SCH-r610 Series

P O R T A B L E   D U A L - M O D E

M O B I L E   P H O N E

User Manual
Please read this manual before operating your
phone, and keep it for future reference.

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Table of Contents

Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Charging the Battery
- Activating Your Phone
- Setting Up Your Voicemail

This section explains how to start using your r610 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 195.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 169.

Notes and tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.
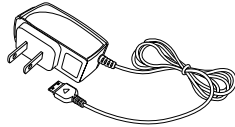
1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Important!: For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.

Correct

Incorrect
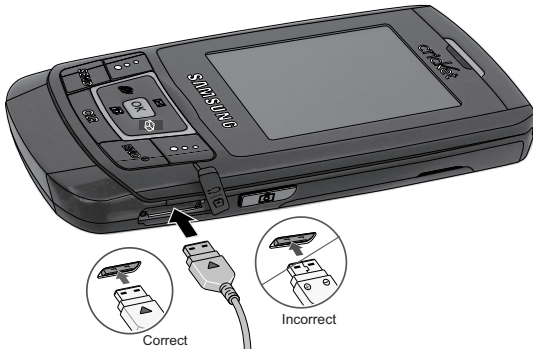
Important!: You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

Low battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

• Three bars ( ) indicate a full charge.

• An empty battery icon ( ) indicates a near empty battery.

• A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. A fully discharged battery requires up to 4 hours of charge time.

1. Insert the bottom end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.
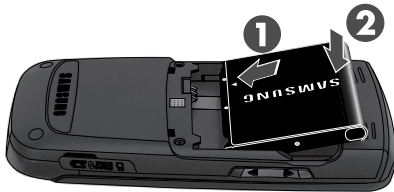
2. Press lightly on the top end of the battery down into the phone until the battery slips into place.

3. Place the battery cover so that the tabs on the bottom (3) align with the slots at the bottom of the battery compartment. Push the top end of the battery cover (4) down until it snaps into place. .
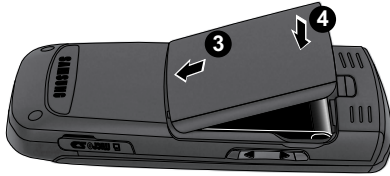
Remove the Battery

1. Press and hold the [🔘] key to turn off the phone (if on).

2. Press up on the battery cover release latch (1) and lift the top end of the cover (2) away from the phone.
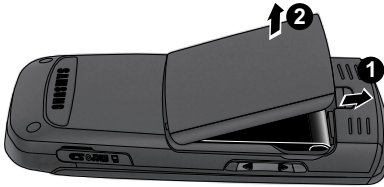
3. Lift the battery (3) up and away from the phone, top end first.
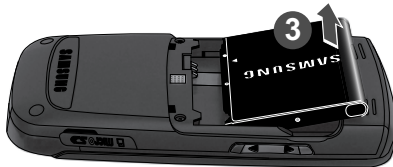
Turn Your Phone On

1. Open the slide on your phone, as shown.

2. Press and hold the ▢ key for two or more seconds.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

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3. The phone begins searching for a network signal.

4. Once the phone finds a signal, the time, date, and day appear in the bottom of the display.

5. You're now ready to place and receive calls.

Press & Hold

Antenna

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

■ Press and hold the ▢ key for two or more seconds. Your phone powers off.

**Note:** If your phone is on and you press ▢ for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the Voicemail folder (under the Message menu) to view details of voice messages in your Voicemail box.

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1. In idle mode, press and hold the ▢ key or dial your own mobile number to dial Voicemail.

2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In idle mode, press and hold the 🔳 key or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.

2. You are prompted to enter your password.

Memory Card (Optional)

Your phone has a memory card slot on the lower left side of the phone. You can install a microSD™ card to provide additional memory for storing files (such as, sound files and photos) in your phone.

Install a Memory Card

1. Uncover the memory card slot (on the lower left side of the phone).

2. Insert the memory card — label side facing you and smaller end pointing toward the phone — into the memory card slot.
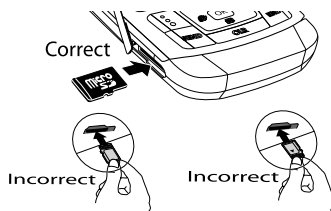
3. Press the memory card into the slot until the card locks into place.

Remove a Memory Card

1. Uncover the memory card slot (on the lower left side of the phone).

2. Press the memory card into the slot until the card lock releases.

3. Remove the memory card from the memory card slot.

4. If desired, install another memory card. (See *"Install a Memory Card"* for more information.)

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Closed View (Front) of Your Phone
- Open View (Front) of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone's Modes

This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks)
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology
- Global Positioning (GPS) Technology
- PIM Functions (Calendar, Memo Pad, Calculator, and more)
- Text Messaging (SMS) and Picture Messaging (MMS)
- Built-in Digital Camera with Camcorder function
- Music Player (MP3)
- External Memory Support (microSD)
- Voice Dial
- Speakerphone

Note: The r610 supports the wireless handsfree profile, serial port profile, and dial-up networking profile for Bluetooth® wireless technology. The r610 does not support all Bluetooth OBEX profiles.

Closed View (Front) of Your Phone

1. Earpiece
2. Display
3. Volume Key
13. Camera Key
4. Left Soft Key
5. Memory Card Slot
12. Right Soft Key
11. Power/Accessory Connector
6. SEND Key
10. END Key
7. CLR Key
8. OK Key
9. Navigation/Shortcut/ Music Player Key

Features

1. **Earpiece** — Lets you hear keypad tones and phone calls.

2. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, signal strength, and so on.

3. **Volume Key** — Lets you adjust the Voice Calls volume in standby mode (with the keypad unlocked) or during a call or lets you adjust the Music Player volume while playing a music file. Lets you mute the ringer temporarily during an incoming call or activate Sound Off or Normal Mode while in standby mode.

4. **Left Soft Key** — With the keypad unlocked, used to pop-up menus and applications and to select the choice indicated at the bottom left corner of the Display (such as **Unlock** with the slide closed and the keypad locked).

5. **Memory Card Slot** — Used to plug in a microSD memory card for additional multimedia file storage.

6. **SEND Key** — With the keypad unlocked, lets you place or receive a call. In standby mode, press the key once to access the recent call log.

7. **CLR Key** — With the keypad unlocked, press this key to return to the previous menu or screen when navigating features on your phone.

8. **OK Key** — With the keypad unlocked, pressing when navigating through a menu accepts the highlighted choice in a menu. With the keypad locked, pressing this key completes the keypad unlock sequence.

9. **Navigation/Shortcut/Music Player Key** — With the keypad unlocked and in Menu mode, lets you scroll through the phone menu options. In standby mode, lets you access preset functions. In Music Player mode, lets you access Music Player functions.

10. **END Key** — With the keypad unlocked, ends a call, sends an incoming call to voicemail or closes a menu and returns you to standby mode.

11. **Power/Accessory Connector** — Lets you plug in battery charging accessories, optional headset (for safe, convenient, hands-free conversations), or any available accessory cables to your phone.

12. **Right Soft Key** — With the keypad unlocked, used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Display.

13. **Camera Key** — With the slide closed, pressing this key pops-up the message "**Open slide**". (For more information, see *"Open View (Front) of Your Phone"* on page 17 and *"Camera Key"* on page 22.)

Closed View (Rear) of Your Phone

1. Stereo Speakers

2. Battery Cover Release
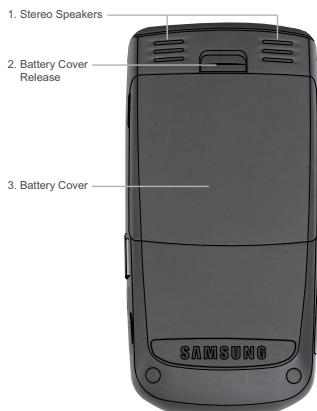
3. Battery Cover

Features

1. **Stereo Speakers** — Let you listen to audio from your phone, such as music files, alerts, and ringtones.

2. **Battery Cover Release** — Releases the Battery Cover latch that holds the Battery Cover in place.

3. **Battery Cover** — Protects the battery and holds it in place.

Open View (Front) of Your Phone

1. Earpiece

2. Display

3. Volume Key

4. Navigation/Shortcut/ Music Player Key

5. Left Soft Key

6. SEND Key

7. CLR Key

8. Memory Card Slot

9. Special Function Keys

17. Right Soft Key

16. OK Key

15. END Key

14. Camera Key

13. Alpha-numeric Keys

12. Power Accessory Connector

11. Voice Recognition Key

10. Microphone

Features

1. **Earpiece** — Lets you hear keypad tones and phone calls.

2. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, signal strength, and so on.

3. **Volume Key** — In standby mode, lets you adjust the ringer volume or lets you select a vibrate mode. During a call, lets you adjust the Earpiece volume.

4. **Navigation/Shortcut/Music Player Key** — With the keypad unlocked and in Menu mode, lets you scroll through the phone menu options. In standby mode, lets you access preset functions. In Music Player mode, lets you access Music Player functions.

5. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Display.

6. **SEND Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.

7. **CLR Key** — When you are in text entry mode, deletes characters from the display. When navigating features on your phone, press this key to return to the previous menu or screen.

8. **Memory Card Slot** — Used to plug in a microSD memory card for additional multimedia file storage.

9. **Special Function Keys** — Enter special characters (such as a text space). Perform various functions (such as launching Silent Mode).

10. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.

11. **Voice Recognition Key** — In Idle mode, pressing and holding this key launches Voice Commands function.

12. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone.

13. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.

14. **Camera Key** — Lets you launch the camera and switch between camera and camcorder modes.

15. **END Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.

16. **OK Key** — Pressing when navigating through a menu accepts the highlighted choice in a menu. In settings screens, accepts setting value entries and selections. In camera mode, it takes a picture. In camcorder mode, it starts and stops video recording.

17. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.

Open View (Rear) of Your Phone

1. Mirror

4. Flash

2. Camera Lens
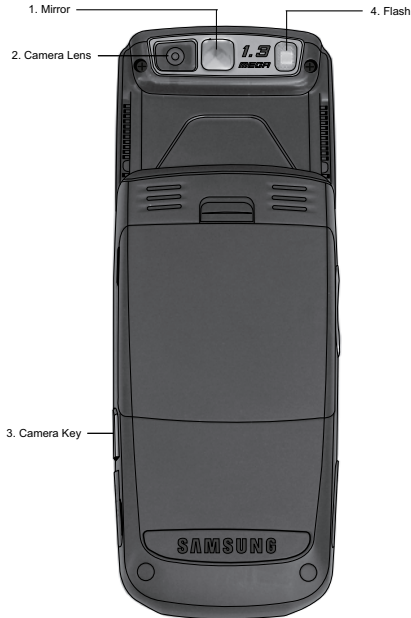
3. Camera Key

Features

1. **Mirror** — Used when taking self-portrait photographs.

2. **Camera Lens** — The lens of your built-in camera.

3. **Camera Key** — Lets you launch the camera and switch between camera and camcorder modes.

4. **Flash** — Lets you take pictures in low light.

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Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the (left) soft key ![icon] and the (right) soft key ![icon].

### Left Soft Key

Some functions of the left soft key are as follows.

• With the slide closed, the function is Unlock. Press to Unlock the keys.

• In standby mode, press the **Settings** (left) soft key (![icon]) to open the Settings menu.

• When the left soft key function is Edit, press the **Edit** (left) soft key (![icon]) to edit a Contact.

Right Soft Key

Some functions of the right soft key are as follows.

• In standby mode, press the **Contacts** (right) soft key (![icon]) to open the Contacts list.

• When the right soft key function is Options, press the **Options** (right) soft key (![icon]) and a pop-up menu appears.

• When the right soft key function is Back, press the **Back** (right) soft key (![icon]) to back up one menu level.

OK Key

• In standby mode, press the **Menu** key (![icon]) to open the main menu.

• In a menu, press the **OK** key (![icon]) to accept the highlighted selection.

• In camera mode, press the **TAKE** key (![icon]) to take a photo; or the **SEND** key (![icon]) to include a photo in a picture message.

• In camcorder mode, press the **REC** key (![icon]) to start video recording; and press the **STOP** key (![icon]) to end video recording.

• In messaging mode, press the **SEND** key (![icon]) to send a message to the recipient; or press the **EDIT** key (![icon]) to edit a Draft message.

Clear Key

The **CLR** key (![icon]) is used to erase or clear numbers, text, or symbols from the display. You can also use the ![icon] key to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press ![icon] to backspace (and delete) the character.

2. To erase the entire sentence, press and hold ![icon].

3. To back up one menu level, briefly press ⬛CLR⬛.
4. To return to standby mode, press and hold ⬛CLR⬛ until you return to standby mode.

End Key

1. Press and hold the **End** key ⬛ to turn on your phone.
2. Briefly press ⬛ once to disconnect a call.
3. Press ⬛ to return to standby mode from any menu, or to cancel the last input.

Send Key

The **Send** key ⬛ is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press ⬛ once to answer calls.
2. Enter a number and briefly press ⬛ to make a call.
3. Briefly press ⬛ in standby mode to display a list of recent calls to and from your phone.
4. Press ⬛ twice in standby mode to call the most recent number.
5. Press ⬛ to pick up a waiting call. Press ⬛ again to switch back to the other call.

Navigation Key

Use the directional keys on the navigation key ⬛ to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.
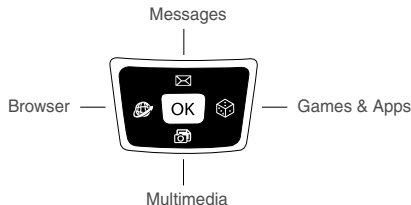
Camera Key

Use the Camera key (🔲) — located on the right side of your phone — to activate the camera built into your phone and to take pictures, and to switch between camera and camcorder functions.

Understanding the Display Screen →

The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more. The following list contains icons that may appear in your display.

Display Screen Icons

Your r610 phone can show you definitions of the icons that appear on the top lines of the front and main displays. To access the Icon Glossary:

▶ In standby mode, press the **Menu** key (🔲), then press [9ᵂˣʸᶻ] (for **Settings**), [7ᴾᑫᴿˢ] (for **Phone Info**), and [2ᵃᵇᶜ] for **Icon Glossary**. A list shows the icons that can appear on the top line of the displays.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice**
  - Example: "Save Message?"
- **Reconfirm**
  - Example: "Erase message?"
- **Performing**
  - Example: "Sending..." "Connecting..."
- **Completed**
  - Example: "Message Saved"
- **Information**
  - Example: "New Voicemails"
- **Error**
  - Example: "System Error!"

- **Warning**
  - Example: "Battery Low," "Memory Full!"

Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after 10 seconds to conserve battery power, regardless of the Backlight setting.

See *"Backlight"* on page 151 for more information.

Your Phone's Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **Menu** key (⬛), then press 🔲 (for **Settings**), 🔲 (for **Call Settings**), and 🔲 for **Call Answer**. The following call answer options appear in the display:
   - **Any Key** — Pressing any key except the 🔲 key or ⬛ key answers a call.
   - **Send Key** — Only pressing 🔲 answers a call.
   - **Slide Up** — Opening the phone's slide or pressing 🔲 answers a call.

2. Use the navigation keys to highlight an option.

3. Press the ⬛ key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the **Abc** (left) soft key (🔲), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Abc**, **ABC**, **Symbols**, and **123**. (See *"Entering Text"* on page 48 for more information.

Tip: You can also cycle between **T9 Word**, **Abc**, and **123** by repeatedly pressing and holding the 🔲 key until the phone beeps.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See *"Change Lock"* on page 159 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

• After you power the phone on.

• When you press ![key] after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press ![key] to place a call.

2. Press ![key] to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following call message options appear:

• **View Now** — This selection allows you to view the messages now.

• **View Later** — This selection allows you to view the messages at a later date.

Highlight the desired viewing option and then press **OK** key (![key]).

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **Options** (right) soft key (![key]) to display a list of menu options. See *"In-Use Menu"* on page 34 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

• In standby mode, press and hold ![key]. **Entering Silent Mode** briefly appears in the display and your phone returns to standby mode.

• While in Silent mode and standby mode, press and hold ![key]. **Exit Silent Mode** briefly appears in the display and your phone returns to standby mode.

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Vibrate Mode

▶ In standby mode, repeatedly press the Volume key ( ) down until **Vibrate** appears in the display.

The Volume key is on the upper left side of phone, near the (left) soft key ( ).

Adjust the Ringer

1. In standby mode, press the Volume key ( ) on the left side of the phone up or down. Options are:

- • **Ringer Off**
- • **Vibrate**
- • **Low**
- • **Low/Medium**

- • **Medium**
- • **Medium/High**
- • **High**
- • **Vibrate/High**

2. When you are satisfied with the setting, press the ⌷OK⌷ key. Your phone returns to standby mode.

Tip: You can also enter the **Voice Calls – Volume** sub-menu by pressing the **Menu** key (⌷OK⌷), then pressing the ▣, ▣, ▣, and ▣ keys. Use the Volume key on the left side of your phone to adjust the ringer setting.

Note: The Vibrate icon (\\\\ ) appears in the display when the phone is in **Vibrate** mode. The Vibrate/Ring icon ( ) appears in the display when the phone is in **Vibrate/High** mode.

Speakerphone Mode

To enable speakerphone mode:

1. During a call, press the **Options** (right) soft key ( ). The In Use menu appears in the display. (For more information about the In Use menu, see *"In-Use Menu"* on page 34.)

2. Press the ▣ key (for **Speakerphone**). The Speakerphone icon ( ) appears in the display.

3. Use the Volume key — located on the left side of your phone — to adjust the Voice volume.

Note: For safety information related to speakerphone use, see *"Responsible Listening"* on page 179.

To disable speakerphone mode, do one of the following:

• During a call, do Steps 1 and 2 above to switch from Speakerphone mode to using the earpiece.
• End a call by pressing the [image] key. Your phone automatically switches from Speakerphone mode to using the earpiece.

Camera Mode

Camera mode lets you activate your phone's camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures.

See *"Multimedia"* on page 101 for more information.

• **Entering Camera Mode** — In standby mode, press and hold the Camera key ([image]) on the right side of your phone.
• **Exiting Camera Mode** — Press the [image] key.

Camcorder Mode

Camcorder mode lets you activate your phone's camera to record videos. In Camcorder mode, you can also adjust the resolution and appearance of your videos.

See *"Multimedia"* on page 101 for more information.

• **Entering Camcorder Mode** — In Camera mode, press and hold the [image] key on the right side of your phone.
• **Exiting Camcorder Mode** — Press the [image] key.

Section 3: Call Functions

Topics Covered

- Making a Call
- Answering a Call
- Recent Calls

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.

Tip: When making an international call, begin by pressing and holding the Star key (⭑). A "plus" sign (+) appears in the display. Now, enter the country code and phone number you wish to call. Your phone automatically dials the international call code (011) for you.

2. Press to place the call.

Emergency Calls

When you call an Emergency Number, such as 911, your r610 phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

1. With the phone on, enter the Emergency Number you wish to call using the keypad.

Note: You can define up to 3 emergency numbers in your phone. (See "Emergency #" on page 159 for more information.)

2. Press to place the call.

Tip: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press . (See "Airplane Mode" on page 157 for more information.)

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In standby mode, enter the number for the first party in your call, then press 📟 .

2. When connected, ask the other party to remain on the line. Press 📟 to place them on hold.

3. Enter the second party's phone number and press 📟 .

4. When the second party answers, press 📟 to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.

2. Press the **Options** (right) soft key (📱).

    The following pause options appear in the display:

    - **2-Sec Pause** — A 2-second pause after which dialing resumes.
    - **Wait** — A hard pause (waits for input from you).

3. Use the navigation keys to highlight the desired pause.

4. Press the 🔘 key to enter the highlighted pause into the number sequence.

5. Press 📟 to call the number.

Tip: Press the **Save** (left) soft key (📱) to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing

Use 1-touch dialing to speed dial Contacts from 001 (Voicemail) through 009.

▶ In standby mode, press and hold the number key representing the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 005, press and hold the 🔘5 key.

2-Touch Dialing

Use 2-touch dialing to speed dial Contacts from 010 through 099.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.

2. Press and hold the number key representing the second digit of the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 035, press ⬛3ᵈᵉᶠ , then press and hold the ⬛5ᵏ key.

3-Touch Dialing

Use 3-touch dialing to speed dial Contacts from 100 through 999.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.

2. Press the number key representing the second digit of the desired Contact's Location number.

3. Press and hold the number key representing the third digit of the desired Contact's Location number.

Example: To speed dial the Contacts entry assigned to Location 325, press ⬛3ᵈᵉᶠ , press ⬛2ᵃᵇᶜ , then press and hold the ⬛5ᵏ key.

Voice Dialing

The voice recognition capabilities of your r610 are exceptional due to advanced, speaker-independent technology. This means you do not need to "train" your phone to understand your voice. You can use your voice in a natural manner to dial numbers.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See "Voice SVC" on page 95 for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

• Wait for the beep before speaking.
• Speak clearly at a normal volume, as if you were talking to someone on the phone.
• When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold the ⬛ key.

   "**Say a Command**" appears in the display and is pronounced through the earpiece.

2. Say, "**Call**".

   You are prompted to "**Say the name or #**".

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See See *"Choice Lists"* on page 97, for more information.)

   • Press the **Repeat** (right) soft key (⬛) to say the name again.
   • Press the **Settings** (left) soft key (⬛), then press the **Exit** (right) soft key (⬛) to exit VoiceSignal without dialing.

   If the recognized name has multiple numbers stored for it (that is, Mobile, Work, Home, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"

5. Say one of the following number types:

   • "**Home**"
   • "**Work**"
   • "**Mobile**"
   • "**Pager**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press and hold the ⬛ key.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or #.**"

3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 9 7 0 5 2 0 0."*

   If it recognizes the number, Voice Dial repeats it and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See See *"Choice Lists"* on page 97, for more information.)

   • Press the **Repeat** (right) soft key (⬛) to say the name again.
   • Press the **Settings** (left) soft key (⬛), then press the **Exit** (right) soft key (⬛) to exit VoiceSignal without dialing.

Pause Dialing From a Contacts Entry

• If you voice dial a contact that contains 2-Sec Pause(s) simply wait for the pauses to pass and the dialing to complete.

• If you voice dial a contact that contains Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

• If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.

