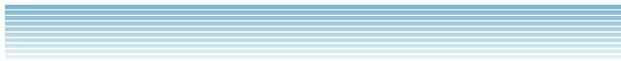
Play <All Songs/Playlistname>: The "Play" command allows you to play songs or videos by stating individual music or video files by stating the file name.

My Verizon: The "My Verizon" command allows you to access information about your Verizon Wireless account (for example, balance, minutes, usage, and payment information).

Help: Help displays general information about how to use Voice Commands.

■ Voice Commands Settings

1. From the **Tools** submenu, press  **Voice Commands**.
2. Press the Right Soft Key **[Settings]**.
3. Select one of the following options:



Confirmation: Automatic/Always Confirm/Never Confirm

Sensitivity: More Sensitive/Automatic/Less Sensitive

Adapt Voice: Adapts digit dialing and name dialing to your voice.

Prompts: Mode/Audio Playback

For Mode, set **Prompts/Readout + Alerts/Readout/Tones**

Only.

For Audio Playback, set **Speakerphone/Earpiece**.

Info: Displays version information, etc.

Calculator

The Calculator allows you to perform simple mathematical calculations.

You can enter numbers with up to six decimal places. You can input a calculation that is up to three display lines long.

1. From the **Tools** submenu, press **2 ABC Calculator**.

2. You can input arithmetic operators using the following keys.

- Directional Key **①** up: +
- Directional Key **④** right: ×
- Directional Key **③** left: ÷
- Directional Key **②** down: –
- Center Select Key : =

NOTE

To insert a decimal, press **.***. To insert ±, press **#±**. For example:

1. Press **123.**, **0 next**, press the Directional Key **①** up, **5 JKL**, then press the Directional Key **②** down, **5 JKL**, **#±**. “10+5-(-5)” is displayed.

2. Press the Center Select Key **[=]**, the answer “20” will be displayed.

Calendar

The Calendar tool provides easy and convenient access to your schedule.

Simply store your events and your cellphone will alert you to them.

NOTE

You can directly access the Calendar feature by pressing the Directional Key  down.

■ Adding a New Event

1. From the **Tools** submenu, press  **Calendar**.
2. Scroll to highlight the scheduled day.
3. Press the Left Soft Key **[Add]**.
4. Enter the Appointment Name.
5. Scroll to highlight the information field (**Start Date & Time, End Date & Time, Time Zones, Recurrence, or Alert**), then press the Left Soft Key **[Set]** to view your choices.
6. Scroll to highlight a setting and set information, then press the Center Select Key **[OK]**.
7. Press the Center Select Key **[SAVE]** after setting all of the applicable Event Fields.

■ Viewing and Editing Event Details

1. From the **Tools** submenu, press  **Calendar**.
2. Scroll to highlight the day on which an event is registered, and then press the Center Select Key **[View]**.
3. Scroll to highlight an event, then press the Center Select Key **[VIEW]**.
4. If you need to edit event details, press the Center Select Key **[EDIT]**. To erase an event, press the Left Soft Key **[Erase]**. With



Yes highlighted, press the Center Select Key **[OK]** to erase the calendar event.

Alarm Clock

The Alarm Clock tool allows you to set up to three alarms.

When you set an alarm, the current time is displayed. When the alarm goes off, Alarm 1 (or 2 or 3, as applicable) will be displayed on the screen and the alarm will sound.

■ Setting an Alarm

1. From the **Tools** submenu, press  **Alarm Clock**.
2. Select an Alarm (1, 2, or 3), then press the Center Select Key **[OK]**.
3. Enter the alarm information including:
 - On/Off
 - Time
 - Frequency
 - Ringer
4. Scroll to highlight the information you want to set, then press the Left Soft Key **[Set]** to view your choices.
5. Set information and press the Center Select Key **[OK]**.
6. Press the Center Select Key **[SAVE]** after setting all of the applicable Alarm Fields.

■ Disabling an alarm before it sounds

1. From the **Tools** submenu, press  **Alarm Clock**.
2. Select an alarm, then press the Right Soft Key **[Options]**.
3. Select one of the following options:

Turn Off: Turns off the highlighted alarm.

Reset Alarm: Resets the highlighted alarm.



Reset All: Resets all of the alarms.

Stop Watch

1. From the **Tools** submenu, press **Stop Watch**.
2. Press the Center Select Key **[START]** to start the stop watch.
 - Press the Center Select Key **[STOP]** to stop the watch.
 - Press the Right Soft Key **[Lap]** to lap the time.
 - Press the Left Soft Key **[Reset]** to reset the time.

Countdown Timer

1. From the **Tools** submenu, press **Countdown Timer**.
2. Select a countdown timer, then press the Right Soft Key **[Edit]**.
3. Edit the countdown time, then press the Center Select Key **[SET]**.
4. Press the Center Select Key **[START]** to start the countdown timer.
 - Press the Center Select Key **[STOP]** to stop the countdown timer.
 - Press the Left Soft Key **[Reset]** to reset the countdown timer.



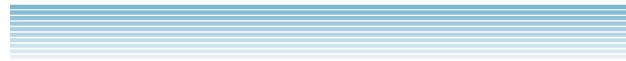
World Clock

To determine the current time in another time zone or country:

1. From the **Tools** submenu, press **World Clock**.
2. Press the Directional Key left or right to view the time in different cities. To view a list of the cities, press the Right Soft Key **[Cities]**.

NOTE

Press the Left Soft Key **[Set DST]**, to apply Daylight Savings Time.



Notepad

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

■ Adding a New Note

1. From the **Tools** submenu, press **Notepad**.
2. Press the Left Soft Key **[Add]** to write a new note. When you are done, press the Center Select Key **[SAVE]**.

■ Viewing and Editing a Note

1. From the **Tools** submenu, press **Notepad**.
2. Select a note, then press the Center Select Key **[VIEW]**.
3. If you need to edit the note, press the Center Select Key **[EDIT]**.
4. Edit the note. When you are done, press the Center Select Key **[SAVE]**.

NOTE

You can erase the note by pressing the Left Soft Key **[Erase]** in step 3.

USB Mass Storage

Allows you to transfer data from your cellphone to your Windows® XP or Windows Vista™ PC or vice versa when your cellphone is connected to your PC with a compatible USB cable (purchased separately).

1. From the **Tools** submenu, press **USB Mass Storage**.
2. Plug in the USB cable to your cellphone and connect it to a USB port on your PC.

NOTES

- Mac OS operating system is not supported.
- You can select this menu only when a memory card is loaded in the cellphone.
- When using USB Mass Storage you will not be able to receive or make calls. Unplug the USB cable from your cellphone to enable calls.

G'zGEAR

G'zGEAR provides six useful tools for outdoor activities.

Warning!

Do not use G'zGEAR while engaging in dangerous sport.

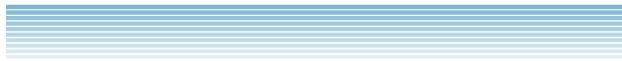
NOTES

- When G'zGEAR Key is set to G'zGEAR (default) for Set Shortcuts from the Phone Settings, pressing the G'zGEAR Key from the idle screen activates the G'zGEAR with the flip either open or closed
- When there is a problem with the Motion Detection, a message indicating that there may be a Motion Detection failure is displayed and G'zGEAR will not start.

EARTH COMPASS

In COMPASS mode, the direction measured with the built-in electronic compass is displayed.

In WORLD NATURE mode, the compass and natural objects in the direction the cellphone is facing are displayed on the screen.



1. From the **Tools** submenu, press **G'zGEAR**, **EARTH COMPASS**.
2. The following keys are available in the EARTH COMPASS:
 - Directional Key left or right: Switches the mode.
 - Directional Key up or down: Selects the natural object in the direction the cellphone is facing to measure the distance to that object. (Only in WORLD NATURE mode)
 - Center Select Key **[GPS]**: Measures the current position with GPS.
 - Right Soft Key **[SUBMENU]**: Displays the following options:
EXPLANATION OF TOOLS: Displays the description of the EARTH COMPASS tool.
COMPASS: Switches to COMPASS mode.
WORLD NATURE: Switches to WORLD NATURE mode.
UPDATING GPS DATA: Measures the current position with GPS.
 - Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

NOTES

- The EARTH COMPASS cannot be used while the cellphone is being charged.
- When using the electronic compass, orient the cellphone so its keypad is horizontal. The direction measurement error increases when the keypad of the cellphone is tilted.
- Any of the following actions can create accuracy issues with the electronic compass. If any of these occur, perform the calibration as soon as possible.
 - Opening and closing the flip immediately after starting up the electronic compass.
 - Using the cellphone near a strong magnet.

- Leaving the cellphone for a long time in an area with extreme temperature change.
- Allowing the cellphone to become magnetized.
- To calibrate the electronic compass, hold the cellphone firmly and move the cellphone in the shape of a large figure eight as shown in the illustration to the right for about five seconds.
- The electronic compass uses the Earth's magnetic field to determine direction. The direction readings produced by the electronic compass can be different from actual compass readings due to environment and temperature conditions.
- Direction readings taken in any of the following locations may result a large margin of error.
 - Near buildings (especially ferro-concrete structures), large metal objects (trains, motor vehicles, etc.), high-voltage power lines, or overhead wires
 - Near metal objects (desks, lockers, etc.), household appliances (TVs, computers, speakers, etc.), or permanent magnets (magnetic necklaces, etc.)

If you suspect a reading error, move away from the above locations and try again.



WALKING COUNTER

In PEDOMETER mode, the number of steps you walked in a day is measured with the pedometer to display the distance you walked and the estimated amount of calories you burned.

In VIRTUAL TREK mode, the amount of trail you traveled is displayed based on the distance calculated from the number of



steps. The current position on the trail, the achieved percentage, and the milestones on the trail are displayed on the screen.

1. From the **Tools** submenu, press **0 WEEK** **G'zGEAR**, **2 ABC** **WALKNG COUNTER**.

2. The following keys are available in the WALKNG COUNTER:

- Directional Key **↶** left or right: Switches the mode.
- Directional Key **↷** up or down: Selects the date.
- Center Select Key **[WEEK/MONTH/DAY]**: Switches to display the total number of steps walked by weeks, months or days. (Only in VIRTUAL TREK mode)
- Right Soft Key **[SUBMENU]**: Displays the following options:

EXPLANATION OF TOOLS: Displays the description of the WALKING COUNTER tool.

PEDOMETER: Switches to PEDOMETER mode.

VIRTUAL TREK: Switches to VIRTUAL TREK mode.

TRAIL SELECTION: Selects the trail to walk in VIRTUAL TREK mode.

DELETE PEDOMETER DATA: Deletes today's data or all past data measured with the pedometer.

PEDOMETER SETTINGS: Enter your height, weight, age, and gender to calculate the traveled distance and burned calories from your steps.

PEDOMETER ON/OFF SETTINGS: Set whether to count your steps with the pedometer.

- Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

NOTES

- The pedometer counts your steps while the cellphone power is ON.
- The pedometer detects the small vibrations generated when you are walking or jogging and counts them as steps. The error of the count increases if your steps cannot be detected normally or if vibration other than from walking or jogging is detected.

TEMPERATURE GAUGE

The temperature gauge displays the current temperature in Fahrenheit and Celsius.

1. From the **Tools** submenu, press  **G'zGEAR**,  **TEMPERATURE GAUGE**.
2. The following keys are available in the TEMPERATURE GAUGE:
 - Right Soft Key **[SUBMENU]**: To access the following options:
EXPLANATION OF TOOLS: Displays the description of the TEMPERATURE GAUGE tool.
 - Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

NOTES

- The TEMPERATURE GAUGE cannot be used while the cellphone is being charged.
- Expose the cellphone to open air and wait until the measurement result stabilizes.
- The temperature sensor is influenced by factors such as your body temperature, heat of the cellphone itself, direct sunlight, and moisture. Use it under condition that is not influenced by heat other than air temperature.

TIDES

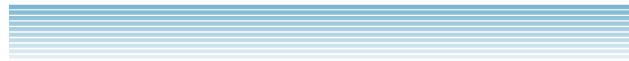
The time of ebb and flood tide and the time of sunrise and sunset are displayed.

The ONE-DAY VIEW mode displays the tidal graph for a single day. The CURRENT VIEW mode displays the current tide and the time appropriate for fishing.

1. From the **Tools** submenu, press  **G'zGEAR**,  **TIDES**.
2. The following keys are available in the TIDES:
 - Directional Key  left or right: Switches the mode.
 - Directional Key  up or down: Changes the date for displaying the information.
 - Center Select Key **[LOCATION]**: Changes the location for displaying the information. Continue by pressing the Right Soft Key **[GPS]** to measure the current location and select the nearest site.
 - Right Soft Key **[SUBMENU]**: Displays the following options:
EXPLANATION OF TOOLS: Displays the description of the TIDES tool.
ONE-DAY VIEW: Switches to ONE-DAY VIEW mode.
CURRENT VIEW: Switches to CURRENT VIEW mode.
SELECT YOUR LOCATION: Same as the key **[LOCATION]** above.
• Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

NOTES

- The tidal information is subject to error.
- Do not use it for navigation.



SUNRISE SUNSET

The time of sunrise and sunset is displayed.

The TRACKING mode displays the position of the sun.

The DAY/NAGIHT mode displays the ratio of day and night in numeric and graphics.

1. From the **Tools** submenu, press **G'zGEAR**,

SUNRISE SUNSET.

2. The following keys are available in the SUNRISE SUNSET:

- Directional Key : Switches the mode.
- Directional Key : Changes the date for displaying the information.
- Center Select Key **[LOCATION]**: Changes the location for displaying the information. Continue by pressing the Right Soft Key **[GPS]** to measure the current location and select the nearest site.
- Right Soft Key **[SUBMENU]**: Displays the following options:
EXPLANATION OF TOOLS: Displays the description of the SUNRISE SUNSET tool.
TRACKING: Switches to TRACKING mode.
DAY/NIGHT: Switches to DAY/NIGHT mode.
SELECT YOUR LOCATION: Same as the key **[LOCATION]** above.
- Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

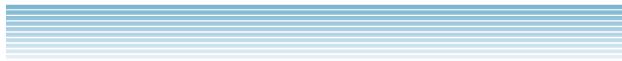
SETTINGS & TOOLS

ASTRO CALENDAR

The moon's age and days until full moon and new moon are displayed.

LUNAR PHASE mode displays the phase of the moon.

COSMIC VIEW mode displays the location of sun, earth and moon.



1. From the **Tools** submenu, press **G'zGEAR**, **ASTRO CALENDAR**.
2. The following keys are available in the ASTRO CALENDAR:
 - Directional Key left or right: Switches the mode.
 - Directional Key up or down: Changes the date for displaying the information.
 - Right Soft Key **[SUBMENU]**: Displays the following options:
EXPLANATION OF TOOLS: Displays the description of the ASTRO CALENDAR tool.
LUNAR PHASE: Switches to LUNAR PHASE mode.
COSMIC VIEW: Switches to DAY/NIGHT mode.
 - Left Soft Key **[HOME]**: Returns to G'zGEAR HOME menu.

Using the G'zGEAR with the Flip Closed

1. From the **Tools** submenu, press **G'zGEAR**.
2. Close the flip.
3. To change the tool displayed on the front display, tap the Rewind key or the Fast Forward key .
4. To end the G'zGEAR, press and hold the G'zGEAR Key .

NOTES

- If the cellphone is closed while displaying G'zGEAR tool on the main display, the tool will be displayed on the front display.
- On the front display, the following information is displayed for each tool:

EARTH COMPASS: Compass, longitude/latitude

WALKNG COUNTER: Current time, steps, burned calories

TEMPERATURE GAUGE: Current time, temperature in Fahrenheit

TIDES: Current time, time of flood tide, time of ebb tide

SUNRISE SUNSET: Current time, time of sunrise, time of sunset

ASTRO CALENDAR: Phase of the moon, year/month/date, moon's age

SET UP

1. From the **Tools** submenu, press  **G'zGEAR**,  **SET UP**.
2. Select one of the following options:
 - SAVE LAST MODE:** Displays the previously displayed mode when starting a tool. (ON/OFF)
 - BACKLIGHT ALWAYS ON:** Keeps the display backlight on while G'zGEAR is active. (ON/OFF)
 - PEDOMETER:** Counts your steps with the pedometer. (ON/OFF)
 - BACK TO INITIAL SETUP:** Returns G'zGEAR settings to initial value.