• If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

The phone continues to notify you of the call until one of the following events occur:

• You answer the call.

• The calling party ends the call.

• The call is sent to voicemail.

Call Notification Features

Your phone notifies you of a call in a variety of ways.

• Eight ring volume settings: Ringer Off, Vibrate, Low, Low/Medium, Medium, Medium/High, High, or Vibrate/High.

• Different ring types or melodies to distinguish callers.

• Name display with caller ID. (If the caller's name is programmed into your Contacts).

• Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In standby mode, press the volume key on the left side of the phone.

2. Press the volume key up or down to set the call ringer volume as desired.

Adjust the Ringer

1. In standby mode, press the volume key (⎜) on the left side of the phone up or down. Options are:

• **Ringer Off**	• **Medium**
• **Vibrate**	• **Medium/High**
• **Low**	• **High**
• **Low/Medium**	• **Vibrate/High**

2. Press ⎣OK⎦ once you're satisfied with the setting. The phone returns to standby mode.

Call Answer

Select from three methods for answering calls. This option can be changed in the **Settings** menu.

1. In standby mode, press the **Menu** key (OK), then press 9 (for **Settings**), 4 (for **Call Settings**), and 1 for **Call Answer**. The following options appear in the display:

   • **Any Key** — Pressing any key except ⏸ or ┃ answers a call.
   • **Send Only** — Only pressing ┃ answers a call.
   • **Slide Up** — Sliding the phone open or pressing ┃ answers a call.

2. Use the navigation keys to highlight the **Call Answer** option of your choice.

3. Press OK to activate the method for answering calls.

Call Waiting

If you're on a call, your phone beeps when another call is incoming. Contact your Wireless Carrier for availability.

1. Press ┃ to connect and ask the calling party to remain on the line.

2. Press ┃ and the second caller is placed on hold and you're returned to the original caller.

3. Press ┃ to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in Contacts, the caller's name also appears. If you've assigned a picture to the entry, it appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In standby mode, enter *, 6, 7.

2. Enter the number you wish to call, then press ┃.

Silence an Incoming Ring

During an incoming call, any of the following keys can be pressed to silence the ringer:

• The up or down volume key (┃) on the left side of the phone.

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

▶ During an incoming call, press the **Ignore** (right) soft key (). The incoming call is forwarded to Voicemail.

In-Use Menu

You can access a number of menus and features even while in a call.

1. While in a call, press the **Mute/Unmute** (left) soft key () to disable/ enable the microphone.

2. While in a call, press the **Options** (right) soft key (). The following options appear in the display:

   • **Message** — Display the Messages menu.
   • **Contacts** — Display the Contacts menu.
   • **Recent Calls** — View your recent calls log.
   • **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.
   • **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is enabled by default.)
   • **Location** — Lets you set your phone to provide a location signal continually or only during Emergency (911) calls.
   • **Voice Memo** — Lets you record your side of the current conversation for up to one minute.
   • **Speakerphone** — Lets you enable/disable Speakerphone mode, allowing you to listen to a call through the phone's speakers.

3. Within the above menu list, do one of the following:

   • Use the navigation key to highlight a menu or feature. Press the ⊙ key to open the highlighted menu or to activate the highlighted feature.
   • Press the **Cancel** (right) soft key () to exit the menu.

Recent Calls

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls. The **Recent Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press the ⬜ key in standby mode. The **All Calls** screen listing up to 270 of your most recent calls appears in the display.

Outgoing Calls

The last 90 outgoing calls are stored in the Outgoing calls log. Review the Outgoing calls log for the time and date of a call, as well as other information.

1. In standby mode, press the **Menu** key (⬛), then press ⬛ (for **Recent Calls**) and ⬛ for **Outgoing Calls**. A list of your outgoing calls appears in the display.

2. Use the Up and Down navigation keys to highlight a call, then press ⬛ to view further information about the call.

3. Press the **Options** (right) soft key (⬛). The following options appear in the display:

   • **Save** — Save the number to your Contacts.
   • **Details** — Contacts calls only — Lets you view the Contacts entry for the recipient of this call.
   • **Erase** — Erase the selected call from your Outgoing call list.
   • **Lock/Unlock** — Blocks/permits erasure of the selected call from your Outgoing call list.
   • **Erase All** — Erase all unlocked calls from your Outgoing call list.
   • **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See See *"Call Timer"* on page 37 for more information.)

4. Use the Up and Down navigation keys to highlight an option.

5. Press ⬛ to perform the highlighted option's function.

Incoming Calls

The last 90 Incoming calls are stored in your phone's Incoming call log. You can review the Incoming call log for time and date of the call, as well as other information.

1. In standby mode, press the **Menu** key (⬛), then press ⬛ (for **Recent Calls**) and ⬛ for **Incoming Calls**. A list of your Incoming calls appears in the display.

2. Use the Up and Down navigation keys to highlight a call, then press ⬛ to view further information about the call.

3. Press the **Options** (right) soft key (⬛) to display a pop-up menu containing the following options:

- **Save** — Save the number to your Contacts.
- **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
- **Erase** — Erase the selected call from your Incoming call list.
- **Lock/Unlock** — Blocks/permits erasure of the selected call from your Incoming call list.
- **Erase All** — Erase all unlocked calls from your Incoming call list.
- **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See See *"Call Timer"* on page 37 for more information.)

4. Use the Up and Down navigation keys to highlight an option.

5. Press ⌨ to perform the highlighted option's function.

Missed Calls

The last 90 missed calls (calls not picked up) are stored in the Missed call log. Review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **Menu** key (⌨), then press 🔲 (for **Recent Calls**) and 🔲 for **Missed Calls**. A list of your missed calls appears in the display.

2. Use the Up and Down navigation keys to highlight a call, then press ⌨ to view further information about the call.

3. Press the **Options** (right) soft key (🔲) to display a pop-up menu that contains the following options:
   - **Save** — Save the number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your Missed call list.
   - **Lock/Unlock** — Blocks/permits erasure of the selected call from your Missed call list.
   - **Erase All** — Erase all unlocked calls from your Missed call list.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See See *"Call Timer"* on page 37 for more information.)

4. Use the Up and Down navigation keys to highlight an option.

5. Press ⌨ to perform the highlighted option's function.

Erase Logs

You can erase Outgoing, Incoming, Missed, or All Calls.

Erase All Calls

1. In standby mode, press the **Menu** key (⊙), then press 🔳 (for **Recent Calls**) and 🔳 for **All Calls**. The **All Calls** list appears in the display with the first call in the list highlighted.

2. Press the **Options** (right) soft key (🔳) to display a pop-up menu that contains the following options:
   - **Save** — Save the number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your All Calls list.
   - **Lock/Unlock** — Blocks/permits erasure of the selected call from your All Calls list.
   - **Erase All** — Erase all unlocked calls from your All Calls list.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See See *"Call Timer"* on page 37 for more information.)

3. Use the Up and Down navigation keys to highlight **Erase all**, then press the ⊙ key.

4. **Erase all entries?**" appears in the display as well as the options **Yes** and **No**.

5. To Erase all calls, press the **Yes** (left) soft key (🔳).

   To keep the calls, press the **No** (right) soft key (🔳).

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

1. In standby mode, press the **Menu** key (⊙), then press 🔳 (for **Recent Calls**) and 🔳 for **Call Timer**. The following options appear in the display:
   - **Last Call** — Shows the duration of your last call.
   - **Outgoing Calls** — Shows the number and total duration of all calls originated by your phone since the last reset.
   - **Incoming Calls** — Shows the number and total duration of all calls made to your phone since the last reset.
   - **Roaming Calls** — Shows the number and total duration of all calls originated by and made to your phone while roaming and since the last reset.
   - **All Calls** — Shows the number and total duration of all calls originated by and made to your phone since the last erasure.

- **Last Reset** — Shows date and time all call timers were last reset.
- **Lifetime Calls** — Shows the duration of all calls on your phone since activation (Lifetime timers cannot be reset).

2. Use the Up and Down navigation keys to highlight a particular timer.

3. Press the **Reset** (left) soft key (![icon]) to reset the highlighted timer.

   Press the **Reset All** (right) soft key (![icon]) to reset all of the timers except **Lifetime Calls**.

4. Press ![OK] to exit the **Call Timer** screen.

Note: Although Total call timers can be erased, LifeTime call timers can never be erased.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press the **Menu** key (![OK]), then press ![icon] (for **Recent Calls**) and ![icon] **for Data Counter.** The following options appear in the display:
   - **Transmit** — Shows the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — Shows the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Last Reset** — Shows date and time all data counters were last reset.
   - **Lifetime Data Counter** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since being activated.

2. To reset a timer other than Lifetime Data Counter, use the Up/Down navigation keys to highlight the timer you want to reset and press the **Reset** (left) soft key (![icon]).

3. To reset all timers except Lifetime Data Counter, press the **Reset All** (right) soft key (![icon]).

4. Press ![OK] to exit the **Data Counter** screen.

Note: Although other data counters can be reset, only the Lifetime Data Counter can never be reset.

Store Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, **Missed**, and **All** calls logs to Contacts.

Tip: In standby mode, briefly press [icon] to display the **All Calls** list. You can then select any call in the list to save to **Contacts**.

1. In standby mode, press the **Menu** key ([OK]), then press [1] for **Recent Calls**.

2. Press the corresponding number on the keypad to view call logs for the following call types.

    - [1] for **Outgoing Calls**

    - [2] for **Incoming Calls**

    - [3] for **Missed Calls**

    - [4] for **All Calls**

3. Use the Up and Down navigation keys to highlight the number you wish to store in Contacts and press [OK].

4. Press the **Options** (right) soft key ([icon]), then use the Up and Down navigation keys to highlight **Save**.

5. Select **Create New** to add the number as a Contacts entry, or select **Update Existing** to find a Contact with which to associate the new number. (For more information, see *"Adding a New Contacts Entry"* on page 56.)

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Shortcuts
- Navigate Using a Shortcut
- Menu Shortcuts Outline

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the navigation key (⬚) and soft keys (⬚ ⬚), or use a shortcut.

1. In standby mode, press the **Menu** key (⬚). The first of several menus appear in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display Settings** ➔ **Menu Style** menu. (See *"Settings"* on page 147 for more information.)

2. Use the navigation key to browse through the menus.

3. Press ⬚ to enter the menu or sub-menu that appears in the display.

4. Press the **Back** (right) soft key (⬚) to return to the previous menu.

Return to the Previous Menu

- Press the **Back** (right) soft key (⬚) to return to a previous menu.
- When **Back** does not appear in the display, press ⬚ to return to the previous menu.

Menu Shortcuts

Use shortcuts to quickly access menus and sub-menus. Press the **Menu** key (⌷ᴏᴋ⌷), then press the number to the left of the menu to jump to the desired menu, sub-menu, or feature. For example, to jump to the Outbox sub-menu, press the **Menu** key (⌷ᴏᴋ⌷), then press **2ₐᵦ꜀** (for **Messages**) and **3ᵈᵉᶠ** for **Outbox**.

Navigate Using a Shortcut

You can also access menus and sub-menus using menu numbers. Enter the menu number after pressing the **Menu** key (⌷ᴏᴋ⌷) to go directly to the menu or sub-menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

Tip: Use the *"Menu Shortcuts Outline"* list of menus and sub-menus to navigate using shortcuts.

1. In standby mode, press the **Menu** key (⌷ᴏᴋ⌷).
2. Press the number of the menu, sub-menu, and so on for the feature that you wish to access.

Example: Press the **Menu** key (⌷ᴏᴋ⌷), then press **7ₚqᵣₛ** , **2ₐᵦ꜀** . This takes you to the **Tools/Utilities** (Menu 7), and then to the **Calendar** (sub-menu 2).

Menu Shortcuts Outline

1   Recent Calls
 1.1   Outgoing Calls
 1.2   Incoming Calls
 1.3   Missed Calls
 1.4   All Calls
 1.5   Call Timer
 1.6   Data Counter

2   Messages
 2.1   Send Message
   2.1.1   Text Message
   2.1.2   Picture Message
   2.1.3   Video Message
 2.2   Inbox

Section 5: Entering Text

Topics Covered

- Text Entry Screens
- Changing the Text Entry Mode
- Using T9® Mode
- Using Abc Mode
- Entering Numbers
- Entering Symbols

This section outlines how to select the desired text entry mode when entering letters, numbers, and symbols into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes you must make when entering text.

Text Entry Screens

The following screen samples show typical r610 text entry fields and text entry mode indicators.

Text Entry Mode Indicators
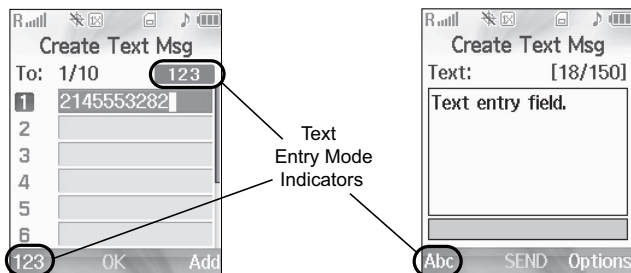
You can change the text entry mode to enter letters, numbers, or symbols in a text entry field when you press keypad keys.

Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:

- **T9 Word** — Press each key only once to enter the letter of the word that you're spelling. T9 WORD mode letter options are:
  – **T9 Word** — Enter initial capital letters
  – **T9 WORD** — Enter all upper case letters
  – **T9 word** — Enter all lower case letters
- **Abc** — Enter letters, numbers, and symbols by repeatedly pressing each key until the desired character (as shown on the key) appears in the display. ABC mode letter options are:
  – **Abc** — Enter initial capital letters
  – **ABC** — Enter all upper case letters
  – **abc** — Enter all lower case letters
- **123** — Enter numbers by pressing the corresponding key on the keypad.
- **Symbols** — Enter symbols into your message by pressing the number above the symbol in the **Symbols** pop-up window.

The current text entry mode (**T9 Word**, **Abc**, **ABC**, **123**, or **Symbols**) is indicated in the lower part of a text entry screen. To change the text entry mode, do the following:

1. While composing a text message, press the Left soft key (). The following options appear in the display:
    - **T9 Word**
    - **Abc**
    - **ABC**
    - **123**
    - **Symbols**
2. Use the Up and Down navigation keys to highlight the desired text entry mode, then press the ⌖ key.

Using T9® Mode

T9 Word recognizes commonly used words for the numeric sequence of key presses and inserts the word into your message. T9 Word is much faster than the traditional method of text entry (**Abc**) and *requires only one key press per letter* of the word that you're spelling.

1. In standby mode, press the Up navigation key, then press ▪️1ᵗˣ (for **Send Message**), and ▪️1ᵗˣ for **Text Message**.

2. Enter the phone number of the recipient, then press the ⊚ᴏᴋ key.

Note: See *"Using T9® Mode"* on page 49 for instructions on changing the text entry mode to **T9 Word**.

---

3. While in **T9 Word** mode, press each key that corresponds to a desired letter, in sequence, one time. The most frequently used word that matches your key entries appears in the display.

Example: If you press the key sequence ▪️2ᵃᵇᶜ ▪️2ᵃᵇᶜ ▪️3ᵈᵉᶠ , the word "**Bad**" is likely to appear in the text entry field.

---

4. When you have completed pressing all the keys for the desired word, review the word appearing in the text entry field.

5. If the word in the text entry field is not the one you meant to enter, press the ▪️0▫ key to show the next word that matches the sequence of keys that you pressed.

Example: When you press the key sequence ▪️2ᵃᵇᶜ ▪️6ᵐⁿᵒ ▪️3ᵈᵉᶠ , the word "**And**" appears on the screen. Suppose the word you want is "cod". Just repeatedly press the ▪️0▫ key until "**Cod**" is highlighted in the display.

---

6. Press the ⊚ᴏᴋ key to accept the highlighted word.

   For practice, enter the word "Samsung" by pressing each of the following keys *only once*:

▪️7ᵖqʳˢ	▪️2ᵃᵇᶜ	▪️6ᵐⁿᵒ	▪️7ᵖqʳˢ	▪️8ᵗᵘᵛ	▪️6ᵐⁿᵒ	▪️4ᵍʰⁱ
S	A	M	S	U	N	G

   T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is "Samsung."

Using Abc Mode

1. In standby mode, press the Up navigation key, then press ▪️1ᵗˣ (for **Send Message**), and ▪️1ᵗˣ for **Text Message**.

2. Enter the phone number of the recipient, then press the ⊚ᴏᴋ key.

Note: See *"Changing the Text Entry Mode"* on page 49 for instructions on changing the text entry mode to **Abc**.

3. Enter characters while in Abc mode by pressing the key labeled with the desired characters (such as, press ▢ for "G").

4. Press the key repeatedly until the desired character appears in the display (such as, press ▢ twice for "H").

5. Pause briefly and the displayed character is accepted and inserted into your message.

6. Repeat Steps 3 – 5 as needed for each letter of a word.

7. Press ▢ to enter a space at the end of the word, or press ▢ to enter a period. (For other punctuation, see *"Entering Symbols"* on page 51.)

Entering Numbers

Enter numbers into a text message while in **123** mode.

1. In standby mode, press the Up navigation key, then press ▢ (for **Send Message**), and ▢ for **Text Message**.

2. Enter the phone number of the recipient, then press the ▢ key.

Note: See *"Changing the Text Entry Mode"* on page 49 for instructions on changing the text entry mode to **123**.

3. Press the key containing the corresponding number that you wish to insert into your message.

Entering Symbols

Symbol mode enables you to enter symbols such as "@" or "%" into a text message.

1. In standby mode, press the Up navigation key, then press ▢ (for **Send Message**), and ▢ for **Text Message**.

2. Enter the phone number of the recipient, then press the ▢ key.

Note: See *"Changing the Text Entry Mode"* on page 49 for instructions on changing the text entry mode to **Symbols**.

The first of three symbol screens appears in the display.

3. Use the **Prev** (left) and **Next** (right) soft keys to page through the other symbols, if desired.

4. Press the key that corresponds with the symbol that you wish to enter. For example, press **4** _{ghi} for an exclamation point (!).

5. Repeat Steps 3 and 4 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

Topics Covered

- Contacts
- Finding a Contacts Entry
- Adding a New Contacts Entry
- Editing a Contacts Entry
- Saving a Number After a Call
- Speed Dial
- Contacts Groups
- Sending Contacts Entries (V-card)
- Deleting a Contacts Entry
- Memory Info

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and two e-mail addresses. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (see *"Manual Pause Calling"* on page 28 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Call numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See *"Restriction"* on page 162 for more information).

Tip: Speed Call **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In standby mode, press the **Menu** key (⌾), then press 3ᵈᵉᶠ for **Contacts**. The following options appear in the display:

   • **Find** — Find a phone number By Name.

Tip: You can also access the **Find** option from standby mode, by pressing the **Contacts** (right) soft key (▯).

   • **Add New Entry** — Add a number or e-mail address to your Contacts.
   • **Speed Dial** — Assign a Contacts entry to a Speed Dial number. (See *"Speed Dial"* on page 63 for more information.)
   • **Group** — Review, send messages to, add Contacts to, or rename four out of your five groups. (See *"Contacts Groups"* on page 65 for more information.)
   • **Memory Info** — Display used and available memory for Contacts entries.

Tip: To launch the Contacts menu using a voice command — In standby mode, press and hold 0₊₀ until the phone prompts, "**Say a command.**" Say "**Go to Contacts**" into the microphone.

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2. Use the navigation keys to highlight the option of your choice, and press the ⌾ key.

Tip: You can also press the keypad number key that corresponds to the menu option number.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Lookup** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Lookup** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press and hold the 0₊₀ key to launch **VoiceSignal**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Lookup**".

   VoiceSignal prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.

- If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
- If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See See *"Choice Lists"* on page 97, for more information.)

- To say the name again, press the **Repeat** (right) soft (▐▌) key.
- To exit VoiceSignal without dialing, press the **Settings** (left) soft (▐▌) key and press the **Exit** (right) soft (▐▌).

5. The contact information for the name you selected appears in the display.

- Press ▐▌ to dial the number associated with the name. (To select another of the Contact's numbers to dial, use the Right and Left navigation keys.)
- Press the **Erase** (left) soft key (▐▌) to erase this entry from your Contacts list.
- Press the **EDIT** key (▭) to add or change information for this entry.
- Press the **Options** (right) soft key (▐▌) and the following options popup in the display:
  - **New Contact** — Add a new entry to your Contacts list.
  - **Send Text Msg** — Create and send a text message to the selected Contact.
  - **Send PIC Msg** — Create and send a picture message to the selected Contact.
  - **Send Video Msg** — Create and send a video message to the selected Contact.
  - **Call** — Dial the Default number associated with the name.

Soft Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In standby mode, press the **Contacts** (right) soft key (▐▌).

   The **Find** screen appears in the display with the **Go To** field highlighted, followed by the first few names in your Contacts list.

Tip: You can also access the **Find** screen from standby mode by pressing the **MENU** key (▭), then pressing � (for **Contacts**) and ▐▌ for **Find**.

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2. Enter a name as entered in Contacts. For example, if you saved the name as "Amy Smith", begin the search by pressing ▐▌ (for "**A**").

   As you enter letters, the names of the closest matches appear in the display.

3. When the desired entry is listed in the display, use the navigation keys to highlight the entry.

- Press ▤ to dial the number associated with the name. (To select another of the Contact's numbers to dial, use the Right and Left navigation keys.)
- Press the **Edit** (left) soft key (▤) to add or change information for this entry.
- Press the ▤ key to view information about the entry.
- Press the **Options** (right) soft key (▤). The following options appear in the display:
  – **New Contact** — Add a new entry to Contacts.
  – **Erase** — Erase the name and associated information.
  – **Send Text Msg** — Create and send a text message to the selected Contact.
  – **Send PIC Msg** — Create and send a picture message to the selected Contact.
  – **Send Video Msg** — Create and send a video message to the selected Contact.
  – **Send V-card** — Send the highlighted Contacts entry to another Contact.
  – **Call** — Dial the Default number associated with the name.

  Use the navigation keys to highlight an option, then press the ▣ key. The highlighted option's sub-menu appears in the display.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. Using the keypad, enter the number you wish to add to your Contacts.
2. Press the **Save** (left) soft key (▤). The following options appear in the display:

   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.