HOW TO USE

You can display how to use G'zGEAR.

1. From the **Tools** submenu, press  **G'zGEAR**,  **HOW TO USE**.

Bluetooth Menu

Your cellphone supports the following Bluetooth® profile services and protocols: Headset, Handsfree, Dial Up Networking, Stereo, Phonebook Access, and Object Push (for vCard and vCal).* You can create and store 20 pairings within the cellphone and connect to only one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 25 feet.

- * Your cellphone is based on the Bluetooth® specification, but it is not guaranteed to work with all devices enabled with Bluetooth® wireless technology. This cellphone does not support all Bluetooth® OBEX Profiles. For vehicle/accessory (sold separately) compatibility go to www.verizonwireless.com/bluetoothchart.

NOTE

Read the user guide of each Bluetooth® accessory that you are trying to pair with your cellphone because the instructions may be different.

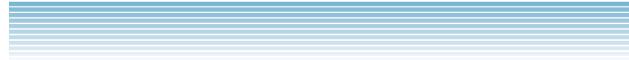
Power

To toggle Bluetooth® power On/Off:

1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press **3 DEF** **Bluetooth Menu**.
3. Press the Left Soft Key [**Turn On**].

NOTE

By default, your cellphone's Bluetooth® functionality is turned off.



Add New Devices

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

To pair the cellphone with a new Bluetooth® device:

1. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
2. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
3. Press  **Bluetooth Menu**.
4. Press the Center Select Key **[OK]** or  to select **Add New Devices**.

NOTE

If the Bluetooth® power is switched off, the following message will appear on the main display: **Turn Bluetooth power on?**

Press the Center Select Key **[OK]** to select **Yes. BLUETOOTH POWER ON** will appear on the display.

SETTINGS & TOOLS

5. The handset will prompt you with the following message on the main display: **PLACE DEVICE YOU ARE CONNECTING TO IN DISCOVERABLE MODE**. Press the Center Select Key **[OK]**.
6. The device will appear in the **ADD NEW DEVICE** menu. Select the device you wish to pair to, then press the Center Select Key **[PAIR]**.
7. The handset may prompt you for the passkey. Consult the Bluetooth® accessory instructions for the appropriate passkey (typically “0000”—4 zeroes). Enter the passkey, then press the Center Select Key **[OK]**.

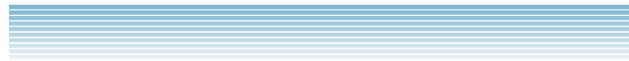
NOTE

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

8. The handset will prompt you with the following message on the main display: **Before Connecting To [Device Name]**. If you would like to always confirm before connecting to the Bluetooth® device, select **Always Ask**, then press the Center Select Key **[OK]**. Then the handset will prompt you with the message **Connect to [Device Name]**. Select **Yes**, then press the Center Select Key **[OK]**. If you do not wish to confirm every time before connecting to the Bluetooth® device, select **Always Connect**, then press the Center Select Key **[OK]**.
9. 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 main display when connected to the Bluetooth® device.

NOTES

- In the Bluetooth Menu, you can disconnect the connected device with an icon  by pressing the Center Select Key **[DROP]**. Conversely, you can reconnect by pressing the Center Select Key **[OK]** again.
- When an audio device is connected, you can select another device and the connection is automatically transferred from the audio device to the other one.
- If multiple devices are displayed, select the device you want to connect.



Bluetooth Settings

■ Settings for Your Cellphone

1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press **3 DEF** **Bluetooth Menu**.
3. Press the Right Soft Key [**Options**] to select one of the following options:
 - To edit the Bluetooth® name of your phone, press **123** **My Phone Name**. Enter a new custom name and then press the Center Select Key [**OK**] to save and exit.
 - To set whether your device is able to be searched for by other Bluetooth® devices in the area, press **2 ABC** **Discovery Mode**. Select **On** or **Off**, then press the Center Select Key [**OK**].
 - To view brief descriptions of the profiles supported by the phone, press **3 DEF** **Supported Profiles**. Select one of the profiles, then press the Center Select Key [**VIEW**].



■ Settings for Paired Device

1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press **3 DEF** **Bluetooth Menu**.
3. Select the paired device, then press the Right Soft Key [**Options**].
4. Select one of from the following options:
 - 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 services supported by the selected device.



Device Info: Displays device information.

Sending and Receiving Name Cards

Use the following procedures to send and receive a Name Card via Bluetooth®.

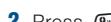
■ Sending a Name Card

To send to a contact entry via Bluetooth®:

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Contacts** and press the Center Select Key **[OK]**,  **Contact List**.
Or, press the Right Soft Key **[Contacts]**.
2. Select the Contact and then press the Right Soft Key **[Options]**.
3. Select **Send Name Card**, then press the Center Select Key **[OK]**.
4. Your contact entries will be displayed in alphabetical order. Select the contact you want to send, then press the Center Select Key **[MARK]**.
5. Press the Left Soft Key **[Done]**.
6. Select the receiving device and then press the Center Select Key **[OK]**.

■ Sending My Name Card

To send My Name Card by Bluetooth®:

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Contacts** and press the Center Select Key **[OK]**.
2. Press  **My Name Card**.
3. Press the Right Soft Key **[Options]** then  **Exchange Name Card**.
4. Select the receiving device and then press the Center Select Key **[OK]**.

NOTE

For information about how to register My Name Card, see page XXX.

■ Pulling a Name Card

You can use the following procedure to request a name card from another Bluetooth® device and add the received name card to your Contact List.

1. From the idle screen, press the Center Select Key [**MENU**], then select **Contacts** and press the Center Select Key [**OK**].
2. Press **9_{WYZ}** **My Name Card**.
3. Press the Right Soft Key [**Options**] then **6_{HNO}** **Pull Name Card**.
4. Select the device and then press the Center Select Key [**OK**].

■ Receiving a Name Card

To save a Name Card received via Bluetooth® to your Contact List:

1. The message "Want to Receive files?" will appear on your cellphone's display when another Bluetooth® device sends your cellphone a name card.
2. Select **Yes**, then press the Center Select Key [**OK**].

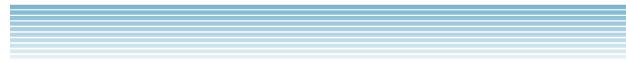
Sending and Receiving Images

To send and receive an image via Bluetooth®:

■ Sending an Image

To use Bluetooth® to send an image you have saved on your cellphone:

1. From the idle screen, press the Center Select Key [**MENU**], then select **Media Center** and press the Center Select Key [**OK**].
2. Press **2_{ABC}** **Picture & Video**, **3_{DEF}** **My Pictures**.



3. Select the image you want to send, and then press the Right Soft Key **[Options]**.
4. Press **Send** and then **Via Bluetooth**.
5. Select the receiving device and then press the Center the Select Key **[OK]**.

■ Receiving an Image

To save an image received via Bluetooth®:

1. The message “Receive Image?” will appear on your cellphone’s display when another Bluetooth® device sends your cellphone an image.
2. Select **Yes**, then press the Center Select Key **[OK]**.

Keyguard Settings

Keyguard Timer

Keyguard Timer feature locks the side keys and touch keys to prevent them from being pressed accidentally in your bag or pockets. Set the period of time since the last key operation is made with the flip closed until this feature locks the side keys and touch keys.

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press **Keyguard Settings**, **Keyguard Timer**.
3. Select one of the following settings, then press the Center Select Key **[SET]**.

Always Off / 7 seconds / 15 seconds / 30 seconds

NOTES

- When you open the flip, the side keys will be unlocked.
- When G'zGEAR or My Music is active with the flip closed, the side keys and touch keys will not be locked.
- Even if locked, the side keys are valid in the following cases.
 - When the alarm and schedule sounds.
 - When the cellphone receives an incoming call.
 - During a call.
 - When the cellphone receives a PTT incoming call.
 - During a PTT call.