3. Use the navigation keys to select **Create New** and press the ▣ key. The Select Type screen appears in the display showing the following icons:

   ▢ **Mobile**

   ▢ **Home**

   ▢ **Work**

   ▢ **Pager**

🖋 **Fax**

4. Use the Up and Down navigation keys to highlight the number type that matches your new entry, then press the ⟨ok⟩ key. The **Add New Entry** screen appears in the display with the **Name** field highlighted.

5. Use the keypad to enter a name to associate with the Contacts entry. (See *"Entering Text"* on page 48 for more information.)

6. Press the ⟨ok⟩ key to save the entry.

Menu Method

1. In standby mode, press the **Menu** key (⟨ok⟩), then press 3ᵈᵉᶠ (for **Contacts**) and 2ᵃᵇᶜ for **Add New Entry**.

   The **Add New Entry** screen appears in the display with the **Name** field highlighted.

2. Enter the name of the new entry using the keypad. (See *"Entering Text"* on page 48 for more information.)

3. Use the Up and Down navigation keys to highlight one of the following fields:
   - **Mobile**
   - **Home**
   - **Work**
   - **E-Mail**
   - **Group**
   - **Ringtone**
   - **Pager**
   - **Fax**

4. Enter a phone number in the highlighted field.

5. Repeat steps 3 and 4 as needed.

6. Press the ⟨ok⟩ key to save the new entry.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. See *"Finding a Contacts Entry"* on page 54 for more information.

2. Use the navigation keys to highlight the entry and press the ⌽ key. The **View Contact** screen appears in the display showing the highlighted entry's information.

3. Use the navigation keys to review the information for the entry that you wish to change, then press the **EDIT** key (⌽). The **Edit Contact** screen appears in the display.

4. Use the navigation keys to highlight the particular information you want to add or change.

   - Press ▭ to backspace and delete numbers or letters.
   - Press and hold ▭ to clear all numbers or letters in the highlighted field.
   - Press the **Options** (right) soft key (▮). The following options popup in the display:
     – **Set Speed Dial** / **Remove Speed Dial** — Assign/remove a speed dial number (see *"Speed Dial"* on page 63 for more information).
     – **Set As Default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
     – **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 58 for more information).
     – **Wait** — A hard pause (waits for input from you).
     Use the navigation keys to highlight the desired option, then press the ⌽ key.

5. When you're finished changing the contents of a field, press the ⌽ key. Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **Wait** — Stops the calling sequence until the phone receives further input.
- **2-Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.

Note: You can enter multiple Waits to extend the length of a pause. For example, two consecutive Waits cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. See *"Finding a Contacts Entry"* on page 54 for more information.

2. Select and edit the desired number. See *"Editing a Contacts Entry"* on page 57 for more information.

3. Press the **Options** (right) soft key (█). The following pause options appear in the display:
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.

4. Use the navigation keys to highlight the pause option of your choice.

5. Press the ⊙ key to enter the highlighted pause into the number sequence.

6. When you're finished entering information, press the ⊙ key to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply recall the number from Contacts.

2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.

3. Press █ to dial the number.

Edit an Existing E-mail Address

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 54 for more information.

2. Use the navigation keys to highlight the desired Contacts entry, then press the **Edit** (left) soft key (█).

   The **Edit Contact** screen appears in the display.

3. Use the navigation keys to highlight the **E-Mail** field.

4. Use the keypad to edit the e-mail address. (See *"Entering Text"* on page 48 for more information.)

5. Press the ⊙ key to save your changes.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture that you assigned to the entry appears in the display when you receive a call from that Contact.

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 54 for more information.

2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key (![icon]).

   The **Edit Contract** screen appears in the display.

3. Use the navigation keys to highlight the Picture ID field (at the top of the **Edit Contact** screen), then press the **Set** (left) soft key (![icon]).

   A photo gallery screen appears in the display, showing a series of thumbnail photos. (See *"Using My Images Gallery"* on page 122 for more information.)

4. Use the navigation keys to highlight the picture that you wish to assign to the Contacts entry.

   If you cannot find the appropriate picture, press the **Camera** (right) soft key (![icon]). The following option appears in the display:

   • **Take New Pic** — Activates the camera to take a picture to use as a Photo ID. (See *"Taking Pictures"* on page 102 for more information.)

   Use the navigation keys to highlight the desired option, then press the ⌘ key to invoke the highlighted option. Select and save a picture to the photo gallery.

5. Press the ⌘ key. The Contacts entry screen appears in the display with a thumbnail view of the selected image in the Picture ID field.

6. Press the ⌘ key to save the picture assignment to the selected Contacts entry.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assigned to the entry when you receive a call from that Contact instead of the ringtone currently assigned to Voice Calls.

1. Find the Contacts entry you want to edit. (See *"Finding a Contacts Entry"* on page 54 for more information.)

2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key (![icon]). The **Edit Contract** screen appears in the display.

3. Use the navigation keys to highlight the **Ringtone** field, then press the **Set** (left) soft key ( ). The **Contact Tone** menu showing the following options appears in the display:

   • **My Ringtones**
   • **My Sounds**

4. Use the Up and Down navigation keys to highlight the desired option, then press the ⌑ key.

   The **My Ringtones** or the **My Sounds** file list appears in the display.

5. Use the navigation keys to highlight the ringtone or sound that you wish to assign to the Contacts entry.

6. Press the ⌑ key. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.

7. Press the ⌑ key to save the ringer assignment to the selected Contacts entry.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the Save option is also unavailable.

1. Press to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.

2. Press the **Save** (right) soft key ( ). The following options appear in the display:

   • **Create New** — Lets you create a new Contacts entry.
   • **Update Existing** — Lets you add the number you entered to an existing Contacts entry.

3. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Create a New Entry

1. Use the navigation keys to highlight **Create New** and press the ⊙ key. The **Create New** screen appears in the display showing the following number type options:

   🗇 **Mobile**

   🗇 **Home**

   🗇 **Work**

   🗇 **Pager**

   🗇 **Fax**

2. Use the navigation keys to highlight the number type that matches your new entry, then press the ⊙ key.

3. Enter a name for the new entry (see *"Entering Text"* on page 48 for more information).

4. Press the ⊙ key. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. Use the navigation keys to highlight **Update Existing** and press the ⊙ key. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.

2. Find the Contacts entry to which you want to add the new number. See *"Finding a Contacts Entry"* on page 54 for more information.

3. Press the ⊙ key. The following number type options appear in the display:

   🗇 **Mobile**

   🗇 **Home**

   🗇 **Work**

   🗇 **Pager**

Fax

Number types that are already assigned a number show the number instead of the number type label.

4. Use the navigation keys to highlight the desired unassigned number type, then press the ⌧ key. The Contacts entry information appears in the display with the new number posted in the appropriate number type field.

5. Press the ⌧ key again to save your changes to the existing entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

• To speed dial the Contacts entry assigned to Location 5, press and hold the **5** key, (1-touch dialing).
• To speed dial the Contacts entry assigned to Location 35, press **3** then press and hold the **5** key, (2-touch dialing).
• To speed dial the Contacts entry assigned to Location 235, press **2**, press **3**, then press and hold the **5** key (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 56) until you enter a name for the entry.

2. After entering the Contacts entry name, do not press the ⌧ key. Instead, use the navigation keys to highlight the number field.

3. Press the **Options** (right) soft key ( ). The following options appear in the display:
   • **Set Speed Dial** — Assign a speed dial number.
   • **Set As Default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
   • **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 58 for more information).
   • **Wait** — A hard pause (waits for input from you).
   Use the navigation keys to highlight **Set Speed Dial**, then press the ⌧ key. The **Speed Dial** screen appears in the display.

4. Use the navigation keys to highlight an **Unassigned** Speed Dial number or enter an **Unassigned** Speed Dial number in the **Go To** field using the keypad.

Important!: Do not enter Speed Call numbers 001, 311, 411, or 911. These numbers are already assigned to Voicemail (001), to special network features (311 and 411), and to emergency use (911).

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5. Press the **SET** key ([OK]). You are prompted to confirm your Speed Dial number assignment.

6. Press the **Yes** (left) soft key ( ) to save your Speed Dial assignment and return to the **Add New Entry** screen.

Note: Press the **No** (right) soft key ( ) to discard the assignment and return to the **Speed Dial** screen.

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7. Press the [OK] key to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 54 for more information.

2. Use the Up and Down navigation keys to highlight the desired entry.

3. Press the **Edit** (left) soft key ( ).

4. Use the Up and Down navigation keys to highlight the number field marked by the Speed Dial icon ( ).

5. Press the **Options** (right) soft key ( ). The following options appear in the display:

   • **Remove Speed Dial** — Unassign the current speed dial number.
   • **Set As Default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
   • **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 58 for more information).
   • **Wait** — A hard pause (waits for input from you).

   Use the navigation keys to highlight **Remove speed dial**, then press the [OK] key. "**Remove speed dial?**" pops up in the display to confirm your desire to remove the entry.

6. Press the **Yes** (left) soft key ( ) to remove the Speed Dial assignment. "**Speed Dial Removed**" pops up in the display, and you are returned to the **Edit Contact** screen.

7. Do steps 4 through 7 of the "Assignment During Entry Creation" procedure on page 63.

Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see *"Adding a New Contacts Entry"* on page 56 for more information) or find a Contacts entry (see *"Finding a Contacts Entry"* on page 54 for more information) that you want to add to a Group.

2. Use the Up and Down navigation keys to highlight the **Group** field, the press the **Set** (left) soft key (⬛).

The Select Group screen appears in the display showing Groups similar to the following:

- **No Group**
- **Business**
- **Colleague**
- **Family**
- **Friends**

3. Use the Up and Down navigation keys to highlight the Group to which you want to assign the selected Contact, then press the ⬛ key.

You are returned to the **Add New Entry**/**Edit Contact** screen and the selected Group name populates the **Group** field.

4. Press the ⬛ key to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. In standby mode, press the **MENU** key (⬛), then press ⬛ (for **Contacts**) and ⬛ for **Group**.

The **Group List** screen appears in the display showing Groups similar to the following:

- **No Group**

- **Business**
- **Colleague**
- **Family**
- **Friends**

2. Use the Up and Down navigation keys to highlight a Group, then press the **Options** (right) soft key (🔲). The following options popup in the display:

   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**
   - **Rename**
   - **Erase**
   - **Add**

3. Use the Up and Down navigation keys to highlight **Add**, then press the ⌨ key.

   The **Add Contacts** screen appears in the display showing a list of Contacts entries.

4. Do one of the following:

   - Use the navigation keys to highlight an entry you want to add to the group, then press the **MARK** key (🔲). A checkmark appears in the entry's checkbox. Repeat as needed to check all the desired Contacts.
   - Press the **Mark All** (right) soft key (🔲).

Note: To unmark a marked Contact, highlight the Contact and press the **MARK** key (🔲) to clear the checkmark.

5. When you have marked the Contacts you want to add to the group, press the **Done** (left) soft key (🔲). "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. In standby mode, press the **MENU** key (⌨), then press ▤ (for **Contacts**) and ▤ for **Group**. The **Group List** screen appears in the display.

2. Use the navigation keys to highlight the Group name other than **No Group** that you wish to change, then press the **Options** (right) soft key (🔲). The following options popup in the display:

   - **Send Text Msg**
   - **Send PIC Msg**

- **Send Video Msg**
- **Rename**
- **Erase**
- **Add**

3. Use the Up and Down navigation keys to highlight **Rename**, then press the ⌷ key.

   The **Rename Group** screen appears in the display.

4. Enter changes to the group name using the keypad. (See *"Entering Text"* on page 48 for more information.)

5. When you have completed your changes to the Group name, press the **SAVE** key (⌷).

   "**Group Renamed**" appears in the display followed by the Group List screen showing your renamed Group.

Add a New Group

The New option lets you add Groups.

1. In standby mode, press the **MENU** key (⌷), then press ⬛ (for **Contacts**) and ⬛ for **Group**. The **Group List** screen appears in the display.

2. Press the **New** (left) soft key (⬛). The **New Group** screen appears in the display.

3. Enter a new group name using the keypad. (See *"Entering Text"* on page 48 for more information.)

4. When you have completed entering the new Group name, press the **SAVE** key (⌷).

   "**Group Saved**" appears in the display followed by the Group List screen showing your new Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. In standby mode, press the **MENU** key (⌷), then press ⬛ (for **Contacts**) and ⬛ for **Group**. The **Group List** screen appears in the display.

2. Use the Up and Down navigation keys to highlight the Group that you wish to delete, then press the **Options** (right) soft key ( ). The following options popup in the display:

- **Send Text Msg**
- **Send PIC Msg**
- **Send Video Msg**
- **Rename**
- **Erase**
- **Add**

3. Use the Up and Down navigation keys to highlight **Erase**, then press the key.

   You are prompted to confirm the Group erasure.

4. Press the **Yes** (left) soft key ( ) to confirm erasure of the Group. Press the **No** (right) soft key ( ) to retain the Group.

Sending Contacts Entries (V-card)

Use the **Send V-card** option to send one or more selected Contacts entries to another, compatible phone or other device over a Bluetooth connection.

1. Find the Contacts entry (or entries) you want to send to another phone. (See *"Finding a Contacts Entry"* on page 54 for more information.)

2. Use the navigation keys to highlight the desired entry.

3. Press the **Options** (right) soft key ( ), then select the **Send V-card** option. The **Send V-card** screen appears in the display with the highlighted Contacts entry marked.

4. Use the Up and Down navigation keys to highlight any other Contacts entries you wish to send and press the **MARK** key ( ) to mark these entries for sending.

5. Press the **Done** (left) soft key ( ). The **Bluetooth** registered device list screen appears in the display.

Note: For more information on adding Bluetooth devices to your phone's Registered Device list, see *"Registered List"* on page 133.

6. Use the Up and Down navigation keys to highlight the name of the receiving device, then press the key.

   If Bluetooth is turned off on your phone, you are prompted to "**Turn Bluetooth On?**" [To turn Bluetooth on, press the **Yes** (left) soft key ( ).]

Your phone automatically connects with the other device and sends the selected Contact entries.

Note: For information on turning off the Bluetooth connection, see *"Bluetooth"* on page 131.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (See *"Finding a Contacts Entry"* on page 54 for more information.)

2. Use the navigation keys to highlight the desired entry.

3. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **New Contact**
   - **Erase**
   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**
   - **Send V-card**
   - **Call**

4. Use the navigation keys to highlight **Erase**, then press the key. The phone prompts you to confirm the erasure.

5. Press the **Yes** (left) soft key ( ) to confirm erasure of the selected Contact. Press the **No** (right) soft key ( ) to retain the Contact.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

▶ In standby mode, press the **MENU** key ( ), then press (for **Contacts**) and for **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

Section 7: Games & Apps

Topics Covered

- Accessing Games & Apps
- Applications Shopping and Downloading
- Changing Your Games & Apps Settings
- Using On-line Help

With Games & Apps, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

This section outlines how to obtain games and other applications for your phone. For more information, contact your Wireless Carrier.

Accessing Games & Apps

Download games, ring tones, e-mail, and more using **Games & Apps**.

▶ In standby mode, do one of the following to launch **Games & Apps**:

- Press the Right navigation key.
- Press the **Menu** key (⬜), then press 🔘 (for **Games & Apps**) and 🔘 for **Games & Apps**. The Games & Apps screen appears in the display.

Applications Shopping and Downloading

1. In the Games & Apps screen, use the Left and Right navigation keys to highlight the **Games & Apps** icon (⬛), then press the ⬜ key.

    Your phone takes a moment to connect, then the **Games & Apps** Catalog menu appears in the display.

2. Follow the instructions in your phone's display.

Note: Please check with your Wireless Carrier for availability of applications.

Changing Your Games & Apps Settings

Use the **Settings** menu in Games & Apps to manage, move, order applications, and much more.

1. In the Games & Apps screen, use the Left and Right navigation keys to highlight the **Settings** icon ( ), then press the ⌧ key.

   The following options appear in the display:

   • **Order Apps** — Download applications over the network.
   • **Move Apps** — Move previously downloaded applications between available folders.
   • **Manage Apps** — View used and available memory.
   • **Main Menu View** — Select whether you wish to view the main **Games & Apps** menu in a list or small icon format.
   • **Screen Savers** — Select from a downloaded list of Screen Savers.
   • **Data Charge** — Select whether you wish to view data charge warning messages when accessing Games & Apps online functions.
   • **View Log** — View the **Games & Apps** log, which displays information about recent activity using **Games & Apps**.

2. Use the Up and Down navigation keys to highlight the desired option.

3. Press the ⌧ key to enter the option's sub-menu and view or change settings.

Using On-line Help

The Help sub-menu within **Games & Apps** is a short tutorial on several **Games & Apps** features. View information about charges, cancelling subscriptions, buying apps, disabling apps, and more.

1. In the Games & Apps screen, use the Left and Right navigation keys to highlight the **Help** ( ) icon, then press the ⌧ key. The **Help** screen appears in the display.

2. Use the Up and Down navigation keys to highlight the desired Help subject.

3. Press the ⌧ key to view the selected Help information.

Section 8: Messaging

Topics Covered

- Accessing Messaging
- Types of Messages
- Create and Send Text Messages
- Receive Text Messages
- Send Picture Messages in Camera Mode
- Send Picture Messages in Standby Mode
- Receive Picture Messages
- Send Video Messages in Camcorder Mode
- Send Video Messages in Standby Mode
- Message Boxes
- Erase Messages
- Message Settings

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Accessing Messaging

▶ In standby mode, do one of the following to access the **Messages** menu:

- Press the Up navigation key.
- Press the **Menu** key (☞), then press ▄▄ for **Messages**.

The **Messages** menu appears in the display, showing the following options:

- **Send Messages**
- **Inbox**
- **Outbox**
- **Drafts**
- **Voicemail**
- **Erase messages**

- **Msg Settings**

Types of Messages

Your phone is able to send and receive Text, Picture, and Video messages to compatible phones and devices. Text messages can be up to 150 characters in length.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message lengths.

Create and Send Text Messages

1. In standby mode, press the Up navigation key, then press ![icon] (for **Send Message**) and ![icon] for **Text Message**. The **Create Text Msg** screen appears in the display showing the **To:** list.

2. Select or enter the phone number(s) or e-mail address(es) for 1 to 10 recipients, by doing one or both of the following:

   - **Selecting recipient(s):**
     – Press the **Add** (right) soft key (![icon]).
     – Use the Up/Down navigation keys to highlight **Contacts**, **Groups**, or **Recent Calls**, then press ![ok]. (For more information, see *"Finding a Contacts Entry"* on page 54, *"Contacts Groups"* on page 65, and *"Call Functions"* on page 27.)
     – Use the Up/Down navigation keys to highlight a particular Contacts entry, Contacts Group, or call.
     – Press the ![ok] key to MARK your selection, then press the **Done** (left) soft key (![icon]). You are returned to the **Create Text Msg** screen with your selected Contacts, Group, or number populating a **To:** field.
   - **Entering recipient phone number(s) or e-mail address(es):**
     – If needed, press the Left soft key (![icon]) to change the text input mode.
     – Use the keypad keys to enter a phone number or e-mail address.
     (For more information, see *"Entering Text"* on page 48.)

3. When you have selected/entered all the addresses for this message, press the **OK** key (![ok]). The **Text:** field appears in the display.

4. Enter the text content of your message using the keypad. (See *"Entering Text"* on page 48 for more information.) At any point while composing a message:

   - If needed, press the left soft key (![icon]) to change the text entry mode. (For more information, see *"Entering Text"* on page 48.)

- Press the **Options** (right) soft key () to help complete the message text, to set message send options, and to dispose of this message other than sending it. The following options appear in the display:
  – **Preset Msgs** — Insert pre-composed text in your message.
  – **Save As Draft** — Save the message to your Draft folder.
  – **Save As Preset** — Save the message text as a Preset Message.
  – **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.
  – **Delivery** — Specify whether you want a **Msg Receipt** when your messages are received, the **Priority** of your messages (**Urgent** or **Normal**), whether to include your callback number (**CB#**) in your messages, whether to include your **Signature** in your messages.
  – **Cancel Msg** — Cancel sending this message. You are prompted to save this message in your Drafts folder.

5. Once you've finished addressing and composing your message, press the **SEND** key (⌷) to send your message to the recipient(s).

Receive Text Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and "**New Message**" appears in the display along with the closed envelope icon (⌷). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Use the Up/Down navigation keys to highlight your choice, then press the ⌷ key.

Receive Messages While in a Call

When you receive a message while in a call, "**New Message**" appears in the display along with the closed envelope icon (⌷). The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Erase Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, and returns your phone to call mode.

Use the Up and Down navigation keys to highlight the desired option, then press the ⌷ key.

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

Tip: You can send a Picture message to up to 10 recipients. Enter each recipient's address or phone number in a separate **Send To**, **CC**, or **BCC** field of the **Create Pic Msg** screen.

1. In standby mode, press and hold the Camera key (🔲). The camera viewfinder screen appears in the display.

2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press the **TAKE** key (⌑) to take a picture.

Note: For more information about using the camera feature in your phone, see *"Multimedia"* on page 101.

3. Press the **SEND** key (⌑) to save the picture and begin the picture messaging process. The **Create Pic Msg** screen appears in the display with the **Send To** tab and the **To:** list highlighted.

4. Select or enter the phone number(s) or e-mail address(es) for 1 to 10 recipients. (For more information, see Step 2 of *"Create and Send Text Messages"* on page 73.)

    As needed, use the Left/Right navigation keys to select to add **CC** (Carbon Copy) and **BCC** (Blind Carbon Copy) recipients to your message.

5. Press the **OK** key (⌑). The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (See *"Entering Text"* on page 48 for more information.)

6. Press the Down navigation key to highlight the **Text:** field, then enter the message text using the keypad. (See *"Entering Text"* on page 48 for more information.)

7. Your new picture appears in the **PIC:** field.

8. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound:** field and do the following; otherwise, proceed to step 10.

    *   Press the **Sounds** (left) soft key (🔲). The **My Sounds** screen appears in the display showing the following options:
        *   **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

> – **Audio files list** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.
>
> Use the Up/Down navigation keys to highlight an option, then press the ⌧ key to select the option and insert a sound into your message.
>
> Press ◼◼◼ to exit the pop-up menu without inserting a sound.

9. Press the **Options** (right) soft key (▊) to help complete the message text and set message send options. The following options appear in the display:

- **Preview** — View the picture as the recipient will see it.
- **Add Preset Msg** — Insert pre-composed text in your message.
- **Save As Draft** — Save the message to your Draft folder.
- **Priority Level** — Choose **High**, **Normal**, or **Low**.
- **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Delivery Ack** — Returns a message acknowledging that this message has been delivered. (Contact your Wireless Provider for availability.)
- **Remove PIC** — Remove the picture from your message.
- **Remove Sound** — Remove the sound file from your message.
- **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

Use the Up and Down navigation keys to highlight an option, then press the ⌧ key to invoke the option.

10. Press the **SEND** key (⌧) to send the message. "**Sending Message**" appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby Mode

Send Picture messages to recipients with a compatible phone or other device, and accompany the Picture message with a voice memo, ring tone, or downloaded melody.

Tip: You can send a Picture message to up to 10 recipients. Enter each recipient's address or phone number in a separate **Send To**, **CC**, or **BCC** field of the **Create Pic Msg** screen.

1. In standby mode, press the Up navigation key, then press ◼◼ (for **Send Message**) and ◼◼ for **Picture Message**. The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted and showing the **To:** list.

2. Select or enter the phone number(s) or e-mail address(es) for 1 to 10 recipients. (For more information, see Step 2 of *"Create and Send Text Messages"* on page 73.)

   As needed, use the Left/Right navigation keys to select to add **CC** (Carbon Copy) and **BCC** (Blind Carbon Copy) recipients to your message.

Tip: Press the **Add** (right) soft key ([📷]) to display a pop-up menu containing: **Contacts**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **Send To:** list.

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3. Press the **OK** key (⌐ok⌐). The **Subject:** field appears in the display. Enter a subject for the Picture message using the keypad. (See *"Entering Text"* on page 48 for more information.)

4. Press the Down navigation key to highlight the **Text:** field, then enter the message text using the keypad. (See *"Entering Text"* on page 48 for more information.)

5. Press the Down navigation key to highlight the **PIC:** field, then press the **My PIC** (left) soft key ([📷]). A photo gallery of thumbnail images appears in the display.

6. Use the navigation keys to highlight a picture to be added to your message, then do the following:
   • If you want, press the **VIEW** (left) soft key ([📷]) to expand the highlighted picture to full-screen size.
   • If you want to include a new picture, press the **Camera** (right) soft key ([📷]).

Note: For more information about using the camera feature in your phone, see *"Multimedia"* on page 101.

   • Press the **OK** key (⌐ok⌐) to add the highlighted picture to your message.
   You are returned to the **Create Pic Msg** screen with the selected picture in the **PIC:** field.

7. If you wish to insert a sound into your Picture message, use the Down navigation key to highlight the **Sound:** field and do the following; otherwise, proceed to step 8.
   • Press the **Sounds** (left) soft key ([📷]). The **My Sounds** screen appears in the display showing the following options:
     – **Record New** — Record a new memo to insert into the message.

Note: You can record and insert a voice memo of up to 60 seconds in length, if you record first before attaching a picture. If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

– **Audio files list** — Select from the list of previously recorded voice memos and preloaded audio files on your phone.

Use the Up/Down navigation keys to highlight an option, then press the ⌁ key to select the option and insert a sound into your message.

Press ⌁ to exit the pop-up menu without inserting a sound.

8. Press the **Options** (right) soft key (▨) to complete the message text and set message send options. The following options appear in the display:

- **Preview** — View the picture as the recipient will see it.
- **Add Preset Msg** — Insert pre-composed text in your message.
- **Save As Draft** — Save the message to your Draft folder.
- **Priority Level** — Choose **High**, **Normal**, or **Low**.
- **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Delivery Ack** — Returns a message acknowledging that this message has been delivered. (Contact your Wireless Provider for availability.)
- **Remove PIC** — Remove the picture from your message.
- **Remove Sound** — Remove the sound file from your message.
- **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

Use the Up/Down navigation keys to highlight an option, then press the ⌁ key to invoke the option.

9. Press the **SEND** key (⌁) to send the message. "**Sending Message**" appears in the display and a progress bar indicates the send status.

Receive Picture Messages

When you receive a Picture Message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (▨). The date and time of the message also appear in the display along with the following options:

- **View Now** — Retrieves and opens the message, where you have the option to Reply, Forward, Delete, Save Text, Save Pic, or Save Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Use the Up and Down navigation keys to highlight the desired option, then press the ⌁ key.

View a Picture Message Later

1. In standby mode, press the Up navigation key, then press ▨ (for **Inbox**). The Inbox appears in the display.

2. If the new picture message is not highlighted, use the Up and Down navigation keys to highlight the new message.

3. Press the ⌧ key. "Connecting" appears in the display followed by "Retrieving" and a progress bar indicating that the message is downloading to your phone.

4. Once a Picture message has been downloaded to your phone, the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

Note: For more information on viewing and managing received picture messages, see *"Inbox"* on page 84.

View a Picture Message Now

1. After you select the **View Now** option, "**Connecting**" appears in the display followed by "**Receiving Message**" and a progress bar indicating that the message is downloading to your phone.

2. After the Picture message has downloaded, an alert sounds, and the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

3. While viewing your message press the **Options** (right) soft key ( ). The following options appear in the display:

   - **Replay** — Play the sound file included in the picture message again.
   - **Forward** — Send a copy of this message to another recipient.
   - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Save Sound** — Save the sound file included in this message to the My Sounds folder.
   - **Save Pic** — Save the picture included in this message to the My Images folder.
   - **Save Quick Text** — Save the text in this message as a new Preset Message.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the ⌧ key to perform the function for the highlighted option.

Note: For more information on received picture message options, see *"Inbox"* on page 84.

Send Video Messages in Camcorder Mode

Newly recorded Video clips can be sent in Video messages to recipients with compatible phones or devices .

Tip: You can send a Video message to up to 10 recipients. Enter each recipient's address or phone number in a separate **Send To**, **CC**, or **BCC** field of the **Create Video Msg** screen.

1. In standby mode, press and hold the Camera key (⬛). The camera viewfinder screen appears in the display.

2. Press and hold the Camera key (⬛) a second time. The camcorder viewfinder screen appears in the display.

3. Using the display as a viewfinder, when the image that you wish to send appears in the display, press the **REC** key (⬛) to record a video clip.

Note: For more information about using the camcorder feature in your phone, see *"Multimedia"* on page 101.

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4. To end video recording, press the **STOP** key (⬛).

5. Press the **SEND** key (⬛) to save the video clip and begin the video messaging process. The **Create Video Msg** screen appears in the display with the **Send To** tab and the **To:** list highlighted.

6. Select or enter the phone number(s) or e-mail address(es) for 1 to 10 recipients. (For more information, see Step 2 of *"Create and Send Text Messages"* on page 73.)

   As needed, use the Left/Right navigation keys to select to add **CC** (Carbon Copy) and **BCC** (Blind Carbon Copy) recipients to your message.

7. Press the **OK** key (⬛). The **Subject:** field appears in the display. Enter a subject for the Video message using the keypad. (See *"Entering Text"* on page 48 for more information.)

8. Press the Down navigation key to highlight the **Text:** field, then enter the message text using the keypad. (See *"Entering Text"* on page 48 for more information.)

9. Your new video appears in the **Video:** field.

10. Press the **Options** (right) soft key (⬛) to help complete the message text and set message send options. The following options appear in the display:

    • **Preview** — View the picture as the recipient will see it.
    • **Add Preset Msg** — Insert pre-composed text in your message.

- **Save As Draft** — Save the message to your Draft folder.
- **Priority Level** — Choose **High**, **Normal**, or **Low**.
- **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Delivery Ack** — Returns a message acknowledging that this message has been delivered. (Contact your Wireless Provider for availability.)
- **Remove Video** — Remove the video clip from your message.
- **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

Use the Up and Down navigation keys to highlight an option, then press the ⌧ key to invoke the option.

11. Press the **SEND** key (⌧) to send the message. "**Sending Message**" appears in the display and a progress bar indicates the send status.

Send Video Messages in Standby Mode

Send saved Video clips in Video messages to recipients with a compatible phone or other device.

Tip: You can send a Video message to up to 30 recipients. Enter each recipient's address or phone number in a separate **Send To**, **CC**, or **BCC** field of the **Create Video Msg** screen.

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1. In standby mode, press the Up navigation key, then press ▮▮▮ (for **Send Message**) and ▮▮▮ for **Video Message**. The **Create Video Msg** screen appears in the display with the **Send To** tab highlighted and showing the **To:** list.

2. Select or enter the phone number(s) or e-mail address(es) for 1 to 10 recipients. (For more information, see Step 2 of *"Create and Send Text Messages"* on page 73.)

   As needed, use the Left/Right navigation keys to select to add **CC** (Carbon Copy) and **BCC** (Blind Carbon Copy) recipients to your message.

Tip: Press the **Add** (right) soft key (▮) to display a pop-up menu containing: **Contacts**, **Groups**, and **Recent Calls**. These options allow you to find and add recipients to the **Send To:** list.

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3. Press the **OK** key (⌧). The **Subject:** field appears in the display. Enter a subject for the Video message using the keypad. (See *"Entering Text"* on page 48 for more information.)

4. Press the Down navigation key to highlight the **Text:** field, then enter the message text using the keypad. (See *"Entering Text"* on page 48 for more information.)

5. Press the Down navigation key to highlight the **Video:** field, then press the **My Videos** (left) soft key (![icon]). A video gallery of thumbnail images appears in the display.

6. Use the navigation keys to highlight a video to be added to your message, then do the following:
   - If you want, press the **Play** (left) soft key (![icon]) to expand the highlighted video to full-screen size.
   - If you want to include a new video, press the **Video** (right) soft key (![icon]).

Note: For more information about using the camcorder feature in your phone, see *"Multimedia"* on page 101.

   - Press the **OK** key (![icon]) to add the highlighted video to your message.
     You are returned to the **Create Video Msg** screen with the selected video clip in the **Video:** field.

7. Press the **Options** (right) soft key (![icon]) to complete the message text and set message send options. The following options appear in the display:
   - **Preview** — View the picture as the recipient will see it.
   - **Add Preset Msg** — Insert pre-composed text in your message.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Choose **High**, **Normal**, or **Low**.
   - **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Delivery Ack** — Returns a message acknowledging that this message has been delivered. (Contact your Wireless Provider for availability.)
   - **Remove Video** — Remove the video clip from your message.
   - **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.

   Use the Up/Down navigation keys to highlight an option, then press the ![icon] key to invoke the option.

8. Press the **SEND** key (![icon]) to send the message. "**Sending Message**" appears in the display and a progress bar indicates the send status.

Receive Video Messages

When you receive a Video Message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon (⬛). The date and time of the message also appear in the display along with the following options:

- **View Now** — Retrieves and opens the message, where you have the option to Reply, Forward, Delete, Save Text, Save Video, or Save Msg.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Use the Up and Down navigation keys to highlight the desired option, then press the ⬛ key.

View a Video Message Later

1. In standby mode, press the Up navigation key, then press ⬛ (for **Inbox**). The Inbox appears in the display.

2. If the new picture message is not highlighted, use the Up and Down navigation keys to highlight the new message.

3. Press the ⬛ key. "Connecting" appears in the display followed by "Retrieving" and a progress bar indicating that the message is downloading to your phone.

4. Once a Picture message has been downloaded to your phone, the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.

Note: For more information on viewing and managing received Video messages, see *"Inbox"* on page 84.

View a Video Message Now

1. After you select the **View Now** option, "**Connecting**" appears in the display followed by "**Receiving Message**" and a progress bar indicating that the message is downloading to your phone.

2. After the Video message has downloaded, an alert sounds, and the new Video message appears in the display and the phone begins playing it.

3. While viewing your message press the **Options** (right) soft key (⬛). The following options appear in the display:
   - **Replay** — Play the video clip included in the Video message again.
   - **Forward** — Send a copy of this message to another recipient.

- **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
- **Save Video** — Save the video included in this message to the My Videos folder.
- **Save Quick Text** — Save the text in this message as a new Preset Message.
- **Lock / Unlock** — Block/permit erasure of the highlighted message.
- **Add To Contacts** — Save the sender's number to your Contacts.
- **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the 🔲 key to perform the function for the highlighted option.

Note: For more information on received Video message options, see *"Inbox"* on page 84.

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**.

1. In standby mode, press the Up navigation key, then press 2️⃣ for **Inbox**. A list of incoming messages appears in the display.

Tip: While in a call, press the Options (right) soft key ( ), then press to open the **Messages** menu.

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2. Use the navigation keys to highlight the message that you wish to view.

3. Press the 🔲 key to view contents of the highlighted message.

4. While viewing your message press the **Options** (right) soft key ( ). The following options appear in the display:

- **Reply** — Compose and send a reply message to the originator of the highlighted message.
- **Reply With Copy** — Compose and send a reply message to the originator of the highlighted message and include a copy of the original message.
- **Forward** — Send a copy of this message to another recipient.
- **Lock / Unlock** — Block/permit erasure of the highlighted message.
- **Save Sound** — Picture Messages Only — Save the audio file (sound) included in this message to the My Sounds folder.
- **Save Pic** — Picture Messages Only — Save the picture included in this message to the My Images folder.
- **Save Video** — Video Messages Only — Save the video clip included in this message to the My Videos folder.

- **Save Preset Message** — Save the text in this message as a new Preset Message.
- **Add To Contacts** — Save the sender's number to your Contacts.
- **Erase Inbox** — Deletes selected unlocked messages from the Inbox.
- **Message Info** — Shows message delivery status, addressee, size, and so on.

5. Use the navigation keys to highlight an option. Press the ⬛ key to perform the function for the highlighted option.

Managing Inbox Messages

1. In standby mode, press the Up navigation key, then press ⬛ for **Inbox**. A list of incoming messages appears in the display.

2. Use the navigation keys to highlight a message in the list.

3. Press the **Erase** (left) soft key (⬛) to remove the highlighted message from the Inbox.

   Press the **Options** (right) soft key (⬛). The following options appear in the display:

   - **Reply** — Compose and send a reply message to the originator of the received message.
   - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Forward** — Send a copy of this message to another recipient.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Erase Inbox** — Delete all unlocked messages from the Inbox.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the ⬛ key to perform the function for the highlighted option.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Enh. Delivery Ack/Delivery Ack feature.

Review Messages in the Outbox

1. In standby mode, press the Up navigation key, then press ⬛ for **Outbox.** Your list of sent messages appear in the display.

2. Use the navigation keys to highlight a message that you wish to review, then press the ⬛ key.

3. While viewing your message press the **Options** (right) soft key (⬛). The following options appear in the display:

- **Play Again** — Replays the selected message.
- **Forward** — Send the highlighted message to another recipient.
- **Erase** — Deletes the selected message.
- **Lock / Unlock** — Block/permit erasure of the highlighted message.
- **Save Preset Message** — Save the message text as Preset Message for insertion into other messages.
- **Add To Contacts** — Save the recipient's number to your Contacts.
- **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the ⬛ key to perform the function for the highlighted option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Managing Outbox Messages

1. In standby mode, press the Up navigation key, then press ⬛ for **Outbox.** Your list of sent messages appear in the display.

2. Use the navigation keys to highlight a message.

3. Press the **Erase** (left) soft key (⬛) to remove the highlighted message from the Inbox.

   Press the **Options** (right) soft key (⬛). The following options appear in the display:

- **Forward** — Send the highlighted message to another recipient.
- **Resend** — Re-send the highlighted message to the original recipient.
- **Lock / Unlock** — Block/permit erasure of the highlighted message.
- **Add To Contacts** — Save the recipient's number to your Contacts.
- **Erase Outbox** — Delete all unlocked messages from the Outbox.
- **Message Info** — Shows message delivery status, addressee, size, and so on.

4. Use the navigation keys to highlight an option. Press the ⬛ key to perform the function for the highlighted option.

Draft Box

Messages in the Draft Box are those that have been composed but never sent. You can return to the Draft Box at any time to view, edit, or send a draft message.

Create a Draft Message

1. In standby mode, press the Up navigation key, then press (for **Send Message**) and (for **Text Message**) or (for **Picture Message**). The **Create Text Msg** screen or **Create Pic Msg** screen appears in the display showing the **To:** list.

2. Enter the phone Number or E-Mail address of the recipient, then press the key.

3. Compose your message using the keypad, then press the **Options** (right) soft key ( ).

4. Use the navigation keys to highlight **Save As Draft**, then press the key. A confirmation message appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. In standby mode, press the Up navigation key, then press for **Drafts**. A list of any draft messages that you've saved appears in the display.

2. Use the navigation keys to highlight a text message that you wish to view or edit, then press the key. The message text edit screen appears in the display.

3. Enter or change the recipient's number and/or e-mail address and the message text using the keypad. (See *"Entering Text"* on page 48 for more information.)

4. Press the **Options** (right) soft key ( ) to complete the message text and set message send options. The following options appear in the display:
   – **Preset Msgs** — Insert pre-composed text in your message.
   – **Save As Draft** — Save the message to your Draft folder.
   – **Save As Preset** — Save the message text as a Preset Message.
   – **Add To Contacts** — Save the recipient's number or e-mail address as a Contacts list entry.
   – **Delivery** — Specify whether you want a **Msg Receipt** when your messages are received, the **Priority** of your messages (**Urgent** or **Normal**), whether to include your callback number (**CB#**) in your messages, whether to include your **Signature** in your messages.
   – **Cancel Msg** — Cancel sending this message. You are prompted to save this message in your Drafts folder.

5. Use the navigation keys to highlight the desired option, then press the key to perform the function for the highlighted option.

6. When you have completed composing your message, press the ⌨ key to send it.

View and Edit Draft Picture/Video Messages

1. In standby mode, press the Up navigation key, then press **4** for **Drafts**. A list of any draft messages that you've composed appears in the display.

2. Use the navigation keys to highlight the Picture/Video message that you wish to view, then press the **EDIT** (⌨) key. The message edit screen appears in the display.

3. Make any needed changes and press the **Options** (right) soft key (⬛). The following options appear in the display:
    *   **Preview** — Shows the message contents.
    *   **Add Preset Msg** — Insert pre-composed text into your message text.
    *   **Save As Draft** — Saves the changed message to the Draft Box.
    *   **Priority Level** — Choose **High**, **Normal**, or **Low**.
    *   **Validity Period** — Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
    *   **Delivery Ack** — Select whether to receive an acknowledgement when this message is delivered.
    *   **Remove Pic** — Remove image included in draft message.
    *   **Remove Sound** — Remove sound file included in draft message.
    *   **Remove Video** — Remove video clip included in draft message.
    *   **Add To Contacts** — Save the recipient's number or e-mail address to your Contacts.

4. Use the navigation keys to highlight an option. Press the ⌨ key to perform the function for the highlighted option.

Managing Draft Messages

1. In standby mode, press the Up navigation key, then press **4** for **Drafts**. A list of any draft messages that you've composed appears in the display.

2. Use the navigation keys to highlight a message.

3. Press the **Erase** (left) soft key (⬛) to remove the highlighted message from the **Drafts** box.

    Press the **Options** (right) soft key (⬛). The following options appear in the display:
    *   **Send** — Send the highlighted message to the original recipient, if the recipient's number and/or e-mail address is included with the draft message.
    *   **Lock** / **Unlock** — Block/permit erasure of the highlighted message.

- **Add To Contacts** — Save the recipient's number and/or e-mail address to your Contacts.
- **Save Preset Msg** — Save the message text as Preset Message for insertion into other messages.
- **Erase Drafts** — Delete all unlocked draft messages.

4. Use the navigation keys to highlight an option. Press the ⌾ key to perform the function for the highlighted option.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messages** menu. Open the Voicemail box to view the **Callback #** (if available), **Urgency**, and other details of the Voicemail message.

Listen to Voicemail Now

Once you've received a new voicemail message, you have the option to either:

• **Listen Now** — Calls your voice mailbox and allows you to listen to your messages.
• **Listen Later** — Returns you to standby mode where you can later choose to call your mailbox and review your messages.

▶ Use the Up and Down navigation keys to highlight the desired option, then press the ⌾ key.

Listen to Voicemail Later

If you have chosen to review your voicemail messages at a later time:

1. In standby mode, press the Up navigation key, then press **5** for **Voicemail**. The Voicemail screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.

2. Press the 📞 key or the ⌾ key to call your voice mailbox and listen to the message.

Note: You can also press and hold **1** to dial your voice mailbox.

Erase Messages

You can erase all of the messages in each your boxes from one convenient location.

Note: This function erases all messages in the selected box. To delete a single message, open the box from the **Messages** menu, then delete the message from the **Options** menu while viewing the message content.

1. In standby mode, press the Up navigation key, then press 🔘 for **Erase Messages**. The following options appear in the display:
   - **Inbox** — Deletes all unlocked messages stored in the Inbox.
   - **Outbox** — Deletes all unlocked messages stored in the Outbox.
   - **Drafts** — Deletes all unlocked messages stored in the Drafts box.
   - **All Messages** — Deletes all unlocked messages stored in all of the message boxes, except Voicemail.

2. Use the navigation keys to highlight the box containing the messages that you wish to delete.

3. Press the 🔘 key. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.

4. Press the **Yes** (left) soft key (🔳) to delete the messages. Press the **No** (right) soft key (🔳) cancel deleting the messages.

Message Settings

Use the **Msg Settings** sub-menus to define settings for messages.

1. In standby mode, press the Up navigation key, then press 🔘 for **Msg Settings**. The following options appear in the display.
   - **Notification** — Choose whether new messages are indicated by **Msg. & Icon**, or by **Icon Only**.
   - **Auto Save** — Choose whether your messages are saved automatically when you exit them (**Auto Save, Do not Save, Prompt**).
   - **Auto Erase** — Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
   - **Auto View** — Choose whether to automatically view received messages.
   - **Entry Mode** — Choose the default method for entering text into messages (**T9 Word**, **Abc**, **ABC**, **123**).
   - **CB#** — Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
   - **VM#** — Edit or view your Voicemail number.
   - **Signature** — Choose whether to include a text signature in outgoing message text, and enter the text to be included.
   - **Preset Msgs** — Edit your pre-composed messages, which can then be inserted into new messages.
   - **Auto Scroll** — Message text automatically scrolls, showing the entire message text in the display.
   - **Messaging Font Size** — Sets message text font size in the display.