Unlock Options

Select the way to temporarily unlock the side keys and touch keys with the flip closed.

1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press  **Keyguard Settings**,  **Unlock Options**.
3. Select one of the following settings, then press the Center Select Key [**SET**].
Press Once: Temporarily release the lock by pressing the G'zGEAR Key once with the flip closed.
Press Twice: Temporarily release the lock by pressing the G'zGEAR Key and then the Volume Key  down with the flip closed.

Sounds Settings

Provides options to customize the cellphone's sounds.

Accessing the Sounds Settings submenu

1. From the idle screen, press the Center Select Key [MENU], then select **Settings & Tools** and press the Center Select Key [OK].
2. Press  **Sounds Settings**.
3. Select a submenu:
Easy Set-up/Call Sounds/Alert Sounds/Keypad Volume/Digit Dial Readout/Service Alerts/Power On/Off

Easy Set-up

You can set the Call Sounds, Keypad Volume, Text Message Alert, Media Message Alert, and Voicemail Message Alert all at once using the Wizard.

1. From the **Sounds Settings** submenu, press  **Easy Set-up**.
2. Follow the on screen prompts to set sounds settings.

NOTE

To skip the specific setting, press the Right Soft Key [**Skip**] to move to the next setting.

Call Sounds

To set ringtones for types of incoming calls:

■ Call Ringtone

1. From the **Sounds Settings** submenu, press  **Call Sounds**,  **Call Ringtone**.
2. Select a ringtone, then press the Center Select Key [**SET**] to save the sound. To play the ringtone, press the Left Soft Key [**Play**].

■ Call Vibrate

1. From the **Sounds Settings** submenu, press  **Call Sounds**,
 **Call Vibrate**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

■ Caller ID Readout

1. From the **Sounds Settings** submenu, press  **Call Sounds**,
 **Caller ID Readout**.
2. Select one of the following settings, then press the Center Select Key **[SET]**.

Ring Only/Caller ID + Ring/Name Repeat

Alert Sounds

To select the alert type for a new message:

1. From the **Sounds Settings** submenu, press  **Alert Sounds**.
2. Select **TXT Message/Media Message/Voicemail/Emergency Tone/Missed Call/PTT Alert**, then press the Center Select Key **[OK]**.
3. Select **Tone/Vibrate/Reminder**, then press the Center Select Key **[OK]**.

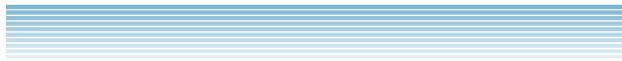
Tone: Select a ringer, then press the Center Select Key **[SET]**. To play the alert tone, press the Left Soft Key **[Play]**.

Vibrate: Select **On** or **Off**, then press the Center Select Key **[SET]**.

Reminder: Select **Once/Every 2 Minutes/Every 15 Minutes/Off**, then press the Center Select Key **[SET]**.

NOTES

- Emergency Tone has the following settings: **Alert/Vibrate/Off**.
- PTT Alert has only two settings **Tone/Vibrate**.



Keypad Volume

To set the keypad volume:

1. From the **Sounds Settings** submenu, press **Keypad Volume**.
2. Adjust the volume by pressing the Directional Key up or down, then press the Center Select Key **[SET]** to save the setting.

Digit Dial Readout

To set whether to read out the numbers pressed when dialing a phone number:

1. From the **Sounds Settings** submenu, press **Digit Dial Readout**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Service Alerts

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

1. From the **Sounds Settings** submenu, press **Service Alerts**.
2. Select one of the following options, then press the Center Select Key **[OK]**.
ERI: Alerts you to the status of cellular service.
Minute Beep: Alerts you every minute during a call.
Call Connect: Alerts you when the call is connected.
3. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Power On/Off

To set the cellphone to sound a tone when the cellphone is powered on/off:

1. From the **Sounds Settings** submenu, press **Power On/Off**.
2. Press **Power On** or **Power Off**.
3. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Display Settings

Provides options to customize the cellphone's display screen.

Accessing the Display Settings submenu

1. From the idle screen, press the Center Select Key [MENU], then select **Settings & Tools** and press the Center Select Key [OK].
2. Press  **Display Settings**.
3. Select a submenu:
**Easy Set-up/Banner/Backlight/Wallpaper/Display Themes/
Main Menu Settings/Dial Fonts/Menu Font Size/Clock
Format**

Easy Set-up

You can set the Personal Banner, Display Backlight, Keypad Backlight, Main Wallpaper, Display Theme, Main Menu Settings, Dial Fonts, Main Clock, and Front Clock all at once using the Wizard.

1. From the **Display Settings** submenu, press  **Easy Set-up**.
2. Follow the on screen prompts to set display settings.

NOTE

To skip the specific skip a setting, press the Right Soft Key [**Skip**] to move to the next setting.

Banner

To set your Personal or ERI banner:

■ Personal Banner

The Personal Banner can be up to 18 characters and is displayed on the idle screen.



1. From the **Display Settings** submenu, press  **Banner**,  **Personal Banner**.
2. Enter your banner text (up to 18 characters) then press the Center Select Key **[SET]**.

■ **ERI Banner**

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

1. From the **Display Settings** submenu, press  **Banner**,  **ERI Banner**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Backlight

■ **Display**

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

1. From the **Display Settings** submenu, press  **Backlight**,  **Display**.
2. Select one of the following settings, then press the Center Select Key **[OK]**.

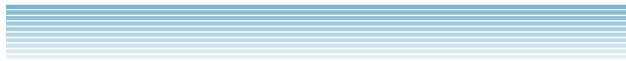
Duration: 7 seconds / 15 seconds / 30 seconds / Always On / Always Off

Brightness: Press the Directional Key  left or right to set the brightness to **Low**, **Medium Low**, **Medium**, **Medium High**, or **High**, then press the Center Select Key **[SET]**.

■ **Keypad**

To set the duration of backlight illumination for the Keypad:

1. From the **Display Settings** submenu, press  **Backlight**,  **Keypad**.



2. Select one of the following settings, then press the Center Select Key **[SET]**.

7 seconds / 15 seconds / 30 seconds / Always On

NOTES

- Even if Always On is selected for the Backlight setting, the backlight will turn off when the flip is closed.
- If Always On and/or High are selected for the Backlight setting, the battery life may be shorter than the normal battery life.

Wallpaper

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

1. From the **Display Settings** submenu, press  **Wallpaper**.

2. Press the Directional Key  up or down to select one of the following options, and then press the Center Select Key **[OK]**.

My Pictures/My Videos/Fun Animations

3. Select from available screens, then press the Center Select Key **[SET]**.

NOTE

Files larger than 5MB are not available in Set As Wallpaper.

Display Themes

To choose the color of the background screen:

1. From the **Display Settings** submenu, press  **Display Themes**.

2. Press the Directional Key  up or down to select one of the following settings, then press the Center Select Key **[SET]**.

White/Surfing/Metal/Polyhedral Rock



Main Menu Settings

■ Menu Layout

To change Main Menu layout and type:

1. From the **Display Settings** submenu, press **6 MNG Main Menu Settings**, **1 ABC Menu Layout**.
2. Select one of the following layouts, and then press the Center Select Key **[SET]**.
Tab>List/Grid
3. If you selected List or Grid, press the Directional Key **↔** up or down to select one of the following types, and then press the Center Select Key **[SET]**.

Communicator/Productivity

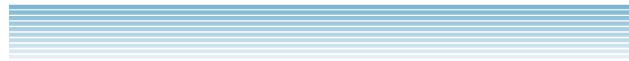
NOTE

All directions in this manual assume that Main Menu Settings is set to Grid and Communicator, and Display Themes is set to Surfing, which are the default settings.

■ Replace Menu Items

Main Menu items can be replaced only when Menu Layout is set to List or Grid.

1. From the **Display Settings** submenu, press **6 MNG Main Menu Settings**, **2 ABC Replace Menu Items**.
2. Select the item you want to replace, then press the Center Select Key **[EDIT]**.
3. Select the item you want to replace it with, then press the Center Select Key **[SET]**.
4. Press the Left Soft Key **[Done]**.



■ Position Menu Items

Position of Main Menu items can be changed only when Menu Layout is set to List or Grid.