2. Use the navigation keys to highlight the desired option. Press the 🔘 key to enter the highlighted option's sub-menu.

Editing and Entering Preset Messages

1. In standby mode, press the Up navigation key, then press ⁷ (for **Msg Settings**) and ⁹ for **Preset Msgs**. The **Preset Msgs** sub-menu appears in the display.

2. Use the navigation keys to highlight a Preset Message you want to change, then press the ⌧ key. (You cannot change the pre-defined Preset Message included with your phone.)

   Press the **New** (right) soft key ( ) to create a new Preset Message.

Tip: You can also create new Preset Message by doing one of the following:

Viewing/editing an Outbox message and using the **Save Preset Message** option in the **Options** menu. See *"Review Messages in the Outbox"* on page 85 for more information.

Highlighting a Draft message and using the **Save Preset Message** option in the **Options** menu.

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3. Enter/change the text content of your Preset Message using the keypad. (See *"Entering Text"* on page 48 for more information.)

   Press the (left) soft key ( ) to change Text Input Mode.

4. Once you're finished entering your Preset Message, press the **OK** key (⌧). The **Preset Msgs** menu appears in the display with your new Preset Message highlighted.

Section 9: Browser

Topics Covered

- Browser
- Launching Browser
- Using Browser
- Using Links
- How Browser Keys Work

This section outlines how to launch Browser, how to navigate to other pages on the web, and how the keys on the keypad are used with the web application. Additionally, links to other sites are briefly discussed.

Browser

With Browser, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch Browser, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored Web Content

Browser ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching Browser

1. In standby mode, do one of the following to launch **Browser**:
    - Press the Left navigation key.
    - Press the **Menu** key ( ), then press (for **Browser**) and for **Go to Web**.
2. A list of categories (each representing one or more web sites) appears in the display.

3. Use the navigation keys to browse the categories.

4. Once the desired category is highlighted, press the ✓ (left) soft key (▐▐) to enter the category list.

Exit Browser

▶   Press 🔲 to exit **Browser**.

Using Browser

When you use Browser, some of the keys operate differently than during a normal phone call. Browser presents on-screen items in any of the following ways:

• Text or numeric input.

• Links (embedded in content).

• Numbered options (some may not be numbered).

• Simple text.

You can act upon options or links by using the soft keys.

Browser soft keys

the bottom of the Browser display is a bar that contains browser commands. The Left and Right (▐▐ ▐▐) soft keys on the keypad are used to execute the command that appears above them in the display. These are called "soft keys" because their function changes depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the left soft key (▐▐) to select a link when it is highlighted.

How Browser Keys Work

The following table lists Browser keys and their functions.

🔲 **navigation keys** — Use to browse lists and options

🔲 **CLR Key** — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page.

Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.

Asterisk/Shift Key — Press before entering text to enable uppercase characters.

Next Key — Press to enter a zero (0), or to display another word in the dictionary when in T9 Word entry mode.

Pound/Space Key — Press to insert a space when entering text.

Number 1 thru 9 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit the Browser and return the phone to standby mode.

Left Soft Key — Press to activate the command that appears above it in the display.

Right Soft Key — Press to activate the command that appears above it in the display.

Section 10: Voice SVC

Topics Covered

- Voice SVC Options
- Voice Commands
- Voice Settings

This section explains how you can use and customize your phone's VoiceSignal voice recognition feature.

Voice SVC Options

Your r610 includes VoiceSignal, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools/Utilities. To access your phone's voice recognition, do the following:

1. In standby mode, press the **Menu** key (⊙), then press ⑧ for **Voice SVC**. The following options appear in the display:

    - **Voice Command** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 29 and *"Voice Method"* on page 54 for more information.
    - **Voice Settings** — Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.
      See *"Digit Dialing"* on page 97 for more information.

2. Use the navigation keys to highlight the desired sub-menu, then press the ⊙ key.

Voice Commands

To access the Voice Commands menu, do one of the following:

- In standby mode, press and hold the ⓪ key.
  "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.

- In standby mode, press the **Menu** key (⊙), then press ⑧ (for **Voice SVC**) and ① for **Voice Command**.

The following voice commands appear in the display:

- **Call <Name or #>** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (See *"Voice Dialing"* on page 29 for more information.

- **Send Text <Name>** — Lets you access Create Text Message.

- **Send Picture <Name>** — Lets you access Create Picture Message.

- **Lookup <Name>** — Lets you find a Contact by name and review the Contact's information.

- **Go to <Menu>** — Lets you access the following list of your phone's features and functions:
  - **Recent Calls**
  - **Messages**
  - **Contacts**
  - **Multimedia**
  - **Browser**
  - **Games & Apps**
  - **Tools**
  - **Voice SVC**
  - **Settings**

- **Check <Item>** — Lets you say a single command (such as "**Status**") to verify your phone's: **Status**, **Signal**, **Network**, **Battery**, or **My Phone #**.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognized the command, it tells you "**Sorry, no match found**" and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice Settings

Choice Lists

When VoiceSignal cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one.

You can select how VoiceSignal will use choice lists with name dialing, digit dialing, and contacts.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **Menu** key (⊙⊙), then press **8** (for **Voice SVC**), **2** (for **Voice Settings**), and **1** for **Choice Lists**.

2. Use the navigation keys to highlight the Choice List behavior you prefer:

   • **Automatic** — VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.

   • **Always On** — VoiceSignal always displays a choice list, even when there is only one choice.

   • **Always Off** — VoiceSignal never displays a choice list.

3. Press the ⊙⊙ key or the **OK** (left) soft key ( ) to accept the new setting. Press the **CLR** key to discard the new setting and return to the **Voice Settings** menu.

Sensitivity

1. In standby mode, press the **Menu** key (⊙⊙), then press **8** (for **Voice SVC**), **2** (for **Voice Settings**), and **2** for **Sensitivity**.

2. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.

3. Press the ⊙⊙ key or the **OK** (left) soft key ( ) to accept the new setting. Press the **CLR** key to discard the new setting and return to the **Voice Setting** menu.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

• Use Adapt Digits in a quiet place.

• Make sure you wait for the beep before starting to speak.

• Speak clearly, and say each digit distinctly.

• If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.

• Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **Menu** key (ⓞⓚ), then press **8** (for **Voice SVC**), **2** (for **Voice Settings**), and **3** for **Digit Dialing**. The following options appear in the display:
   • **Adapt Digits**
   • **Reset Digits**

2. Use the navigation keys to highlight **Adapt Digits**, then press the ⓞⓚ key. Your phone displays text describing the Adapt Digits process.

3. Press the ⓞⓚ key. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.

4. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "**Did the recording sound ok?**"
   • If the recording was good, say "**Yes**."
   • If you need to re-record, say "**No**."
   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.
   Repeat this step until you're satisfied with the recording.

5. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.

6. After 10 sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."

7. Repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Digit Dialing** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **Menu** key (⌷), then press 8▾ (for **Voice SVC**), 2ₐᵦ꜀ (for **Voice Settings**), and 3ᵈᵉᶠ for **Digit Dialing**. The following options appear in the display:

   - **Adapt Digits**
   - **Reset Digits**

2. Use the navigation keys to highlight **Reset Digits**, then press the ⌷ key. The phone prompts you to confirm digit rest.

3. Press the **OK** (left) soft key (🔳) to reset your digit adaptation, or press the **Back** (right) soft key (🔳) to cancel.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **Menu** key (⌷), then press 8▾ (for **Voice SVC**), 2ₐᵦ꜀ (for **Voice Settings**), and 4ᵍₕᵢ for **Sound**. The following options appear in the display:

   - **Prompts** — On/Off — Enables or disables audio prompts.
   - **Digits** — On/Off — Enables or disables digit playback.
   - **Names** — On/Off — Enables or disables name playback.
   - **Name Settings** — Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.

2. Use the Up and Down navigation keys to highlight the desired option, then press the ⌷ key.

3. Use the Up and Down navigation keys to highlight the desired setting.

4. Press the ⌷ key or the **OK** (left) soft key (🔳) to accept the new setting. Press the ⎯CLR⎯ key to discard the new setting and return to the **Sound** menu.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **Menu** key (⌨), then press 🔲 (for **Voice SVC**), 🔲 (for **Voice Settings**), and 🔲 for **Voice Launch**. The following options appear in the display:

   - **Key Only** — Press and hold 🔲 to activate VoiceSignal for one call.
   - **Key/EarMic** — Attach a headset to your phone. Press and hold 🔲 or press and hold the button on a headset (wired or Bluetooth) to activate VoiceSignal.

2. Use the navigation keys to highlight the option you want, then press the ⌨ key or the **OK** (left) soft key (🔲) to save and exit. Press the 🔲 key to discard the new setting and return to the **Voice Settings** menu.

About

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. In standby mode, press the **Menu** key (⌨), then press 🔲 (for **Voice SVC**), 🔲 (for **Voice Settings**), and 🔲 for **About**.

   The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Section 11: Multimedia

Topics Covered

- Accessing Multimedia
- Camera-Camcorder
- Using My Images Gallery
- Using My Videos Gallery
- Using My Ringtones Gallery
- Using My Sounds Gallery
- Using Music Library

Use your r610 phone to take full color digital pictures and videos, display them on your phone's vivid color display, and instantly share them with family and friends.

You can use multimedia files to tailor your r610 phone to suit your personal tastes in ringtones, ringback tones, alerts, and images.

You can also use your r610 phone to store and play your favorite MP3 music files.

With **Games & Apps**, you can download personalized ringtones, pictures, and more. For more information, contact your Wireless Carrier.

Accessing Multimedia

To access your phones Multimedia functions, do one of the following:

- **Shortcut method** — In standby mode, press the Down navigation key.
- **Menu method** — In standby mode, press the **Menu** key (⌂), then press ▣ for **Multimedia**.

The **Multimedia** menu appears in the display showing the following options:

- **Camera** — Launches your phone's camera function.
- **Camcorder** — Launches your phone's camcorder function.
- **My Images** — Accesses the folder(s) where the camera function stores photos.
- **My Videos** — Accesses the folder(s) where the camcorder function stores video clips.

- **My Ringtones** — Accesses the folder(s) where ringtones (preloaded and downloaded) are stored.
- **My Sounds** — Accesses the folder(s) where sound files (preloaded and recorded) are stored.
- **Music Library** — Accesses the folder(s) where music files (manually copied and downloaded) are stored.
- **Ringback Tones** — Accesses your Wireless Carrier's server where ringback tones are stored. (For more information and availability, contact your Wireless Carrier.)

Camera-Camcorder

Taking Pictures

Taking pictures and recording videos with the built-in camera-camcorder is as simple as choosing a subject, pointing the lens (located on the rear of your phone, at the top), and pressing a button.

Taking Snap Shots (Single Pictures)

To take a single picture using the current camera settings, do the following:

1. In standby mode, press and hold the Camera key (▣) on the right side of the phone. The message "**Loading**" appears in the display followed by a camera view finder screen. (For more information, see *"Screen Layouts"* on page 105.)

My Images TAKE Options

Note: You can also activate the camera by pressing the **MENU** key (⬭), then press ▣ (for **Multimedia**) and ▣ for **Camera**.

2. Using the display as a viewfinder, point the camera at your subject.

3. Press the **TAKE** key (⬭) when the image that you wish to capture appears in the display, then do one of the following:
   - Press the **Save** (left) soft key (▣) to save the photo to memory.
   - Press the **Send** key (⬭) to save the photo and send a copy of it in a picture message. (For more information on sending photos, see *"Send Picture Messages in Camera Mode"* on page 75.)
   - Press the **Erase** (right) soft key (▣) to erase the photo.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. See *"Camera Options"* on page 108 for more information.

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. In standby mode, press and hold the Camera key ( ) on the right side of the phone. The message "**Loading**" appears in the display followed by a camera view finder screen. (See *"Screen Layouts"* on page 105 for more information.)

Note: You can also activate the camera by pressing the **MENU** key ( ), then press (for **Multimedia**) and for **Camera**.

2. Press the **Options** (right) soft key ( ). The options menu bar appears at the bottom of the camera viewfinder screen.

3. Use the Left and Right navigation keys to highlight the **Multi Shot** icon ( ). The following **Multi Shot** options appear in the display:

   • **Series Shot** — Lets you take a series of 3 or 5 photos.

   • **Divided Shot** — Lets you take a mosaic of 4 or 9 photos.

   • **Auto/Manual** — Lets you select to take the multiple photos automatically (in quick succession) or to take each successive photo manually.

4. When you select **Series Shot** option and press the key. The following options appear in the display:

   • **Off**
   • **3**
   • **5**

   When you select **Divided Shot** and press the key, the following options appear in the display:

   • **Off**
   • **4**
   • **9**

5. Use the Up and Down navigation keys to highlight **3** or **5** (Series Shot) or **4** or **9** (Divided Shot), then press the key.

The Series Shot progress bar (![icon] 0/3 or
![icon] 0/5) or the Divided Shot icon (![icon] or ![icon]) (which acts as a progress bar while pictures are being taken) appears in the display.

6. Using the display as a viewfinder, point the camera lens at your subject.

7. Press the ⎡OK⎤ key when the image that you wish to capture appears in the display. The camera takes one picture (**Manual**) or multiple pictures in quick succession (**Auto**), then the Series Shot **Select to Save** screen or the Divided Shot multiple-photo screen appears in the display.

- **Series Shot:**
  - To save the pictures to memory, press the **Done** (left) soft key (![icon]).
  - To discard the pictures, press the ![CLR] key.
- **Divided Shot:**
  - To save the pictures to memory, press the **Save** (left) soft key (![icon]).
  - To send the picture to in a picture message, press the **Send** key (⎡OK⎤).
  - To discard the pictures, press the **Erase** (right) soft key (![icon]).

Taking Videos

To take a video using the current camcorder settings, do the following:

1. In camera mode, press and hold the **Camera** key (![icon]) on the right side of the phone, then press and hold the key again to toggle to video mode. The message "**Loading**" appears in the display followed by the camcorder view finder screen. (See *"Camcorder Screen"* on page 107 for more information.)
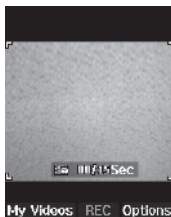
Note: You can also activate the camcorder by doing one of the following:

1. Pressing the **MENU** key (⎡OK⎤), then press ![4] (for **Multimedia**) and ![2] for **Camcorder**.

2. From the camera screen, by pressing the **Camera** key (![icon]).

3. From the camera screen, by pressing the **Options** (right) soft key, using the Left and Right navigation keys to highlight the Camcorder icon, and then pressing the ⎡OK⎤ key.

---

2. Using the display as a viewfinder, point the camera lens at your subject.

3. Press the **REC** (⎡OK⎤) key when the image that you wish to capture appears in the display. Recording continues until you press the **Stop** (⎡OK⎤) key or until 15 seconds of video has been recorded, whichever comes first.

4. Press the **Save** (left) soft key ( ) to save the video to memory.

5. Press the **Erase** (right) soft key ( ) to erase the video.

Screen Layouts

Camera Screen

When you choose the **Display All** option for your phone's **Icon Display** camera setting, the top line of the display shows most of the current camera settings icons and the picture counter. (For more information, see *"Icon Display"* on page 114.) The center of the display shows a viewfinder image of the subject at which the camera is pointed. A small shaded area on the right hand side of the screen shows the current white balance and memory settings. The soft key labels on the bottom line of the have the following functions:

• **My Images** — Pressing the Left soft key ( ) opens the **My Images** multimedia folder so you can view or manage your stored pictures. (See *"Using My Images Gallery"* on page 122 for more information.)

• **TAKE** — Pressing the ⌜ok⌟ key takes a picture of the image currently appearing on the display.

• **Options** — Pressing the right soft key ( ) opens a menu bar of camera options and settings.

Camera Screen Icons

  Camera — Indicates the camera is active.

  Quality — Indicates camera's picture quality setting. (You can change the picture quality setting. See *"Quality"* on page 117 for more information.)

  Camera Resolution — Indicates camera's current resolution setting. (You can change the camera resolution setting. See *"Camera Options"* on page 108 for more information.)

  Zoom — Enlarges the image from X0 to X9 before you take a picture. (Depending on the camera resolution setting.)

  Brightness — Brightens or darkens the image from -4 to +4.

Photo Limit — Indicates the available number of photos you can take. (Depending on the camera resolution setting.)

White Balance — Indicates camera's white balance setting. (You can change the camera white balance setting. See *"White Balance"* on page 118 for more information.)

Phone Memory — Indicates photos will be stored in the phone's memory.

Card Memory — Indicates photos will be stored on a microSD Memory Card.

Flash — Indicates flash is active, allowing you to take pictures in low light.

Multi Shot in use (Divided Shot) — Takes multiple pictures automatically (as shown) or manually ( ) when you press the key. The number of pictures taken depends upon the Divided Shot setting.

Multi Shot in use (Series Shot) — Takes multiple pictures when you press the key. The number of pictures taken depends upon the Series Shot setting.

Self Timer in use — Delays the camera shutter from 2 to 10 seconds after you press the key.

Camcorder Screen

When you choose the **Display All** option for your phone's **Icon Display** camcorder setting, the first line of the display is shows current camcorder settings icons. (For more information, see *"Icon Display"* on page 119.) The center of the display shows a viewfinder image of the subject at which the camcorder is pointed. A small shaded area on the right hand side of the screen shows the current white balance and memory settings. The second line from the bottom of the screen shows the record mode icon and recording time counter. The soft key labels on the bottom line of the display have the following functions:
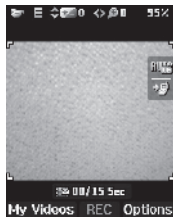
- **My Videos** — Pressing the left soft key ( ) opens the **My Videos** multimedia folder so you can view or manage your stored pictures. (See *"Using My Images Gallery"* on page 122 for more information.)
- **REC** — Pressing the key starts the camcorder recording a video of the image currently appearing in the display.
- **Options** — Pressing the right soft key ( ) opens a menu bar of camcorder options and settings.

Camcorder Screen Icons

☞ **Camcorder** — Indicates the camcorder is active.

▭ **Quality** — Indicates camcorder's video quality setting. (You can change the video quality setting. See *"Quality"* on page 117 for more information.)

Memory Available — Indicates the percentage of memory available for you to store a video.

White Balance — Indicates the camcorder's white balance setting. (You can change the camcorder white balance setting. See *"White Balance"* on page 118 for more information.)

Phone Memory — Indicates videos will be stored in the phone's memory.

Card Memory — Indicates videos will be stored on a microSD Memory Card.

Zoom — Enlarges the image from X0 to X9 before you take a video. (Depending on the camcorder quality setting.)

Brightness — Brightens or darkens the image from -4 to +4.

Self Timer in use — Delays the camcorder from recording for from 2 to 10 seconds after you press the ⌨ key.

Recording Mode — Indicates camcorder is in MMS mode (as shown) with Quality and recording time limits or in Normal mode ( ).

Saving Pictures and Videos

After you've taken a picture or video, you can do any of the following:

• **Save the picture or video** by pressing the **Save** (left) soft key ( ).
  – A picture is stored in the **My Images** folder.
  – A video is stored in the **My Videos** folder.

These folders are part of the phone's internal memory and/or part of an optional, external Memory Card and are devoted to storing, browsing, and viewing saved pictures and videos. (See *"Using My Images Gallery"* on page 122 and/or *"Using My Videos Gallery"* on page 123 for more information.)

• **Send the picture or video** to someone else by pressing the **SEND** (⌨) key.

For a detailed procedure, see *"Send Picture Messages in Camera Mode"* on page 75 or see See *"Send Video Messages in Camcorder Mode"* on page 80.

• **Discard the picture or video** by pressing the **Erase** (right) soft key ( ).

Camera Options

The Camera Options let you adjust the default camera settings to suite available lighting, the subject of the photo, or the purpose of the photo. To access Camera Options, do the following:

1. In standby mode, press and hold the **Camera** key ( ). The camera viewfinder screen appears in the display.

2. Press the **Options** (right) soft key ( ). The following sub-menus appear in the display:

    • **Flash**
    • **Self Timer**

- **Multi Shot**
- **Quality**
- **Resolution**
- **White Balance**
- **Fun Tools**
- **Metering**
- **Settings**
- **Camcorder**

3. Use the Left and Right navigation keys to highlight the desired option and/or setting, then press the ⌑ key to save the selected setting.

Flash

Flash lets you take pictures in low light.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following Flash options:
   - **Off** — Flash does not come on, regardless of light level.
   - **Always On** — Flash comes on every time you press the **TAKE** key (⌑), regardless of light level.
   - **Auto** — Flash comes on only when the light level is low.
   - **On This Shot** — Flash comes on the next time you press the **TAKE** key (⌑), regardless of light level.

3. Use the Up and Down navigation keys to highlight the desired Flash option and/or setting, then press the ⌑ key to save the selected setting. The camera applies the selected Flash setting to your next picture.

Self Timer

Self Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following **Self Timer** options:
   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**

3. Press the ⊙ key. If you select **2 Sec.**, **5 sec.**, or **10 sec.**, the Self Timer icon appears in the camera screen in the display.

The next time you press the ⊙ key, the countdown timer indicates the time remaining before the camera takes the picture. The phone reads the countdown timer value beginning with two or three and continuing to zero, when the picture is taken.

Tip: To stop the countdown timer without resetting it, press the ▭ key.

Multi Shot

Multi Shot lets you take multiple pictures in succession at the touch of a key.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following **Multi Shot** options:

   • **Series Shot** — Off / 3 pictures taken in succession / 5 pictures taken in succession.
   • **Divided Shot** — Off / 4 of the same new picture in a 2-by-2 array / 9 of the same new picture in a 3-by-3 array.
   • **Auto/Manual** — Automatically takes pictures / You Manually take the pictures.

3. Press the ⊙ key to save the setting. The camera screen appears in the display.

Note: When a Multi Shot option is set to a value other than Off, either a Series Shot progress bar ( ) or a Divided Shot icon ( ) appears in the viewfinder screen.

The next time you press the ⊙ key, the camera takes several pictures in rapid succession.

Quality

You can affect how much your photo is compressed, thereby reducing it's overall size (not to be confused with resolution).

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the **Quality** options: **Fine**, **Normal**, or **Economy**.

3. Press the ⊙ key. You're returned to the camera viewfinder screen.

Resolution

Change the size (in bytes) of your pictures using the Resolution setting.