1. From the **Display Settings** submenu, press **6 MNU Main Menu Settings**, **3 DEF Position Menu Items**.
2. Select the item you want to move, then press the Center Select Key **[MOVE]**.
3. If the current Main Menu Layout is List, press the Directional Key **↶** up or down to change the position of this item, then press the Center Select Key **[SET]**.
If the current Main Menu Layout is Grid, press the Directional Key **↶** up, down, left or right to move highlight to desired position, then press the Center Select Key **[SWAP]**.
4. Press the Left Soft Key **[Done]**.

■ Reset Menu Settings

Main Menu Settings can be reset when Menu Layout is set to List or Grid by using the following procedure.

1. From the **Display Settings** submenu, press **6 MNU Main Menu Settings**, **4 SHI Reset Menu Settings**.
2. Select one of the following options, then press the Center Select Key **[OK]**.
Menu Layout: Reactivates the initial Main Menu Layout (Grid and Communicator).
Menu Items: Reactivates the initial content of the Menu.
Item Positions: Reorders Main Menu Items to their initial positions.
All: Reactivates all your initial Main Menu settings.
3. Select **Yes**, then press the Center Select Key **[OK]**.

NOTE

When Menu Layout is set to Tab, Menu Layout settings can be defaulted to Grid and Communicator. by pressing **6 _{WNC}** **Main** **Menu Settings**, **2 _{ABC}** **Reset Menu Layout** from the Display Settings submenu.

Dial Fonts

To set the font size:

1. From the **Display Settings** submenu, press **7 _{PORT}** **Dial Fonts**.
2. Select **Normal** or **Large**, then press the Center Select Key **[SET]**.

Menu Font Size

To set the font size for menu:

1. From the **Display Settings** submenu, press **8 _{TOV}** **Menu Font** **Size**.
2. Select **Normal** or **Large**, then press the Center Select Key **[SET]**.

Clock Format

To choose the kind of clock to be displayed on the main display and the front display:

1. From the **Display Settings** submenu, press **9 _{WNC}** **Clock Format**.
2. Press **1 ₁₂** **Main Clock** or **2 _{ABC}** **Front Clock**.
3. Select one of the following settings, then press the Center Select Key **[SET]**.

Main Clock: Analog/Large Analog/Digital 12/Large Digital 12/
Digital 24/Large Digital 24/Off

Front Clock: Digital 12/Digital 24/Analog/Off

Phone Settings

The Phone Settings menu allows you to set your cellphone's system.

Accessing the Phone Settings submenu

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press  **Phone Settings**.
3. Select a submenu:
**Airplane Mode/Set Shortcuts/Voice Commands/Language/
Location/Current Country/Security/System Select/NAM
Selection/Motion Detection**

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. In Airplane Mode, services that support Location On functions are temporarily disabled.

1. From the **Phone Settings** submenu, press  **Airplane Mode**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Set Shortcuts

■ Set My Shortcuts

Your cellphone offers you the option of assigning four shortcuts for favorite or often-used functions.

1. From the **Phone Settings** submenu, press  **Set Shortcuts**,  **Set My Shortcuts**.
2. Select **Shortcut 1**, **Shortcut 2**, **Shortcut 3**, or **Shortcut 4**, and then press the Center Select Key **[SET]**.
3. Select a function, and then press the Center Select Key **[SET]**.

NOTES

- From the idle screen, pressing the Directional Key  right will display the MY SHORTCUTS screen.
- On the MY SHORTCUTS screen, you can select a function and then press the Center Select Key **[OK]** to access the function.
- On the MY SHORTCUTS screen, you can relocate a function by pressing the Right Soft Key **[Move]**, pressing the Directional Key  up or down, and then pressing the Center Select Key **[SAVE]**.

■ Resetting My Shortcuts

To return My Shortcuts to their original defaults:

1. From the **Phone Settings** submenu, press  **Set Shortcuts**,  **Set My Shortcuts**.
2. Select **Shortcut 1**, **Shortcut 2**, **Shortcut 3**, or **Shortcut 4**, and then press the Right Soft Key **[Options]**.
3. Press  **Reset Shortcut ([1], [2], [3], or [4])**, or  **Reset My Shortcuts**.
4. Select **Yes**, then press the Center Select Key **[OK]**.

■ Set Directional Keys

You can specify the function that is accessed when you press the Directional Key  up, down or left from the idle screen.

1. From the **Phone Settings** submenu, press  **Set Shortcuts**,  **Set Directional Keys**.
2. Select **UP Directional Key**, **LEFT Directional Key**, or **DOWN Directional Key**, and then press the Center Select Key **[SET]**.
3. Select a function, and then press the Center Select Key **[SET]**.

■ Resetting the Directional Key Settings

Use the following procedure to specify the default directional key settings.

1. From the **Phone Settings** submenu, press **2 ABC Set Shortcuts, 2 ABC Set Directional Keys**.
2. Select **UP Directional Key, LEFT Directional Key, or DOWN Directional Key**, and then press the Right Soft Key **[Options]**.
3. Press **1 ABC Reset ([UP], [LEFT] or [DOWN]) Key, or 2 ABC Reset Directional Keys**.
4. Select **Yes**, then press the Center Select Key **[OK]**.

■ Set Side Keys

You can specify the function that is accessed when you press the G'zGEAR key and the PTT key from the idle screen.

1. From the **Phone Settings** submenu, press **2 ABC Set Shortcuts, 3 DEF Set Side Keys**.
2. Select **G'zGEAR key or PTT key**, and then press the Center Select Key **[SET]**.
3. Select a function, and then press the Center Select Key **[SET]**.

NOTES

- When the function that is not available with the flip closed is selected for Set Side Keys, that function will be activated when the flip is opened after the Side Key is pressed.
- When the PTT mode is ON, the PTT key submenu does not appear and nothing can be changed. In such case, with the flip either open or closed, pressing the PTT Key from the idle screen displays the PTT Contact List, and pressing and holding the PTT Key initiates a barge call to the hone number to/from which you sent/received the last PTT call.



■ Resetting the Side Key Settings

Use the following procedure to specify the default side key settings.

1. From the **Phone Settings** submenu, press **2 ABC Set Shortcuts, 3 DEF Set Side Keys**.
2. Select **G'zGEAR key** or **PTT key**, and then press the Right Soft Key **[Options]**.
3. Press **1 PTT Reset ([G'zGEAR] or [DOWN]) Key, or 2 ABC Reset Side Keys**.
4. Select **Yes**, then press the Center Select Key **[OK]**.

Voice Commands

To configure prompts and call alert for voice commands:

1. From the **Phone Settings** submenu, press **3 DEF Voice Commands**.
2. Select one of the following options:
Confirm Choices/Sensitivity/Adapt Voice/Prompts/Info

Language

To set the bilingual feature for either English or Spanish:

1. From the **Phone Settings** submenu, press **4 ABC Language**.
2. Select **English** or **Español**, then press the Center Select Key **[SET]**.

Location

1. From the **Phone Settings** submenu, press **5 ABC Location**.
2. Select one of the following settings, then press the Center Select Key **[SET]**.

Location On: Your location is now available to the network.

E911 Only: Your location will be hidden from the network and applications, except for 911.

NOTE

In Airplane Mode, services that support Location On functions are temporarily disabled.

Current Country

To change the cellphone settings to reflect the Country where you are currently located:

1. From the **Phone Settings** submenu, press  **Current Country**.
2. Select the country where you are currently located, then press the Center Select Key **[SET]**.

NOTE

To assure that your cellphone works properly while you travel, please verify the country of your current location, so the correct country code can be applied.

Security

The Security menu allows you to electronically secure the cellphone.

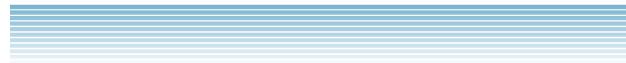
■ Edit Codes

To set a new Lock Code:

NOTE

The default Lock Code is the last 4 digits of your mobile telephone number.

1. From the **Phone Settings** submenu, press  **Security**.
2. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**.



3. Press **Edit Codes**.
4. Select one of the following settings, then press the Center Select Key **[OK]**.
 - Phone Only:** Allows you to edit the Lock Code for the handset only.
 - Calls & Services:** Allows you to edit the Lock Code for all Calls & Services.
5. Enter the new four-digit code in the **Enter New Code** field.
If you selected Calls & Services in step 5, you also will need to enter the current code before entering the new code.
6. Press the Directional Key down to advance to the **Re-enter New Code** field.
7. Enter the new four-digit code again as confirmation.
8. Press the Center Select Key **[SET]**.

NOTE

There are two Lock Codes: Phone Only and Calls & Services.

■ Restrictions

Use the following procedure to configure Location Setting, Calls, Messages, and Dial-Up Modem restrictions.

1. From the **Phone Settings** submenu, press **Security**.
2. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**. The default Lock Code is the last 4 digits of your mobile telephone number.
3. Press **Restrictions**.
4. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**.
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/Block All**.

For Outgoing Calls, set **Allow All/Contacts Only/Block All**.

Messages: Incoming Messages/Outgoing Messages

For Incoming Messages, set **Allow All/Block All**.

For Outgoing Messages, set **Allow All/Block All**.

Dial-Up Modem Allow/Block

■ Phone Lock Setting

This setting specifies whether the cellphone should be locked whenever it is turned on.

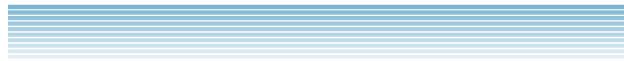
Lock Mode prevents the unauthorized use of your cellphone. Once the cellphone is locked, it is in restricted mode until the Lock Code is entered. You can receive phone calls and still make emergency calls. You can modify the Lock Code using the new Lock Code within the Security menu.

1. From the **Phone Settings** submenu, press **Security**.
2. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**. The default Lock Code is the last 4 digits of your mobile telephone number.
3. Press **Phone Lock Setting**.
4. Select one of the following settings, then press the Center Select Key **[SET]**.
Unlocked: Your cellphone is unlocked.
On Power Up: Your cellphone will lock when it is turned on.



■ Lock Phone Now

1. From the **Phone Settings** submenu, press **Security**.
2. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**. The default Lock Code is the last 4 digits of your mobile



telephone number.

3. Press **Lock Phone Now**.

NOTE

To unlock the cellphone, press the Right Soft Key **[Unlock]** from the idle screen, enter the four-digit Lock Code and then press the Center Select Key **[OK]**.

■ Restore Phone

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

1. From the **Phone Settings** submenu, press **Security**.
2. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**.
3. Press **Restore Phone**.
4. After reading the warning message that appears, select **Yes**, and then press the Center Select Key **[OK]**.
5. After reading the message that appears, press the Center Select Key **[OK]**.
6. Enter the four-digit Lock Code, then press the Center Select Key **[OK]**. The cellphone will turn off and then back on again automatically.

System Select

You can set your cellphone to search or roam for 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. From the **Phone Settings** submenu, press **System Select**.
2. Select one of the following settings, then press the Center Select Key **[SET]**.



Home Only: Only within your home area or home affiliated area.

Automatic: Scan radio channels based on the Automatic setting.

NOTES

- After you purchase your cellphone before you activate it by obtaining a phone number, the available settings will be Home Only, Automatic A, and Automatic B. After the cellphone is activated by obtaining a phone number, Home Only or Automatic settings will be available.
- If you set PTT mode on, you cannot change this setting.

NAM Selection

To select the cellphone's NAM (Number Assignment Module) if the cellphone is registered with multiple service providers:

1. From the **Phone Settings** submenu, press **NAM Selection**.
2. Select **NAM 1** or **NAM 2**, then press the Center Select Key **[SET]**.

NOTE

If you set PTT mode on, you cannot change this setting.

Motion Detection

To turn the Motion Detection feature On or Off:

1. From the **Phone Settings** submenu, press **Motion Detection**.
2. Select one of the following settings, then press the Center Select Key **[OK]**.
G'zGEAR / My Pics/Videos / Music Play / Rotation Silencer
3. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Call Settings

The Call Setup menu allows you to designate how the cellphone handles both incoming and outgoing calls.

Accessing the Call Settings submenu

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press  **Call Settings**.
3. Select a submenu:
**Answer Options/Auto Retry/TTY Mode/One Touch Dial/
Voice Privacy/PC Connections/DTMF Tones/PTT Mode/
Assisted Dialing**

Answer Options

To set how to answer an incoming call:

1. From the **Call Settings** submenu, press  **Answer Options**.
2. Select **Flip Open, Any Key, or Auto w/Handsfree**, then press the Center Select Key **[MARK]** and then the Left Soft Key **[Done]**. "ANSWER OPTIONS SET" will appear on the display.

NOTES

- When the cellphone is closed, the Auto w/Handsfree Mode will not function, except when connected to a headset. When the cellphone is open, the Auto w/Handsfree Mode will only function when the Speakerphone is on. The Auto w/Handsfree will function after about five seconds.
- Flip Open is the default setting.

Auto Retry

To set the length of time the cellphone waits before automatically redialing a number when the attempted call fails:

1. From the **Call Settings** submenu, press **2 ABC** **Auto Retry**.
2. Select the following settings, then press the Center Select Key **[SET]**.
10 seconds / 30 seconds / 60 seconds / Off

TTY Mode

You can attach a TTY device to your cellphone 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. From the **Call Settings** submenu, press **3 DEF** **TTY Mode**.
2. A warning message "Enabling TTY will disable headset audio." appears on the display. Then press the Center Select Key **[OK]**.
3. Select one of the following settings, then press the Center Select Key **[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. From the **Call Settings** submenu, press **4 GHI** **One Touch Dial**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

NOTE

If One Touch Dial is disabled, Speed Dial numbers designated in your Contacts will not function.

Voice Privacy

To turn the voice privacy feature On or Off:

1. From the **Call Settings** submenu, press  **Voice Privacy**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

PC Connections

Allows you to use wireless data communication services, which use subscriber terminals for access to the internet with personal computers or laptops. The connection speed depends on your carrier's network and other variables. Contact communication information specifications must match the network.

1. From the **Call Settings** submenu, press  **PC Connections**.
2. Select one of the following settings, then press the Center Select Key **[SET]**.

USB/Bluetooth/Close

NOTE

If you select Bluetooth, you cannot change PTT mode.

DTMF Tones

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

1. From the **Call Settings** submenu, press  **DTMF Tones**.
2. Select one of the following settings, then press the Center Select Key **[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.

PTT Mode

You can use the following procedure to turn the PTT feature On or Off. When PTT is turned off, you will not be able to send or receive PTT calls and alerts.

1. From the **Call Settings** submenu, press  **PTT Mode**.
2. Select **On** or **Off**, then press the Center Select Key **[SET]**.

Assisted Dialing

Assisted Dialing allows easy dialing of international calls while roaming in another country. First, set Reference Country to your home location.

1. From the **Call Settings** submenu, press  **Assisted Dialing**.
2. Use the Directional Key  left or right to select **On** or **Off**.
3. Select the **Reference Country** field, then press Left Soft Key **[Set]** to select country.
4. Select the desired country, then press the Center Select Key **[OK]**.
If you want to edit details, press Left Soft Key **[Details]** to edit and save the Country Code, International Dialing Digits (IDD) Prefix, the National Dialing Digits (NDD) Prefix, Area/City Code, and the National Number Length, then press the Center Select Key **[SAVE]**.
5. Press the Center Select Key **[OK]**.

Memory

With your cellphone, you can view the information stored in built-in memory and on the memory card loaded in the cellphone.

Accessing the Memory submenu

1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press **9_{WPS}** **Memory**.
3. Select a submenu:

Save Options/Phone Memory/Card Memory

Save Options

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

1. From the **Memory** submenu, press **1_{ABC}** **Save Options**.
2. Select one of the following settings, and then press the Center Select Key [**OK**].
Pictures/Videos/Sounds
3. Select **Phone Memory** or **Card Memory**, and then press the Center Select Key [**SET**].

Phone Memory and Card Memory

Select this option to display Phone or Card Memory information, and to delete or move files saved in Phone or Card Memory.