1. In camera mode, press the **Options** (right) soft key (![key]). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following **Resolution** options:
    -   **1280 X 960** (pixels)
    -   **640 X 480** (pixels)
    -   **320 X 240** (pixels)
    -   **176 X 144** (pixels)
    -   **160 X 120** (pixels)
    -   **Picture ID** — lets you take pictures the correct size and resolution for Contacts list picture IDs.

3. Press the ![OK] key. You're returned to the camera viewfinder screen.

Note: The Resolution setting affects zoom capabilities. When Resolution is set to **1280 X 960**, zoom is not available. When Resolution is set to any value lower than **1280 X 960**, zoom settings **1** – **9** are available.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press the **Options** (right) soft key (![key]). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following **White Balance** options:
    -   **Auto** — The camera automatically adjusts white balance to available light.
    -   **Sunny** — Use this setting when taking pictures in full sun.
    -   **Cloudy** — Use this setting when taking pictures in cloudy conditions.
    -   **Tungsten** — Use this setting when taking pictures under incandescent lights.
    -   **Fluorescent** — Use this setting when taking pictures under fluorescent lights.
    -   **Manual** — This setting lets you manually adjust white balance to available light.

    Each option, as you highlight it, shows the effects it has on a picture.

3. When you decide on the White Balance you wish to use, press the ![OK] key. The camera viewfinder screen appears in the display with your selected White Balance applied.

    The next time you press the ![OK] key, the camera applies the selected White Balance to your picture.

Fun Tools

Color Effects

Change the look of your pictures with Color Effects. Choose from eight available settings such as Gray, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camera mode, press the **Options** (right) soft key (![icon]). The options menu bar appears in the display.

2. Use the navigation keys to highlight **Fun Tools**, and then highlight **Color Effects**.

3. Press the ⌜OK⌝ key. The following options appear in the display:

Note: Choose Normal to disable Color Effects.

- • **Normal** — Subjects and pictures appear with a normal hue.
- • **Black&White** — Subjects and pictures appear in black and white.
- • **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- • **Green** — Subjects and pictures appear in a greenish hue.
- • **Aqua** — Subjects and pictures appear in an aqua hue.
- • **Negative** — Subjects and pictures appear in inverted colors.
- • **Sketch** — Subjects and pictures appear as simple outlines.
- • **Emboss** — Subjects and pictures appear as three-dimensional and in black and white.

4. Use the navigation keys to highlight the color effect of your choice is highlighted, then press the ⌜OK⌝ key. You're returned to the camera viewfinder screen.

    When you take your next picture, the phone's display previews your subject image with the selected color effect.

Fun Frames

Fun Frames lets you temporarily apply one of the preloaded picture frames in your phone to characterize or enhance one or more pictures.

Note: The None frame is a blank frame.

1. In camera mode, press the **Options** (right) soft key (![icon]). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Fun Tools**, and then highlight **Fun Frames**.

3. Press the ⌧ key. A pop-up menu of the available numbered Fun Frame appears in the display.

4. Use the Up and Down navigation keys to show the various Fun Frames.

5. When you decide on the frame you wish to use, press the ⌧ key. The camera screen appears in the display with your selected Fun Frame in place.

   The next time you press the ⌧ key, the camera includes the selected Fun Frame in your picture.

Metering

1. In camera mode, press the **Options** (right) soft key (▮). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Metering**. The following options appear in the display:

   • **Average** — Adjusts exposure to the average light level over a large picture area.
   • **Center** — Adjusts exposure to the average light level over a center portion of the subject.
   • **Spot** — Adjusts exposure to the light level over a small portion of the subject.

3. Use the Up and Down navigation keys to highlight the Metering setting of your choice, then press the ⌧ key. You're returned to the camera viewfinder screen.

   When you take your next picture, the phone's display previews your subject image with the measured exposure.

Camera Settings

Memory

1. In camera mode, press the **Options** (right) soft key (▮). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Memory**, then press the ⌧ key. The following Memory options appear in the display:

   • **Phone** — Stores pictures in phone memory.
   • **Card** — Stores pictures on an optional microSD Memory Card.

4. Use the Up and Down navigation keys to highlight the memory location setting of your choice, then press the ⌧ key. You're returned to the camera viewfinder screen.

Auto Save

1. In camera mode, press the **Options** (right) soft key ([icon]). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Auto Save**, then press the [OK] key. The following options appear in the display:
   - **Off**
   - **On**

4. Use the Up and Down navigation keys to highlight the automatic save setting of your choice, then press the [OK] key. You're returned to the camera viewfinder screen.

Icon Display

1. In camera mode, press the **Options** (right) soft key ([icon]). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the [OK] key. The following options appear in the display:
   - **Display All** — Shows camera icons as seen in *"Camera Screen Icons"* on page 105.
   - **Guideline** — Shows a cross hatch pattern in the view finder screen.
   - **No Icons** — Shows a nearly full-display subject image and without icons.

4. Use the Up and Down navigation keys to highlight the viewfinder screen setting of your choice, then press the [OK] key. You're returned to the camera viewfinder screen.

View Mode

1. In camera mode, press the **Options** (right) soft key ([icon]). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **View Mode**, then press the [OK] key. The following options appear in the display:
   - **Landscape** — Shows a wider, more panoramic view of the subject.
   - **Portrait** — Shows a narrower, more vertically oriented view of the subject.

4. Use the Up and Down navigation keys to highlight the view mode setting of your choice, then press the [OK] key. You're returned to the camera viewfinder screen, which now shows the selected view.

Shutter Sound

Choose from four different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds acts as an audible reminder that your camera has taken a picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Shutter Sound**, then press the key. The following shutter sounds appear in the display:
   • **Off**
   • **Shutter**
   • **OK**
   • **DingDong**

4. Use the Up and Down navigation keys to highlight the shutter sound setting of your choice, then press the key. You're returned to the camera viewfinder screen.

Reset Settings

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Left and Right navigation keys to highlight **Reset Settings**, then press the key. You are prompted to confirm reset of all camera settings.
   • Select the **Yes** option to reset the camera settings to default values.
   • Select the **No** option to keep the current camera settings.

Camcorder

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Camcorder**, then press the key. The Camcorder view finder screen appears in the display.

Camcorder Options

The Camcorder Options let you adjust the default camcorder settings to suite available lighting, the subject of the video, or the purpose of the video. To access Camcorder Options, do the following:

1. In camera mode, press and hold the **Camera** key (▮). The camcorder viewfinder screen appears in the display.

2. Press the **Options** (right) soft key (▮). The following sub-menus appear in the display:
   - **Recording Mode**
   - **Flash**
   - **Self Timer**
   - **Quality**
   - **White Balance**
   - **Color Effects**
   - **Settings**
   - **Camera**

3. Use the Left and Right navigation keys to highlight the desired option and/or setting, then press the ⌧ key to save the selected setting.

Recording Mode

1. In camcorder mode, press the **Options** (right) soft key (▮). The options menu bar appears in the display.

2. Use the navigation keys to highlight **Recording Mode**. The following options appear in the display:
   - **Limit for MMS** — Record videos that are a maximum of 15 seconds long. The videos can be included in video messages.
   - **Normal** — Record videos that are any length up to 10 minutes.

3. Use the Up and Down navigation keys to highlight the desired recording mode setting, then press the ⌧ key. The camcorder screen appears in the display.

Flash

Flash lets you record videos in low light.

1. In camcorder mode, press the **Options** (right) soft key (▮). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following Flash options:
   - **Off** — Flash does not come on, regardless of light level.

• **Always On** — Flash comes on every time you press the **REC** key (ⓞⓀ), regardless of light level.

• **Auto** — Flash comes on only when the light level is low.

3. Use the Up and Down navigation keys to highlight the desired Flash option and/or setting, then press the ⓞⓀ key to save the selected setting. The camcorder applies the selected Flash setting to your next video.

Self Timer

Self Timer lets you delay taking a video long enough to let you join others in the video.

1. In camcorder mode, press the **Options** (right) soft key (🔳). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Self Timer**. The following options appear in the display:

• **Off**
• **2 Sec.**
• **5 Sec.**
• **10 Sec.**

3. Use the Up and Down navigation keys to highlight the desired delay, then press the ⓞⓀ key. The camcorder screen appears in the display.

The next time you press the ⓞⓀ key, a countdown timer in the display indicates the time remaining before the camcorder starts recording the video. The phone reads the countdown timer value beginning with two or three and continuing to zero, when recording begins.

Tip: To stop the countdown timer without resetting it, press the 🔲ᴄʟʀ🔲 key.

Quality

You can affect how much your video is compressed, thereby reducing it's overall size (not to be confused with resolution).

1. In camcorder mode, press the **Options** (right) soft key (🔳). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Quality**.

3. Use the Up and Down navigation keys to highlight **Fine**, **Normal**, or **Economy**.

4. Once the quality setting of your choice is highlighted, press the ⓞⓀ key. You're returned to the camcorder viewfinder screen.

White Balance

White Balance allows you to adjust video quality according to available light.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **White Balance**. The name of the current White Balance setting appears in the second line of the display. The options are:

   • **Auto** — The camcorder automatically adjusts color balance to available light.
   • **Sunny** — Use this setting when recording videos in full sun.
   • **Cloudy** — Use this setting when recording videos in cloudy conditions.
   • **Tungsten** — Use this setting when recording videos under incandescent lights.
   • **Fluorescent** — Use this setting when recording videos under fluorescent lights.
   • **Manual** — Use this setting to manually adjust White Balance to available light.

3. Use the Up and Down navigation keys to show the various White Balances and the effects they have on a video.

4. When you decide on the White Balance you wish to use, press the ⌧ key. The camcorder viewfinder screen appears in the display with your selected White Balance applied.

   The next time you press the ⌧ key, the camcorder applies the selected White Balance to your video.

Color Effects

Change the look of your videos with Color Effects. Choose from eight available settings such as Gray, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight one of the following **Color Effects**:

Note: Choose Normal to disable Color Effects.

   • **Normal** — Subjects and pictures appear with a normal hue.
   • **Black&White** — Subjects and pictures appear in black and white.
   • **Sepia** — Subjects and pictures appear in a brownish-gray hue.
   • **Antique** — Subjects and pictures appear in a grayish-green hue.
   • **Negative** — Subjects and pictures appear in inverted colors.
   • **Green** — Subjects and pictures appear in a greenish hue.

- **Aqua** — Subjects and pictures appear in an aqua hue.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Sketch** — Subjects and pictures appear as simple outlines.
- **Emboss** — Subjects and pictures appear as three-dimensional and in black and white.

3. After you highlight the color tone of your choice, then press the ⌑ key. You're returned to the camcorder viewfinder screen.

When you record your next video, the phone's display previews your subject image with the selected color effect.

Camcorder Settings

Memory

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Memory**, then press the ⌑ key. The following Memory options appear in the display:

- **Phone** — Stores videos in phone memory.
- **Card** — Stores videos on an optional microSD Memory Card.

4. Use the Up and Down navigation keys to highlight the memory location setting of your choice, then press the ⌑ key. You're returned to the camcorder viewfinder screen.

Auto Save

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Auto Save**, then press the ⌑ key. The following options appear in the display:

- **Off**
- **On**

4. Use the Up and Down navigation keys to highlight the automatic save setting of your choice, then press the ⌑ key. You're returned to the camcorder viewfinder screen.

Icon Display

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the ⌷OK⌷ key.

   The following options appear in the display:

   - **Display All** — Shows camcorder icons as seen in *"Camcorder Screen Icons"* on page 107.
   - **No Icons** — Shows a nearly full-display subject image and without icons.

4. Use the Up and Down navigation keys to highlight the viewfinder screen setting of your choice, then press the ⌷OK⌷ key. You're returned to the camcorder viewfinder screen.

Start Sound

Choose from two different sounds whenever you begin video recording. Aside from being a cool sound effect, Start Sound acts as an audible reminder that your camcorder has begun recording a video.

1. In camcorder mode, press the **Options** (right) soft key (▮▮). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Start Sound**, then press the ⌷OK⌷ key. The following options appear in the display:
   - **Off**
   - **Look here**
   - **1,2,3!**

4. Use the Up and Down navigation keys to highlight the desired start sound, then press the ⌷OK⌷ key. You're returned to the camcorder viewfinder screen.

End Sound

Choose from two different sounds whenever you stop video recording. Aside from being a cool sound effect, End Sound acts as an audible reminder that your camcorder has stopped recording a video.

1. In camcorder mode, press the **Options** (right) soft key (▮▮). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **End Sound**, then press the ⌷OK⌷ key. The following options appear in the display:
   - **Off**

- **OK**
  - **Melody**

4. Use the Up and Down navigation keys to highlight the desired end sound, then press the ⌾ key. You're returned to the camcorder viewfinder screen.

Reset Settings

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Reset Settings**, then press the ⌾ key. You are prompted to confirm reset of all camcorder settings.
   - Select the **Yes** option to reset the camcorder settings to default values.
   - Select the **No** option to keep the current camcorder settings.

Camera

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Camera**, then press the ⌾ key. The Camera viewfinder screen appears in the display.

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (1 – 9) enlarges your pictures or videos (0 is normal).

▶ In camera or camcorder viewfinder screen, use the Left and Right navigation keys to adjust the Zoom (the screen image enlarges to show the affects of your changes).

The next time you press the ⌾ key, the camera takes an enlarged picture or the camcorder takes an enlarged video according to your selected Zoom setting.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-4 – +4) lightens your pictures (0 is normal).

▶ In camera or camcorder viewfinder screen, use the Up and Down navigation keys to adjust the Brightness (the screen image lightens or darkens to show the affects of your changes).

The next time you press the ⌾ key, the camera takes a lighter or darker picture or the camcorder records a lighter or darker video according to your selected Brightness setting.

Using My Images Gallery

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display while in standby mode (wallpaper) and as image IDs for your contacts.

1. In standby mode, press the **Menu** key (⌾), then press **4 ghi** (for **Multimedia**) and **3 def** for **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.

2. Use the navigation keys to highlight an image or photo.

3. Press the **Camera** (left) soft key (▮) to take new photos.

   Press the **VIEW** key (⌾) to expand the highlighted image to fill the screen.

   Press the **Options** (right) soft key (▮). The following options appear in the display:

   • **Send** — Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby Mode"* on page 76 for more information.)
   • **Set As** — Lets you set the highlighted image as the **Main Wallpaper** or as a **Picture ID** for one of your Contacts.
   • **Slide Show** — Shows the available images as a sequence of full-screen pictures.
   • **Rename** — Change the file name for the highlighted image.
   • **Move** — Move the highlighted image from phone memory to the Memory Card or from the Memory Card to phone memory.
   • **Lock** /**Unlock** — Block/permit erasure of the highlighted image.
   • **Erase** — Erase the highlighted image.
   • **Erase All** — Erase all unlocked images from My Images.
   • **Picture Info** — Shows the image file's name, date and time, resolution, and size.
   • **Get More Graphics** — Launches the Browser so that you can download images.

4. Use the navigation keys to highlight an option, then press the ⌾ key.

5. Press the **CLR** key to return to the previous menu, or press the ▮ key to return to standby mode.

Using My Videos Gallery

My Videos lets you take videos, review your videos, send them as video messages, and assign your videos as wallpaper on your phone.

1. In standby mode, press the **Menu** key (⊙), then press ▣ (for **Multimedia**) and ▣ for **My Videos**.

    If there are no videos stored in your phone or on a memory card, "**No Video**" appears in the **My Videos** screen.

    If there are videos stored in your phone or on a memory card, up to four thumbnail images from your videos appear in the **My Videos** screen.

2. To take a new video, press the **Video** (left) soft key (▣). The camcorder view finder screen appears in the display. See *"Camera-Camcorder"* on page 102 for more information on recording videos.

3. To play a video, use the navigation keys to highlight a video, then press the **PLAY** (⊙) key.

4. For more My Videos options, press the **Options** (right) soft key (▣). The following options appear in the display:

    *   **Send** — Lets you send the selected video to a specified recipient in a Video message.
    *   **Set As** — Lets you assign the selected video as the **Main Wallpaper**.
    *   **Rename** — Lets you change the name of the video.
    *   **Move** — Lets you move the video from the phone to the Memory Card or from the Memory Card to the phone.
    *   **Lock** / **Unlock** — Lets you protect the video from being deleted.
    *   **Erase** — Erase the highlighted video.
    *   **Erase All** — Erases all unlocked videos from phone memory or from the Memory Card.
    *   **Video Info** — Displays information about the video, such as the video **Name**, creation **Date** and **Time**, **Resolution**, data **Size**, and the **Duration**.

5. Use the navigation keys to highlight an option, then press the ⊙ key to invoke the selected option.

6. Press the ▣ key to return to the previous menu, or press the ▣ key to return to standby mode.

Using My Ringtones Gallery

My Ringtones lets you assign ringtones for calls, alarms, and other alerts.

1. In standby mode, press the **Menu** key (⌾), then press 🔳 (for **Multimedia**) and 🔳 for **My Ringtones**. A list of ringtones appears in the display.

2. Use the navigation keys to highlight a ringtone.

3. Press the **Set As** (left) soft key (🔳) to assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as an **Alert Tone**.

   Press the **PLAY** key (⌾) to hear the ringtone.

   Press the **Options** (right) soft key (🔳) to show title and file type for the highlighted ringtone and to launch the browser to download ringtones.

4. Press the 🔳 key to return to the previous menu, or press the 🔳 key to return to standby mode.

Using My Sounds Gallery

My Sounds lets you record and manage voice memo files and assign melodies as ringers or alerts.

1. In standby mode, press the **Menu** key (⌾), then press 🔳 (for **Multimedia**) and 🔳 for **My Sounds**. The following options appear in the display:

   • **Record New** — Lets you record voice memos.
   • A list of recorded voice memo files and melodies.

Tip: You can also access My Sounds from:

-A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Sounds**.

-The **Edit Contact** screen by selecting the **Ringtone** field, pressing the **Set** (left) soft key (🔳), and selecting **My Sounds**.

Note: Recorded sound files (voice memos) do not appear in these lists.

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2. Use the navigation keys to highlight a file.

3. When you highlight **Record New** and press the ⌾ key, the **Record New** screen appears in the display.

   • Press the **REC** key (⌾) to start recording a voice memo.
   • Press the **Pause** (left) soft key (🔳) to pause/resume recording.
   • Press the **SAVE** key (⌾) to stop recording and save the voice memo.

4. When you highlight a saved voice memo file, you have the following options:

   - Press the **Erase** (left) soft key (⬛) to erase the selected voice memo file, if it is unlocked.
   - Press the **PLAY** key (⬛) to listen to the voice memo.
   - Press the **Options** (right) soft key (⬛), and the following options appear in the display:
     – **SEND** —— Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby Mode"* on page 76 for more information.)
     – **Rename** —— Change the name of the voice memo file.
     – **Lock** / **Unlock** —— Block/permit erasure of the highlighted image.
     – **Erase all** —— Erase all unlocked voice memos.
     – **Sound Info** —— Shows the title, size, type, and date for the file.

5. When you highlight a melody file, you have the following options:

   - Press the **PLAY** key (⬛) to hear the ringtone.
   - Press the **Options** (right) soft key (⬛) to show the following options:
     – **SEND** —— Send to someone as part of a Picture message. (See *"Send Picture Messages in Standby Mode"* on page 76 for more information.)
     – **Set As** —— assign the highlighted ringtone to be used as a **Ringtone**, **Contact ID**, or as the **Alert Tone**.
     – **Erase all** —— Erase all unlocked melodies.
     – **Sound Info** —— Shows the title, size, type, and date for the file.

6. Press the ⬛ CLR key to return to the previous menu, or press the ⬛ key to return to standby mode.

Voice Memo

You can use your phone to record voice memos for later playback.

Note: The maximum length for a single voice memo is 60 seconds.

You can save as many voice memos as will fit in the empty memory capacity.

Record a Voice Memo

1. In standby mode, press the **MENU** key (⬛), then press ⬛ (for **Multimedia**) and ⬛ for **My Sounds**. A list of sound files appears in the display.

2. Press the ⬛ key. The **Record New** screen appears in the display.

3. Press the **REC** key (⌧), then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording. To pause the memo, press the **Pause** (left) soft key (▮▮). When a memo is paused, select **Resume** to continue recording.

4. Press the **SAVE** key (⌧) once you're finished recording. The new recording is saved, and the standby mode screen appears in the display.

Review Voice Memos

If you've saved any voice memos, you can review them anytime.

1. In standby mode, press the **MENU** key (⌧), then press **4** (for **Multimedia**) and **6** for **My Sounds**. A list of sound files appears in the display.

2. Use the navigation keys to highlight the voice memo you wish to review.

3. Press the **PLAY** key (⌧) to play the voice memo.
   - To stop the memo, press the **STOP** key (⌧). Press the ⌧ key again to restart playing the memo.

   When the voice memo finishes playing, the selected voice memo remains highlighted in the list of sound files.

Erase One Voice Memo

1. In standby mode, press the **MENU** key (⌧), then press **4** (for **Multimedia**) and **6** for **My Sounds**. A list of sound files appears in the display.

2. Use the navigation keys to highlight the voice memo you wish to erase.

3. Press the **Erase** (left) soft key (▮▮). "**Erase Sound?**" appears in the display.

4. Press the **Yes** (left) soft key (▮▮) to erase the selected voice memo, or press the **No** (right) soft key (▮▮) to return to the list of sound files.

Erase All Voice Memos at One Time

1. In standby mode, press the **MENU** key (⌧), then press **4** (for **Multimedia**) and **6** for **My Sounds**. A list of sound files appears in the display.

2. Use the navigation keys to highlight a voice memo.

3. Press the **Options** (right) soft key (▮▮). The following options appear in the display:
   - **SEND** — Lets you send a copy of this voice memo as part of a picture message.
   - **Rename** — Lets you change the name of this voice memo.

- **Lock**/**Unlock** — Blocks/permits erasure of this voice memo.
- **Erase all** — Erases all unlocked sound files that are not preloaded.
- **Sound Info** — Shows you the Name, Size, Type, Date, and Time for this sound file.

4. Use the navigation keys to highlight **Erase all**, then press the ⌧ key. "**Erase All Sounds?**" appears in the display.

5. Press the **Yes** (left) soft key (   ) to all of the sound files or press the **No** (right) soft key (   ) to return to the list of sound files.

Using Music Library

Music Library lets you play and manage music files (MP3) stored on a Memory Card. (For information on loading your music files on a Memory Card, see *"Adding Music Files"* on page 130.)