■ Memory Usage

To check the available memory capacity, used capacity, and total capacity:

1. From the **Memory** submenu, press **2_{ABC}** **Phone Memory**, **1_{ABC}** **Memory Usage**. Or, press **3_{DEF}** **Card Memory**, **1_{ABC}** **Card Memory Usage**.
2. Press the Center Select Key [**OK**] to return to the previous screen.

■ Deleting and Moving Files

To delete files stored in Phone or Card Memory, and to move files from Phone Memory to Card Memory (purchased separately) and vice versa:

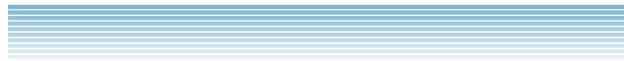
1. From the **Memory** submenu, press  **Phone Memory** or  **Card Memory**
2. Select one of the following settings, and then press the Center Select Key **[OK]**.
My Pictures/My Videos/My Ringtones/My Music/My Sounds
3. Press the Right Soft Key **[Options]**.
4. Select **Erase** if you want to delete a file or **Move** if you want to move a file to Card or Phone Memory, and then press the Center Select Key **[OK]**.
5. Select a file, press the Center Select Key **[MARK]** or the Right Soft Key **[Mark All]**, and then press the Left Soft Key **[Done]**.
6. Select **Yes**, and then press the Center Select Key **[OK]**.

NOTES

- Selecting **Move All To Card** in step 2 moves all the files stored in Phone Memory to Card Memory.
- Selecting **Move All To Phone** in step 2 moves all the files stored in Card Memory to Phone Memory.
- Do not remove the memory card from the cellphone while a file is being moved to Card Memory.

USB Mode

Your cellphone has the ability to automatically detect connection of the USB cable (purchased separately) from the cellphone to your PC.



1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press  **USB Mode**.
3. Select one of the following settings, then press the Center Select Key [**SET**].

Media Sync Mode/Modem Mode/Ask On Plug

NOTES

- Before connecting the cellphone to your PC with the USB cable, check that your cellphone is not locked.
- While the USB cable is connected to your cellphone, all calls and Bluetooth® function will be temporarily disabled if you select **Media Sync Mode** or **Modem Mode**. Unplug the USB cable from your cellphone to be able to make or receive calls, and to enable Bluetooth® function.

Phone Info

Accessing the Phone Info submenu

To display information about your cellphone:

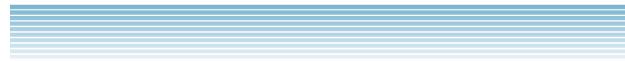
1. From the idle screen, press the Center Select Key [**MENU**], then select **Settings & Tools** and press the Center Select Key [**OK**].
2. Press  **Phone Info**.
3. Select a submenu:

My Number/SW/HW Version/Icon Glossary/Software Update

My Number

To view your cellphone's Mobile Device Number (MDN), Mobile Identifications Number (MIN), and other device information:

1. From the **Phone Info** submenu, press  **My Number**.



SW/HW Version

To view the Software, PRL, ERI, Browser, Media Center, MSUI and HW versions, and MEID, Software Update Client, BT Mac Address, Warranty Date Code:

1. From the **Phone Info** submenu, press **SW/HW Version**.

Icon Glossary

To view all the icons and their meanings:

1. From the **Phone Info** submenu, press **Icon Glossary**.

NOTE

For more information on the icons, see page XX.

Software Update

■ Status

To check the status of a Software Update:

1. From the **Phone Info** submenu, press **Software Update**,
 Status.

■ Check new

To check for and execute a Software Update:

1. From the **Phone Info** submenu, press **Software Update**,
 Check New.
2. If there is a new Software Update, it will be downloaded.
3. After download is complete, press the Center Select Key **[OK]** or wait for three minutes to execute the Software Update.

Warning!

Placing calls, including 911 emergency calls, and receiving calls are not possible while a Software Update is in progress.

NOTES

- After the software download is complete, you can press the Left Soft Key [**Info**] to check the content of Software Update.
- After the software download is complete, you can press the Right Soft Key [**Options**] and then  **Defer** to set a time when Software Update should start.
- After the software download is complete, you can press the Right Soft Key [**Options**] and then  **Reject** to reject the Software Update.

■ Install Deferred SW

When there is a Software Update that has been deferred, the "Check New" item changes to "Install Deferred SW." Executing this option executes the deferred Software Update.

1. From the **Phone Info** submenu, press  **Software Update**,  **Install Deferred SW**.
2. Select **Yes**, then press the Center Select Key **[OK]**.

Set-up Wizard

You can set the Call Sounds, Display Theme, Main Menu Settings, Main Clock, and Front Clock all at once using the Wizard.

1. From the idle screen, press the Center Select Key **[MENU]**, then select **Settings & Tools** and press the Center Select Key **[OK]**.
2. Press  **Set-up Wizard**.
3. Follow the on screen prompts to the above settings.

NOTE

To skip the specific setting, press the Right Soft Key **[Skip]** to move to the next setting.

Product Safety and Warranty Information

English Cover

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TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

■ Tips on Efficient Operation

Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to consume more power than otherwise needed.

■ Driving

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

If you must use your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call. An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Warning!

Failure to follow these instructions could lead to serious personal injury and possible property damage.

■ **Electronic Devices**

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

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Never come closer than six (6) inches to a person with a heart pacemaker implant when using your phone. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers:

- ALWAYS keep the phone more than six (6) 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.

Hospitals and Health Care Facilities

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

■ Vehicles

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

■ Posted Facilities

Turn your phone OFF where posted notices so require.

■ Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Always request and obtain prior consent and approval of an authorized airline representative before using your phone aboard an aircraft. Always follow the instructions of the airline representative whenever using your phone aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

■ Blasting Areas

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

■ Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions.

Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

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

Safety Information for FCC RF Exposure

Warning!

Read this information before using.

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for 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 with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

■ 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 **1.18 W/Kg** and when worn on the body, as described in this guide, is **0.455 W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

<http://www.fcc.gov/oet/fccid> after searching on TYKNX9270.

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

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

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 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 on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

FDA Information



U.S. Food and Drug Administration
Cell Phone Facts
Consumer Information on Wireless Phones

■ What kinds of phones are the subject of this update?

The term "wireless phone" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head.

These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

■ Do wireless phones pose a health hazard?

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

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

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

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

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

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

- National Institute for Occupational Safety and Health
- Environmental Protection Agency

- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

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

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

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

■ What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated

with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

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

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop—if they do—may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

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

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

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both

laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

If there is a risk from these products—and at this point we do not know that there is—it is probably very small.

But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

■ What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want

to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

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

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

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head.

On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether

they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

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

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

■ What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones.

This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

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

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

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

Emergency Calls

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

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

■ FCC Enhanced 911 (E911) Rules Background

The Federal Communications Commission (FCC) requires wireless carriers to transmit specific latitude and longitude location (Automatic Location Identification = ALI) information as well as "911" calls to Public Safety Answering Points (PSAPs) to identify the location of the caller in case of emergency. Generally, the rules require that carriers identify an E911 caller's location within 50 meters of the actual location for 67 percent of calls and within 150 meters of the actual location for 95 percent of calls.

■ G'zOne Rock™'s ALI Capability

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

The network compliance with the above FCC requirements is dependent on: (a) the use of digital technology by the wireless network; (b) GPS satellite signals being able to reach the handset (such transmissions do not always work indoors, for example); and (c) handset signals reaching wireless "base

stations" (atmospheric and environmental conditions may cause variations in handset receiving signal strength).

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

Finally, customers are advised that the G'zOne Rock™'s ALI capability is to be used for E911 purposes only.

911 in Lock Mode

The "911" call service is available even in the lock mode.

- 1.** Enter "911" then press the Send Key.
- 2.** The call connects.
- 3.** The phone exits the Lock Mode for 5 minutes.
- 4.** To exit emergency mode, press the End/Power Key.

911 Using Any Available System

- 1.** Enter "911" then press the Send Key.
- 2.** The call connects.
- 3.** The phone remains in Emergency Mode for 5 minutes.
- 4.** To exit emergency mode, press the End/Power Key .

Compliance with Other FCC Regulations

■ Operating Procedures

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

- Never use obscene, indecent, or profane language.
- Never use your Cellular Phone to send false distress calls.

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

General Safety

■ Precautions

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

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

DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.

DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized PCD cellular service center. If unit is disassembled, the risk of electric shock or fire may result.

DO NOT place this equipment inside the microwave or pressurized container. It may cause the explosion, product failure and fire.

DO NOT throw device into the fire or heat. It may cause the explosion or fire.

DO NOT short the terminal. Also, protect the terminal so that the conductive objects, such as metal piece and pencil lead, do not touch or get caught into the terminal. It may cause the fire or product failure.

When plugging the AC-Adapter, do not expose the metal strap or accessory to the electric plug. It may cause the fire, electric shock, injury or product failure.

To avoid the risk electric shock, do not use device while lightning outside.

The device is not water-proof. By placing it under faucet or shower and adding water-pressure, or submerging it inside water for a long time, the warranty will be invalid because the device will become non-repairable. If, by an accident, you spill the fluid, such as water, on device, turn off the power, remove the battery pack and wipe off the fluid with dry, clean cloth.

By using device with fluid attached to it, it may cause heat generation, fire, product failure and electric shock. The device is not heat-resistant. Do not place it into hot bath or liquid soap.

Never touch device's charging terminal with hand or finger. It may cause electric shock, injury or product failure. If device does not finish recharging within the specified timeframe, stop recharging. It may cause leakage, heat generation, explosion or fire.

If device is damaged by dropping and the internal parts are exposed, do not touch the exposed parts. You might get electric shock or injured from damaged parts. Call the customer service for assistance.

Do not place device on unstable area, such as wobbly stool or slanted places. Device may drop and cause injury. Also watch for shocks, particularly during vibrator mode.

DO NOT place device around child. They may accidentally swallow device and suffocate.

Stop using device, if it starts to smoke, smell, make abnormal sound or generate heat. If abnormality starts to happen while recharging, remove AC-Adapter or DC-Adapter from the plug or cigar lighter adapter, check that device has cooled down, turn off the power, remove the battery pack and call the customer service for assistance.

Also, if device has been damaged by dropping or getting wet, discontinue using device and call the customer service.

Never try to repair device yourself. It is highly dangerous.

Do not touch device, battery pack or battery charging device for a long time while it is being recharged. It may cause the low-temperature burn.

If you are using the metal strap, be sure that it does not touch the handset charging cradle or the charging terminal, especially

the plug, while recharging. It may cause the electric shock, fire, injury or product failure.

To avoid falling or getting into a traffic accident, check for your safety and the safety around you while placing a call, messaging, taking picture or playing game using device.

To avoid injury, do not use device as the earpiece magnet picks up metal objects such as pins.

Never bring device near a floppy disk, magnetic card, magnetic tape, MOs, MDs, prepaid card, or other similar objects. It may destroy or corrupt these data.

Never press or poke display with your finger or other object. It may cause damage to display.

Never twist device. It may cause product failure.

DO NOT put stickers on LCD screen or keypad. these stickers may touch and press keys when the Flip Top is closed. This may cause improper operating of the phone.

■ Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

■ **Battery Safety**

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

DOs

- Only use Casio branded batteries specific to your phone model.
- Use only the Wall charger provided with the phone. Using any charger other than the one included with the phone may damage your phone or battery.
- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- When the device is not used for long period, remove the battery from the device.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

DON'Ts

- Don't attempt to disassemble the battery—it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens).
This can short circuit and critically damage the battery, and may cause the fire or injury.
- Don't leave the battery in hot or cold temps.
Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.
- Don't short the positive electrode and negative electrode on battery pack.
- Don't nail, hit with hammer, or step on battery pack.
It may cause fire or damage.
- Don't use the battery pack with damage or leak.
Lithium ion batteries are recyclable. When you replace your built-in battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.
Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

■ Charger

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

Never attempt to disassemble or repair a travel charger or desktop charger. Never use a travel charger or desktop charger if it has a damaged or worn power cord or plug. Always contact a PCD authorized service center, if repair or replacement is required.

Never alter the AC cord or plug on your travel charger or desktop charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.

Never allow any liquids or water to spill on the travel charger or desktop charger when it is connected to an AC power source.

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

Never attempt to connect or disconnect the travel charger or desktop charger with wet hands. Always unplug the travel charger or desktop charger from the power source before attempting any cleaning. Always use a dry, soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

Always disconnect the travel charger or desktop charger from the power source when it is not in use.

Move the charger away from fire if it starts to leak or smell. The

leaked liquid may catch the fire, which causes fire or explosion. If the plug is not be inserted completely, it may cause electric shock, heat generation or fire. Do not use damaged AC-Adapter or loosened plug.

Do not touch the charging terminal with your hand or finger while it is conducting electricity. It may cause electric shock, injury or product failure.

Do not touch the electric plug when starts lightning. It may cause the electric shock from thunderbolt.

Do not overload a power outlet with too many devices.

Do not connect another Wall Charger to the Charging/Data Port (either directly or through the Headset Adapter), when charging the phone inserted in the Handset Charging Cradle. Damage or overheat may result.

Games

■ Seizures/Blackouts

Warning

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

If you, or anyone in your family, have an epileptic condition, consult your physician prior to playing. If you experience any of the following symptoms while playing a video or computer game—dizziness, altered vision, eye or muscle twitches, loss

of awareness, disorientation, any involuntary movement, or convulsions—IMMEDIATELY discontinue use and consult your physician before resuming play.

■ Repetitive Motion Injuries

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

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

Camera

Do not aim your camera at the sun. The sunlight passing through the Camera/Camcorder Lens may cause damage to the camera.

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

Do not expose the Camera/Camcorder Lens to the direct sunlight for a long period of time. It may cause explosion or fire from light-focus action.

Do not use flash toward the automobile driver. It may startle the driver and will not be able to drive, which may cause an accident.

Accessibility

■ 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.

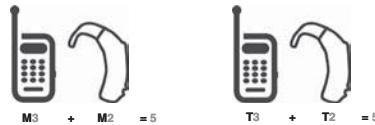
THIS PHONE HAS HAC RATINGS OF M4 & T4

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 phones:

• 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>

■ **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 common sense 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 rock 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) 222-2336
Email: info@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@nih.gov
Internet: <http://www.nidcd.nih.gov/health/hearing>

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.
200 Independence Ave., SW
Washington, DC 20201
Voice: 1-800-35-NIOSH (1-800-356-4674)
Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

RECYCLE YOUR CELL PHONE!

Carriers marketing this cell phone have an in-store phone take-back program. Consumers can drop off their used wireless devices to specified carrier retail outlets for recycling purposes. For a list of carrier members and collection sites, visit the cellular industry's recycling website www.recyclewirelessphones.com. To mail in your old wireless device to PCD Personal Communications for recycling purposes, simply package your old wireless device and any accessories (including discharged batteries) in appropriate shipping materials and mail to: For Recycling PCD Personal Communications LLC 555 Wireless Blvd. Hauppauge, NY 11788 Wireless phones also can be donated to the Wireless Foundation's DONATE A PHONE® CALL TO PROTECT® campaign. This charitable cause collects wireless phones to benefit victims of domestic violence. All donated phones are tax deductible. You may mail the phone to:

CALL TO PROTECT

2555 Bishop Circle
West Dexter, MI 48130

-OR-

Drop the phone off at a local collection center. For a list of collection centers, visit www.wirelessfoundation.org/CalltoProtect/dropoff.cfm
Before returning any wireless device for recycling purposes, please remember to terminate your service on the device, clear the device of any stored information and remove the device's SIM card, if it has one (please contact your wireless provider to find out if your device contains a SIM card and for assistance on how to remove it).

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

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

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, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, 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 LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE

COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN
RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF
USE DURING THE TIME THE PRODUCT IS BEING REPAIRED
OR REPLACED.

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

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

IN USA: Personal Communications Devices, LLC.
 555 Wireless Blvd.
 Hauppauge, NY 11788
 (800) 229-1235

IN CANADA: PCD Communications Canada Ltd.
 5535 Eglinton Avenue West
 Suite# 234
 Toronto, ON M9C 5K5
 (800) 465-9672

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 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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ tv technician for help.

CAUTION

The user who makes changes or modifications to the unit without the express approval by the manufacturer will void user authority to operate the equipment.