Launching the Music Library Menu

1. In standby mode, press the Down navigation key for **Multimedia**, then press ⬛ for **Music Library**. The **Library** screen appears in the display, showing the following options:

Library	
1 All	3
2 Artists	1
3 Albums	1
4 Genres	1
5 Playlists	

   VIEW   Back

   - **All** — Lists all music files on the Memory Card and lets you play individual music files or play multiple music files by marking the files and then playing them.
   - **Artists** — Lists artist names for music files on the Memory Card and lets you play one or more music files by a selected artist.
   - **Albums** — Lists album titles for music files on the Memory Card and lets you play one or more music files from a selected album.
   - **Genres** — Lists music categories for music files on the Memory Card and lets you play one or more music files of a particular music category.
   - **Playlists** — Lists any playlists you have saved and lets you create, save, and manage playlists.

2. Use the navigation keys to highlight the desired option, then press the **VIEW** key (⌧) to access your music files.

Playing Music

You can elect to play your music files individually or in lists by Artist, Album, Genre, or personal playlist.

Individual Music Files

1. In standby mode, press the Down navigation key for **Multimedia**, then press ![key] for **Music Library**. The **Library** screen appears in the display, showing the following options:
    *   **All**
    *   **Artists**
    *   **Albums**
    *   **Genres**
    *   **Playlists**

2. Use the Navigation key to highlight the desired option, press the **VIEW** key (![OK]), and then do one of the following:

    *   **All option** — Use the Up and Down navigation keys to highlight a music file.
    *   **Other options** — Use the Navigation key to highlight an Artist, Album, Genre, or Playlist, then press the **VIEW** key (![OK]).
        Use the Up and Down navigation keys to highlight a music file.

3. Press the **Play** (left) soft key (![icon]) to play the file. The Music Player screen appears in the display and the selected music file begins playing.
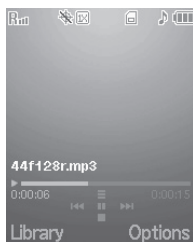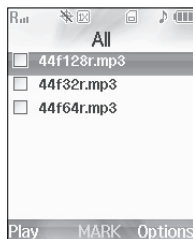
Multiple Music Files

1. In standby mode, press the Down navigation key for **Multimedia**, then press ![key] for **Music Library**. The **Library** screen appears in the display, showing the following options:
    *   **All**
    *   **Artists**
    *   **Albums**
    *   **Genres**
    *   **Playlists**

2. Use the Navigation key to highlight the desired option, then press the **VIEW** key (![OK]).

3. Use the Navigation key to highlight the desired option, press the **VIEW** key (![OK]), and then do one of the following:

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- **All** option:
  - Use the Up and Down navigation keys to highlight a music file.
  - Press the **MARK** key (⌧) to select the file for playing or other options.
  - Repeat this process for each music file you wish to include in your temporary playlist.
  - When you have selected all the music files you wish to play, press the **Play** (left) soft key (▮) to play the files.
- **Artists**, **Albums**, **Genres**, or **Playlists** options:
  - Use the Navigation key to highlight an Artist, Album, Genre, or Playlist.
  - Press the **Play** (left) soft key (▮) to play the files.

Music Player Controls

- **Volume key**:
  - To play a music file louder, press the Volume key Up.
  - To play a music file softer, press the Volume key Down.

- **Navigation key**:
  - To pause/resume playing a music file, press the ⌧ key.

Note: With the flip closed, use the Camera key to pause/resume playing a music file.
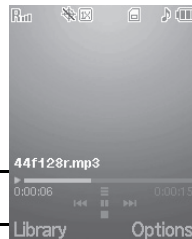
  - To stop playing a music file, press the Down navigation key.
  - To skip play to an earlier music file in the selected list, press the Left navigation key.
  - To skip play to a later music file in the selected list, press the Right navigation key.
  - To return to the selected list and choose another music file to play, press the Up navigation key.

- **Library** (left) soft key — Returns you to the **Library** screen.
- **Options** (right) soft key — Shows the following sub-menus and options:
  - **Play Mode** — Lets you change the play mode from Normal, Shuffle, Repeat One, Repeat All, or Shuffle Repeat All.
  - **Add to Playlist** — Moves you to the **Playlists** menu to let you add the selected music file to a playlist.
  - **Remove** — Deletes the selected music file from the Memory Card
  - **Properties** — Lists the title, artist, album, genre, copyright information, time length, file size, and bit rate of the highlighted music file.
  - **Visualizer** — Lets you change the Music Player visualization to **Simple View**, **Equalizer**, **Album Art**, or **Lyrics**.

Multimedia   129

– **Memory Info** –– Displays the **Memory Usage** screen which lists Memory Card usage and availability amounts.
• Press the Navigation key Up or Down to highlight the desired option, then press the **OK** key ($\boxed{\text{OK}}$) to launch the option or access the sub-menu.

Adding Music Files

Using the Browser or Games & Apps

For information on downloading music files, contact your Wireless Provider.

Manual Method

You can add music files to My Music manually by directly copying music files onto a Memory Card.

Tip: If you are using a new Memory Card, or one previously used in another device, you'll probably need to format the Memory Card with your phone before transferring music files. (For more information, see *"Memory Info"* on page 165.)

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1. If installed in your phone, remove the Memory Card. (For more information, see *"Remove a Memory Card"* on page 12.)

2. Using a microSD™-compatible card reader, copy your music files (MP3) into the "My Music" directory on the Memory Card. (For more information, refer to the user documentation for your card reader.)

3. Install the Memory Card in your phone. (For more information, see *"Install a Memory Card"* on page 12.)

4. If desired, begin playing your transferred music files. (For more information, see *"Playing Music"* on page 127.)

Section 12: Tools/Utilities

Topics Covered

- Accessing Tools/Utilities
- Bluetooth
- Calendar
- Memo Pad
- Alarm Clock
- World Time
- Calculator
- Stop Watch
- Converter
- Tip Calculator

This section explains how you can use your phone's Personal Information Manager (PIM) functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Accessing Tools/Utilities

To access the **Tools/Utilities** menu, do the following:

▶ In standby mode, press the **Menu** key (⌨OK), then press ◼Zinn for **Tools/Utilities**. The following sub-sections describe your phone's tools and utilities.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

1. In standby mode, press the **Menu** key (⊙), then press 🔲 (for **Tools/ Utilities**) and 🔲 for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Bluetooth Settings** and press the ⊙ key. The following options appear in the display:
   - **Enable** / **Disable**
   - **Discovery Mode**
   - **Device Name**
   - **Device Info**
3. Highlight **Enable** or **Disable** and press the ⊙ key. The Bluetooth On (black) icon (🔲) appears in the display.

Add New Device

To search for available Bluetooth devices:,

1. In standby mode, press the **Menu** key (⊙), then press 🔲 (for **Tools/ Utilities**) and 🔲 for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Add New Device** and press the ⊙ key.

   If Bluetooth is off (disabled), you are prompted to "Turn Bluetooth on?". Press the **Yes** (left) soft key (🔲) to turn Bluetooth on. Press the **No** (right) soft key (🔲) to leave Bluetooth off.

   "Place device you are connecting to in discoverable mode" appears in the display.

3. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)

4. Press the ⊙ key. Names of the available devices appears in the display.

5. Use the navigation keys to highlight the device you want to pair with your phone.

6. Press the **PAIR** key (⊙) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.

Note: When pairing you phone with a peer Bluetooth device (such as another phone or a personal computer), the same passkey or PIN must be entered on both devices (when prompted) for the pairing to succeed.

7. Enter the device passkey or PIN and press the ⊙ key. A pop-up message appears to inform you the connection is complete.

Registered List

This menu option provides a list of Bluetooth wireless technology devices that are paired with your handset.

1. In standby mode, press the **Menu** key (⊙), then press 🔲 (for **Tools/ Utilities**) and 🔲 for **Bluetooth**. The following options appear in the display:

   • **Add New Device**
   • **Registered List**
   • **Bluetooth Settings**

2. Highlight **Registered List** and press the ⊙ key. A list of registered (paired) Bluetooth devices appears in the display.

Connecting to a Registered Bluetooth Device

In standby mode with Bluetooth on,

▶ Turn the other, registered Bluetooth device on.

Note: Do not place the device in Discovery mode.

After a few seconds, the Bluetooth On (black) icon (🔲) is replaced by the Bluetooth Connected (blue) icon (🔲) in the display.

From the Registered List,

1. Highlight the device and press the ⊙ key.

2. If you are unable to connect with the device a pop-up appears in the display. Press the **Yes** soft key to retry.

Disconnecting from a Bluetooth Device

In standby mode with Bluetooth on,

▶ Turn the other, registered Bluetooth device off. The Bluetooth Connected (blue) icon ( ) is replaced by the Bluetooth On (black) icon ( ).

From the Registered List,

▶ Highlight the device and press the **Off** (left) soft key ( ).

Managing Your Registered List

From the Registered List,

1. Highlight a device and press the **Options** soft key. The following options appear in the display.

• **Remove Device** — Deletes the device from the Registered List.

• **Rename Device** — Lets you change or replace the device name, as needed.

• **Device Info** — Shows the type of device, status, address, the date when it was paired with your phone, and the date the device was last connected with your phone.

2. Highlight the desired option and press the OK key to access that option.

Bluetooth Settings

Enable/Disable

Selecting this option turns your phone's Bluetooth function on or off.

Discovery Mode

Allows other Bluetooth devices to "see" your phone for 1 minute. Select **On** for other devices to see and pair with your phone, or **Off** for no visibility.

Note: Once you have paired your phone with another device, you do not need to set **Discovery Mode** to **On** to reconnect with the other device (such as, after turning one or both devices off).

Device Name

Shows your phone's current Bluetooth name. You can change this name. Enter the new name in the **Enter New** field and press the OK key. (For more information, see *"Entering Text"* on page 48.)

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

Calendar allows you to view the current, past, or future month in calendar format. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

Add a New Event

1. In standby mode, press the **Menu** key (⌧), then press ⬛ (for **Tools/ Utilities**) and ⬛ for **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.

2. Press the **Add** (left) soft key (⬛) to add an event. The **New Event** screen appears in the display.

   • Use the Up and Down navigation keys to highlight New Event options.
   • Use the Left and Right navigation keys to select option values.
   • Use the keypad to enter option values. (For more information, See *"Entering Text"* on page 48.)

3. Enter the name of the new event in the **Appointment name** field using the keypad. (For more information, see *"Entering Text"* on page 48.)

4. Press the Down navigation key to highlight the **Start Date** field, which is populated with the current date. The following options are available:

   • To schedule the new Event for the current date, proceed to Step 5.
   • To schedule the new Event for another date, use the keypad to enter the Start Date for the Event.

5. Use the Down navigation key to highlight the **Start Time** field, which is populated with the most current time, rounded up to the next half-hour. The following options are available:

   • To schedule the new Event for the displayed Start Time, proceed to Step 6.
   • To schedule the new Event to start at another time, use the keypad to enter the Start Time for the Event.
      – To set AM/PM, if needed, press the Down navigation key to highlight the **AM/PM** field.
      – Use the Left and Right navigation keys to select **AM** or **PM**, or press ⬛ for **AM** and press ⬛ for **PM**.

6. Repeat Steps 4 and 5 for the **End Date** and **End Time**.

7. Use the Left and Right navigation keys to select Alert tone values for the following fields:

   • **Alert** type (**Tone** or **Vibrate**)

- **Alert** tone (the **Alert Tone** screen appears in the display. See *"Using My Ringtones Gallery"* on page 124 and *"Using My Sounds Gallery"* on page 124 for more information.)
- **Reminder** (Off, Once, Every 2 Minutes, Every 15 Minutes)
- **Alert time** (15 Min. Before, 30 Min. Before, 1 Hour Before, 3 Hours Before, 5 Hours Before, 1 Day Before, On Time, 5 Min. Before, 10 Min. Before)

8. Press ⌨ to save the new Event to your calendar. An alert will sound to notify you of the Event, if **Reminder** is set to a value other than **Off**.

View an Event

1. In standby mode, press the **Menu** key (⌨), then press 🔳 (for **Tools/Utilities**) and 🔳 for **Calendar.**

2. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.

3. Use the navigation keys to highlight different dates within the current month. The following options are available:
   - Press the Up volume key to view previous months.
   - Press the Down volume key to view future months.
   - Press the **Add** (left) soft key (🔳) to add a new Event to the Calendar.
   - Press the **VIEW** key (⌨) to list any Events scheduled for the highlighted date.
   - Press the **Options** (right) soft key (🔳) to Go To another Date, Go To Today from another date, Erase any Old Events, or Erase All Events.

4. Press the **VIEW** key (⌨). A list of Events scheduled for the highlighted date appears in the display.

5. Use the Up and Down navigation keys to highlight an Event. The following options are available:
   - Press the **Add** (left) soft key (🔳) to add a new Event to the Calendar.
   - Press the **VIEW** key (⌨) to show the details of the highlighted Event.
   - Press the **Options** (right) soft key (🔳) to repeat this Event Monthly, Erase this Event, or Erase All Events on this date.

6. Press the **VIEW** key (⌨). The details of the highlighted Event appear in the display. The following options are available:
   - Press the **Edit** (left) soft key (🔳) to change the Event details. (See *"Add a New Event"* on page 135 for more information.)
   - Press ⌨ to return to the Events list for the highlighted date.
   - Press the **Options** (right) soft key (🔳) to repeat this Event Monthly or to Erase this Event.

Memo Pad

Create notes (Memos) containing up to 160 characters and store them in Memo Pad. You cannot prioritize or assign an alert or date to Memos that you create in Memo Pad. Return to Memo Pad anytime to review and edit your Memos.

Create a Memo

1. In standby mode, press the **Menu** key (⌧), then press **7pqrs** (for **Tools/ Utilities**) and **3def** for **Memo Pad**. The **Memo Pad** screen appears in the display.

   • If this is your first time using Memo Pad, "**No Memos**" appears in the **Memo Pad** screen.

   • If you have already created any Memos, a list of them appears in the **Memo Pad** screen.

2. Press the **Add** (left) soft key (▮) to add a Memo. A numbered **Memo** screen appears in the display. The following options are available:

   • Press the **Options** (left) soft key (▮) or press and hold **✱** to change the text entry mode.

   • Press ⌧ to save the new Memo.

   • Press the **Cancel** (right) soft key (▮) to discard any entries and return to the Memo Pad screen.

3. Enter memo text using the keypad. (For more information, see *"Entering Text"* on page 48.)

4. Press ⌧ to save your new Memo and return to the **Memo Pad** screen.
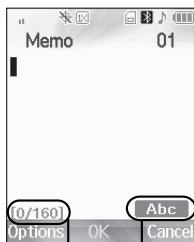
Review, Edit, and Erase Memos

1. In standby mode, press the **Menu** key (⌧), then press **7pqrs** (for **Tools/ Utilities**) and **3def** for **Memo Pad**. The **Memo Pad** screen appears in the display showing a list of your stored Memos.

   The following options are available:

   • Press the **Add** (left) soft key (▮) to create a new Memo.

   • Use the Up and Down navigation keys to highlight an existing Memo.

   • Press the **VIEW** key (⌧) to show the contents of the highlighted Memo.

   • Press the **Options** (right) soft key (▮) to Edit, Erase, or Lock/Unlock this Memo, or to Erase All unlocked Memos.

2. Use the Up and Down navigation keys to highlight a Memo.

3. Press ⌨ to **VIEW** the highlighted Memo. The contents of the highlighted Memo appears in the display. The following options are available:

- Press the **Edit** (left) soft key (▣) to change the Memo text.
- Press ⌨ to return to the **Memo Pad** screen.
- Press the **Options** (right) soft key (▣) to Erase this Memo (if unlocked), Add a New Memo, or to Lock/Unlock this Memo.

4. Press the **Edit** (left) soft key (▣) to change the text of the Memo you are viewing. The following options are available:

- Press the **Options** (left) soft key (▣) or press and hold ▣ to change the text entry mode.
- Press ⌨ to save your changes to the Memo.
- Press the **Cancel** (right) soft key (▣) to discard any changes and return to the Memo Pad screen.

5. Use the keypad to change the memo text. (For more information, see *"Entering Text"* on page 48.)

6. Press ⌨ to save your changes and return to the **Memo Pad** screen.

Alarm Clock

Your phone has three alarm clocks that can be set to go off once, or to recur daily at a specific time. Once set, an alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for **Once** has elapsed while the phone is off, the alarm occurs at the specified time on the next day.

---

1. In standby mode, press the **Menu** key (⌨), then press ▣ (for **Tools/ Utilities**) and ▣ for **Alarm Clock**.

The following options appear in the display:

- **Alarm 1**
- **Alarm 2**
- **Alarm 3**

2. Use the Up and Down navigation keys to highlight the alarm clock that you wish to set, then press ⌨. The **Set Alarm** screen appears in the display. The following options are available.

- Use the Up and Down navigation keys to highlight Set Alarm options.
- Use the Left and Right navigation keys to select option values.
- Use the keypad to enter option values. (For more information, See *"Entering Text"* on page 48.)

3. Use the Left and Right navigation keys to set the **Alarm** option to **Off** or **On**.

4. Press the Down navigation field to highlight the **Time** field, which is populated with the most current time, rounded up to the next half-hour. The following options are available:

    • To schedule the selected Alarm for the displayed Time, proceed to Step 5.
    • To schedule the selected Alarm for another time, use the keypad to enter the Start Time for the Event.
        – To set AM/PM, if needed, press the Down navigation key to highlight the **AM/PM** field.
        – Use the Left and Right navigation keys to select **AM** or **PM**, or press ◼ for **AM** and press ◼ for **PM**.

5. Press the Down navigation field to highlight the **Frequency** field.

6. Use the Left and Right navigation keys to select the Frequency at which you wish the selected Alarm to occur (**Daily**, **Mon-Fri**, **Weekends**, or **Once**).

7. Press the Down navigation field to highlight the **Ringer** field.

8. Use the navigation keys to select the Ringer type (**Tone** or **Vibrate**) and the ringtone (from **My Ringtones** or **My Sounds**).

9. Press ◻ when you're finished entering the time, frequency, and ringer type for the alarm. Your settings are saved and you are returned to the **Alarm Clock** list.

    The selected Alarm label changes to indicated the new Alarm Time setting.

    If **Alarm** is set to **On**, the alarm icon (⌚) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock image appears in the display and an alert sounds when the specified time for the alarm arrives.

• Press ◻ to silence the alarm.
• If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
• If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. In standby mode, press the **Menu** key (◻), then press ◼ (for **Tools/ Utilities**) and ◼ for **Alarm Clock**. Options similar to the following appear in the display:
    • **06:30 AM   On**
    • **Alarm 2   Off**

- **Alarm 3   Off**

2. Use the Up and Down navigation keys to highlight the desired Alarm (06:30 AM in the above sample), then press the **Options** (right) soft key (![soft key]). The following options appear in the display:
   - **Off**
   - **Reset Alarm**
   - **Reset All**

3. Use the Up and Down navigation keys to highlight **Off**, then press ![OK]. The selected Alarm is turned off. It will not sound again until you set the Alarm to **On**.

Reset the Alarm

1. In standby mode, press the **Menu** key (![OK]), then press ![7] (for **Tools/ Utilities**) and ![4] for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**

2. Use the Up and Down navigation keys to highlight the desired Alarm, then press the **Options** (right) soft key (![soft key]). The following options appear in the display:
   - **Off**
   - **Reset Alarm**
   - **Reset All**

3. Use the Up and Down navigation keys to highlight **Reset Alarm**, then press ![OK]. The selected Alarm is turned off and its settings are returned to default values.

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

Note: To use World Time, you need to subscribe to your Cellular Provider's digital service.

---

1. In standby mode, press the **Menu** key (![OK]), then press ![7] (for **Tools/ Utilities**) and ![5] for **World Time.** A world map appears in the display.

2. Use the Left and Right navigation keys to browse cities and their current times. The following cities are supported.

EST/EDT: Detroit Washington D.C New York Montreal Boston	Caracas	Brasilia	Mid Atlantic
Cape Verde	London	Paris	Rome
Berlin	Athens	Helsinki	Jerusalem
Moscow	Baku	Abu Dhabi	Tashkent
Alma-ata	Bangkok	Jakarta	Hong Kong
Beijing	Seoul	Tokyo	Guam
Sydney	Okhotsk	Wellington	Samoa
Midway	HAST/HADT: Honolulu Hawaii	AKST/AKDT: Alaska	PST/PDT: Seattle San Francisco Los Angeles
MST/MDT: Denver Arizona	CST/CDT: Dallas Chicago Houston Mexico City		
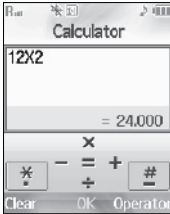
3. Do one of the following:
   - Press the ⊙ key to set the selected time zone as the default time zone for your phone.
   - Press the ▭ key to return to the **Tools/Utilities** menu without changing the default time zone for your phone.

Enable Daylight Savings Time (DST)

1. While viewing the World Time map, press the **Options** (right) soft key (▮). **DST Off** / **DST On** appears in the display.
2. Press the ⊙ key to accept the highlighted setting. If the DST icon (☀) appears in the display, it indicates that Daylight Savings Time is enabled.
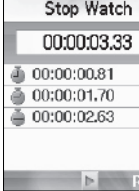
Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

1. In standby mode, press the **Menu** key (⬚), then press 🔘 (for **Tools/Utilities**) and 🔘 for **Calculator**. The **Calculator** screen appears in the display.

2. Enter the first number in your equation using the keypad. (Numbers can be up to nine digits long.)

   • Press 🔘 to enter a decimal point.
   • Press 🔘 to change the sign for a number to a negative.
   • Press the **Operator** (right) soft key (🔘) to add parentheses [**( )**] to your equation or to enter an **Power** exponent (**^**), such as, 3^2, which is the equivalent of 3^2.
   • Press the **Clear** (left) soft key (🔘) to clear current entries.

3. Use the navigation keys (as shown in the **Calculator** screen) to set the type of calculation that you wish to perform. Your choices are as follows.

   • [**+**] Addition
   • [**x**] Multiplication
   • [**-**] Subtraction
   • [**÷**] Division

4. Use the keypad to enter the second number into your equation.

5. Press ⬚ to perform the calculation and view the result.

Stop Watch

You can use this function to set a stop watch.

1. In standby mode, press **Menu** key (⬚), then press 🔘 (for **Tools/Utilities**) and 🔘 for **Stop Watch**. The **Stop Watch** screen appears in the display.

2. Press the ⬚ key to start, stop, and resume the stopwatch count.

3. Press the **Record** (left) soft key (🔘) at the start of each succeeding event/lap to record the completion time for the previous event/lap. You can record up to eight event/lap times.

4. Press the **Reset** (right) soft key (▮) to reset the stop watch and to erase all recorded stop watch (lap) times.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. In standby mode, press the **Menu** key (⊙⊙), then press 🔲 (for **Tools/Utilities**) and 🔲 for **Converter**. The following list of converters appears in the display:

   - **Currency**
   - **Length**
   - **Weight**
   - **Volume**
   - **Area**
   - **Temperature**

2. Use the navigation keys to highlight the conversion feature you wish to use, then press the ⊙⊙ key.

3. Use the navigation keys to select the units to be converted **From** and **To**.

4. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press the 🔲 key.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. In standby mode, press the **Menu** key (⊙⊙), then press 🔲 (for **Tools/Utilities**), 🔲 (for **Converter**), and 🔲 for **Currency**.

2. Press the **Rate** (left) soft key (▮▮). The **Exchange Rate** list appears in the display.

3. Press the **EDIT** key (⬜). The **Edit Exchange Rate** list appears in the display.

4. Use the Up and Down navigation keys to highlight a currency whose exchange rate you wish to change.

5. Use the keypad keys to change the selected exchange rate value.

6. Press the ⬜ key to save the changed exchange rate. The **Exchange Rate** list appears in the display.

7. To change any other exchange rates, repeat Steps 3 – 6.

8. Press the ▭ CLR ▭ key to return to the **Converter** screen.
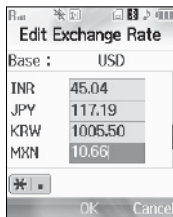
Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. In standby mode, press the **Menu** key (⬜), then press ▮7▮ (for **Tools/ Utilities**), ▮8▮ (for **Converter**), and ▮1▮ for **Currency**.

2. Press the **Rate** (left) soft key (▮▮). The **Exchange Rate** list for the **From** currency appears in the display.

3. Press the **Add** (left) soft key (▮▮). The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.

4. Use the Left and Right navigation keys to select the **Base** currency to be converted from.

5. Press the Down navigation key to highlight the **Currency** field.

6. Enter an identifier of up to 5 characters for the new currency using the keypad. (See *"Entering Text"* on page 48 for more information.)

7. Press the Down navigation key to highlight the **Exchange Rate** field.

8. Enter a decimal exchange rate for the new currency using the keypad.
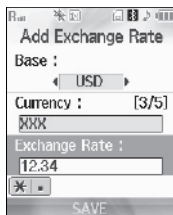
Note: Press the ⬛ key to enter the decimal point.

The Exchange Rate field only accepts up to five digits after the decimal point.

9. Press the ⬛ key to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. In standby mode, press the **Menu** key (⬛), then press ⬛ (for **Tools/Utilities**), ⬛ (for **Converter**), and ⬛ for **Currency**.

2. Press the **Rate** (left) soft key (⬛). The **Exchange Rate** list for the **From** currency appears in the display.

3. Use the Up and Down navigation keys to highlight the user-added currency exchange rate to be erased.

4. Press the **EDIT** key (⬛) then press the **Erase** (right) soft key (⬛). You are prompted to confirm the erasure.

Note: The right soft key (⬛) is undefined for default Exchange Rates. This prevents you from erasing them.

5. Press the **Yes** (left) soft key (⬛) to erase the selected exchange rate or press the **No** (right) soft key (⬛) to return to the Exchange Rate list.
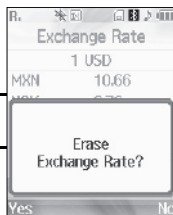
Tip Calculator

Tip Calculator automatically calculates the following amounts:

• Gratuity (tip)

• Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.
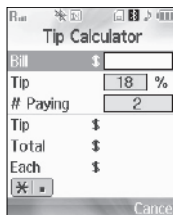
1. In standby mode, press the **Menu** key (⬭), then press ⬛ (for **Tools/ Utilities**) and ⬛ for **Tip Calculator**. The Tip Calculator screen appears with the **Bill** field is highlighted.

2. Use the keypad to enter the total amount of the bill.

3. If needed, press the Down navigation key to highlight the **Tip** field.

4. Use the keypad to enter a tip percentage.

5. If needed, press the Down navigation key to highlight the **# Paying** field.

6. Use the keypad to enter the number of persons paying.

7. The amount of the Tip, the bill Total, and the amount Each person should pay appear in the lower half of the screen.

Section 13: Settings

Topics Covered

- Accessing Your Phone's Settings
- Location Setting
- Display Settings
- Sound Settings
- Call Settings
- Phone Settings
- Memory Info
- Phone Info

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Accessing Your Phone's Settings

To access your phone's settings, do the following:

1. In standby mode, press the **Settings** (left) soft key ( ). The Settings menu appears in the display, showing the following options:

    - **Location** — Set your phone to send location data continually or only when you dial 911.
    - **Display Settings** — Set your phone's display background image, brightness, content format, and more.
    - **Sound Settings** — Select ringers, volumes, and other tones.
    - **Call Settings** — Set how your phone handles voice and data calls.
    - **Phone Settings** — Set your phone's safety, network, and security options.
    - **Memory Info** — Select where photos and videos are stored, manage your phone's memory, and format and manage Memory Card storage.
    - **Phone Info** — Access information about your phone, such as your phone number, meanings of phone status icons, hardware and software versions, and more. (Some of this information is valuable to you if you need to call for customer support.)

2. Use the Up/Down navigation keys to highlight the desired sub-menu, then press the ⌷ key to access your selection.

Tip: You can also access the **Settings** menu from standby mode by the **Menu** key (⌷), then pressing ⌷ for **Settings**.

Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually or only when you make an emergency (911) call.

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

---

1. In standby mode, press the **Settings** (left) soft key (⌷), then press ⌷ for **Location**. The following Location options appear in the display:
   • **Location On** — Your location data is continually sent wherever the feature is available.
   • **911 Only** — Your location data is sent only when you dial 911.
2. Use the Up/Down navigation keys to highlight an option, then press ⌷ to save your selection. The **Settings** menu appears in your display.
3. Press ⌷ to return to standby mode.

Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

1. In standby mode, press the **Settings** (left) soft key (⌷), then press ⌷ for **Display Settings**. The following menus appear in the display:
   • **Menu Style** — Choose how main menus appear in the display when you press the **Menu** (left) soft key(⌷).
   • **Wallpaper** — Choose the images that appear as background in your phone's display on while in standby mode.
   • **Clock Format** — Choose whether the time and date appear in the your phone's display in optional digital or analog (clock face) style or Off.
   • **Theme** — Choose the color set used to show menus and screens on your phone's display.
   • **Dialing Font** — Lets you select the style and size of the font used to display digits you dial.
   • **Banner** — Lets you change or replace the text greeting that appears in the display when your phone is in standby mode.
   • **Backlight** — Set backlight options for the Main Display, Keypad, and backlight Brightness.

2. Use the Up/Down navigation keys to highlight a sub-menu, then press the ⊙ key to enter the highlighted sub-menu. The following sub-sections describe the Display sub-menus in greater detail.

Menu Style

1. In standby mode, press the **Settings** (left) soft key (▤), then press **2 abc** (for **Display Settings**) and **1 ▤** for **Menu Style**. The following options appear in the display:

    • **Icon** — Shows all main menus as an array of icons.
    • **List** — Shows main menus in scrollable list (text) format.

2. Use the Up/Down navigation keys to highlight **Icon** or **List**, then press the ⊙ key.

Wallpaper

Wallpaper lets you choose images that appear in the background on your phone's Main and Front displays while in standby mode.

1. In standby mode, press the **Settings** (left) soft key (▤), then press **2 abc** (for **Display Settings**) and **2 abc** for **Wallpaper**. The following options appear:

    • **My Images** — Lets you select a picture you've taken with the camera.
    • **My Videos** — Lets you select a video clip you've taken with the camcorder.
    • **Preset Images** — Lets you select an image that came preloaded with your phone.
    • **Screen Savers** — Main Display only — Lets you select a screen saver image that came preloaded with your phone.

2. Use the Up/Down navigation keys to highlight the image type that you wish to use and press the ⊙ key. A list of images appears in the display.

3. Use the navigation keys to highlight the image that you wish to use and press the ⊙ key to save your selection.

Clock Format

Lets you choose whether the time and date appear in the Main and Front displays on your phone in optional digital or analog (clock face) style or in the default digital style.

1. In standby mode, press the **Settings** (left) soft key (), then press ②_{abc} (for **Display Settings**) and ③_{def} for **Clock Format.**

   The following clock format options appear in the display:
   - **Digital** — Time, date, and day of the week are shown using an alternate, large digital format.
   - **Analog** — Time is shown using an analog clock face image.
   - **Off** — Time, date, and day of the week are shown using the default, small digital format.

2. Use the navigation keys to highlight the image that you wish to use and press the OK key to save your selection.

Theme

Lets you select the colors used to show menus and screens in the Main display.

1. In standby mode, press the **Settings** (left) soft key (), then press ②_{abc} (for **Display Settings**) and ④_{ghi} for **Theme.** The following options appear in the display:
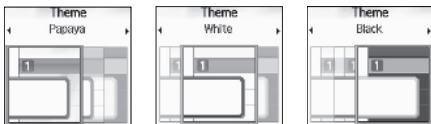
2. Use the Left and Right navigation keys to show the desired color theme (which appears in the preview screen), then pressed the OK key to save the selected theme setting.

Dialing Font

Lets you select the style and color of your dialing font.

1. In standby mode, press the **Settings** (left) soft key (), then press ②_{abc} (for **Display Settings**) and ⑤_{jkl} for **Dialing Font.** The following sub-menus appear in the display:
   - **Style** — Choose the font used to show phone number digits when you enter them to be dialed.
   - **Size** — Choose the size of the digits.

2. Use the Up and Down navigation keys to highlight the desired dialing font characteristic, then press the OK key.
   - If you select **Style**, the following Style options appear in the display:
     – **Normal**
     – **Quill Pen**

–   **Sticky**

–   **Color Dial**

Use the Left and Right navigation keys to highlight the desired setting and press the ⌨ key to save the selected setting.

• If you select **Size**, the following Size options appear in the display:

–   **Normal**

–   **Large**

Use the Up/Down navigation keys to highlight the desired setting and press the ⌨ key to save the selected setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1.   In standby mode, press the **Settings** (left) soft key (▉), then press ②abc (for **Display Settings**) and ⑥mno for **Banner**. The following banner options appear in the display:

•   **Personal** — Lets you enter text to be displayed in the standby screen.

•   **ERI Banner** –– Lets you enable (**On**) / disable (**Off**) the ERI banner, which displays the network in which you have subscribed.

2.   Use the Up/Down navigation key to highlight the desired option, then press the ⌨ key to access the highlighted option.

3.   If you select the **Personal** option, the **Banner** screen appears in the display with the **Enter Text** field highlighted.

4.   Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 13 characters). See *"Entering Text"* on page 48 for more information.

Tip: Press and hold ▭CLR to erase an existing banner, if necessary.

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5.   Press the ⌨ key to save your changes.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

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1. In standby mode, press the **Settings** (left) soft key (![icon]), then press ![2abc] (for **Display Settings**) and ![7pqrs] for **Backlight.** The following sub-menus appear in the display**:**

   • **Main Display** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.

   • **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.

   • **Brightness** — Use the Left and Right navigation keys to select between any of 5 optional settings.

2. Use the Up and Down navigation keys to highlight the desired sub-menu and press the ![OK] key.

3. Use the navigation keys to change settings as desired in the selected sub-menu, and press the ![OK] key to save your selection.

Sound Settings

Sound Settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

Volume

Use the Volume sub-menu to set the default volume for call ringers, message alerts, and alarms.

1. In standby mode, press the **Settings** (left) soft key (![icon]), then press ![3def] (for **Sound Settings**) and ![1] for **Volume**. The following options appear in the display:

   • **Voice Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.

   • **Messages** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming messages.

   • **Alarms** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.

2. Use the Up/Down navigation keys to highlight the desired option, then press the ![OK] key.

3. Use the navigation keys or the Up/Down volume keys on the left side of your phone to select the volume level (**Ringer Off**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**) or vibrate mode (**Vibrate**, **Vibrate/High**) for the selected option.

4. Press the ⬚ key to save the option setting.

Ringer Type

You can assign ring tones and melodies for calls, alarms, and other alerts in the Ringer Type sub-menu.

1. In standby mode, press the **Settings** (left) soft key (⬚), then press ⬚ (for **Sound Settings**) and ⬚ for **Ringer Type**. The following ringer types appear in the display:
    - **Voice Calls**
    - **Messages**
        - **Text Message**
        - **Picture Message**
        - **Voicemail**
        - **Msg Reminder**

2. Use the navigation keys to highlight a ringer type, then press the ⬚ key. The following ringtone options appears in the display:
    - **My Ringtones**
    - **My Sounds**

3. Use the Up/Down navigation keys to highlight the desired ringtone gallery, then press the ⬚ key.

4. Use the Up/Down volume keys to scroll through the ringer types and melodies for the selected ringer type. Press the **Play** (left) soft key (⬚) to play each tone or melody as you scroll through the list.

5. When the desired ringer type plays, press the ⬚ key to save your selection.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press the **Settings** (left) soft key (⬚), then press ⬚ (for **Sound Settings**) and ⬚ for **Alerts.** The following options appear in the display:
    - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
    - **Roaming** — Sound an alert when you leave your home service area while on a call.
    - **Call Connect** — Sound an alert when you connect/disconnect a call.
    - **Power On/Off** — Play **Power On** and **Power Off** melodies.

- **Charge Alert** — Sound an alert when you connect/disconnect the Travel Adapter or other battery charger.

2. Use the navigation keys to highlight a sub-menu, then press the ⌷Ɽ key. The following options appear in the display:

- **On**
- **Off**

3. Use the Up and Down navigation keys to highlight active (**On**) or inactive (**Off**) for the selected alert.

4. Press the ⌷Ɽ key to confirm your selection.

Key Tone

Key Tone lets you adjust the volume level and length of tone that the keypad generates each time you press a key.

1. In standby mode, press the **Settings** (left) soft key (⊟), then press ❸ᵈᵉ (for **Sound Settings**) and ❹ᵍʰⁱ for **Key Tone**. The following options appear in the display:

- **Tone Level** (volume)
- **Tone Length**

Tone Level is highlighted.

2. Press the ⌷Ɽ key to adjust the Key Tone volume.

- Use the volume keys or navigation keys to set the keypad tones volume.
- Press the ⌷Ɽ key when the desired key beep volume setting is reached. You are returned to the **Key Tone** sub-menu.

3. Use the navigation keys to highlight **Tone Length**, then press the ⌷Ɽ key.

- Use the navigation keys to highlight **Short** or **Long**.
- Press the ⌷Ɽ key to save your setting. You are returned to the **Key Tone** sub-menu.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

Call Answer

You can select a specific answer mode when you receive an incoming call.

1. In standby mode, press the **Settings** (left) soft key (   ), then press
   (for **Call Settings**) and   for **Call Answer.** The following Call Answer
   options appear in the display:

   • **Any Key** — Press any key except   or   to answer an incoming call.
   • **Send Key** — Press   to answer an incoming call.
   • **Slide Up** — Open the slide or press   to answer an incoming call.

2. Use the navigation keys to highlight the method you wish to use for
   answering calls, then press the   key.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time
that you specify.

1. In standby mode, press the **Settings** (left) soft key (   ), then press
   (for **Call Settings**) and   for **Auto Answer.** The following options
   appear in the display:

   • **Off**
   • **After 1 Second**
   • **After 3 Seconds**
   • **After 5 Seconds**

2. Use the navigation keys to highlight the desired setting, then press the
      key.

Auto Retry

Auto Retry automatically re-dials a number if there is no answer or the dialed party is
busy. Depending upon your location, the number of times your phone redials a
number may vary.

1. In standby mode, press the **Settings** (left) soft key (   ), then press
   (for **Call Settings**) and   for **Auto Retry**. The following options appear
   in the display:

   • **Off**
   • **Every 10 Seconds**
   • **Every 30 Seconds**
   • **Every 60 Seconds**

2. Use the navigation keys to highlight the desired setting, then press   .

TTY Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the folder hinge.

Note: TTY Mode must be enabled (**TTY Full** selected) before you can use your phone with TTY/TDD equipment.

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1. In standby mode, press the **Settings** (left) soft key (▐), then press ▐4▐ (for **Call Settings**) and ▐4▐ for **TTY Mode**. A message pops-up warning of possible headset and non-TTY accessory performance impairment when in TTY mode and prompting you to confirm that you want to enable/disable TTY Mode.

    • Press the **Yes** (left) soft key (▐) to confirm you want to change the TTY Mode setting.

    • Press the **No** (right) soft key (▐) to keep the current TTY Mode setting.

2. The following options appear in the display:

    • **TTY Full** — Enables TTY mode while letting you hear and speak with the other party.

    • **TTY + Talk** — Enables TTY mode while letting you speak with the other party.

    • **TTY + Hear** — Enables TTY mode while letting you hear the other party.

    • **TTY Off** — Disables TTY mode.

Note: The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

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3. Use the navigation keys to highlight your selection and press the ▐OK▐ key. You're returned to the previous menu and the TTY icon (▤) appears in the top of the display.

Voice Privacy

Voice Privacy lets you choose what level of voice security (Standard or Enhanced) your phone will use.

Tip: You can change your **Voice Privacy** setting during a call by using the In-Use Menu options. (See *"In-Use Menu"* on page 34 for more information.)

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1. In standby mode, press the **Settings** (left) soft key (▐▐), then press [4 ᵍʰⁱ] (for **Call Settings**) and [5 ʲᵏˡ] for **Voice Privacy**. The following options appear in the display:

   • **Standard**
   • **Enhanced**

2. Use the navigation keys to highlight the Voice Privacy option of your choice, then press the [OK] key.

Data Settings

Use the **Data Settings** sub-menu to set your phone to detect data connections automatically.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press [4 ᵍʰⁱ] (for **Call Settings**) and [6 ᵐⁿᵒ] for **Data Settings.** The following options appear in the display:

   • **Data Off** — Your phone ignores data connections.
   • **Data For Next Call** — Your phone accepts data connection for the next call.
   • **Data Until Powered Off** — Your phone accepts data connections until you turn off your phone.

2. Use the navigation keys to highlight the desired data setting, then press the [OK] key.

Phone Settings

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from making or receiving calls, but allows you to use other features (such as the camera and the Tools/Utilities) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press [5 ʲᵏˡ] (for **Phone Settings**) and [1 ᵃᵇᶜ] for **Airplane Mode**. The following options appear in the display:

   • **On** — Disables the radio transmitter and receiver in your phone.

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press [▐].

   • **Off** — Enables the radio transmitter and receiver in your phone.

2. Use the navigation keys to highlight the desired option, then press the [OK] key. You are prompted to confirm your setting change.

3. Press the **Yes** (left) soft key ([icon]) to change to the new setting. Press the **No** (right) soft key ([icon]) to discard the change and keep the original setting.

4. If you press **Yes**, you are returned to standby mode. If you press **No**, the **Airplane Mode** screen remains in the display.

Language

The Language option changes the language of menus, sub-menus, and other user-interface features.

1. In standby mode, press the **Settings** (left) soft key ([icon]), then press [5] (for **Phone Settings**) and [2] for **Language**.

    The following options appear in the display:

    *   **English**
    *   **Español**

2. Use the navigation keys to highlight your language preference, then press the [OK] key.

Security

Use the Security sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

Lock Phone

Locking the phone blocks all outgoing calls except those to 911 and to the three user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency and secret numbers).

1. In standby mode, press the **Settings** (left) soft key ([icon]), then press [5] (for **Phone Settings**) and [3] for **Security**.

    The "**Enter Code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ![1] for **Lock Phone**. The following options appear in the display:
   - **Lock** — The phone locks immediately and stays locked until you enter the lock code.
   - **Unlock** — The phone remains unlocked.
   - **On Power Up** — The phone locks automatically the next time your phone is powered on and stays locked until you enter the lock code.

4. Use the navigation keys to highlight the Lock Phone option of your choice.

5. Press ![OK] to perform the function for the highlighted option.

Change Lock

The default lock code is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **Settings** (left) soft key (![icon]), then press ![5] (for **Phone Settings**) and ![3] for **Security**.

   The "**Enter Code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ![2] for **Change Lock**. You're prompted to enter the New Lock Code.

4. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.

5. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

You have the option of storing up to three emergency numbers to your phone. Each number can be up to 32 digits in length. All emergency numbers can be dialed any time, even when your phone is locked or restricted.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for essential or emergency calls.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Note: When you dial an emergency number, you phone locks itself to the emergency location that answered the call and locks itself in 911-Only mode, blocking from dialing any number but an emergency number.

Store Emergency Numbers

1. In standby mode, press the **Settings** (left) soft key (![icon]), then press ![5 jkl] (for **Phone Settings**) and ![3 def] for **Security**.

   The "**Enter Code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

   The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ![3 def] for **Emergency #.**

4. Press ![1], ![2 abc], or ![3 def] to select one of the three emergency numbers.

5. Enter the emergency number (up to 32 digits in length).

6. Press ![OK] to save the number that you entered.

7. Press **Cancel** (right) soft key (![icon]) to discard your entry and return to the previous menu.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number via the keypad.

2. Press ![icon] to place the call.

Reset Phone

Reset Phone returns all setup parameters (except for the Contacts list entries) to their factory default values.

Caution!: Before selecting Reset Phone, contact your Wireless Carrier. Invoking Reset Phone may erase settings made by your Wireless Carrier from your phone, resulting in loss of service.

Note: To erase Contacts list entries, see *"Erase All Entry"* on page 161.

Note: To completely remove any personal information stored on your device, see *"Precautions for Transfer and Disposal"* on page 193

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1. In standby mode, press the **Settings** (left) soft key ( ), then press ⑤ (for **Phone Settings**) and ③ for **Security**.

   The "**Enter Code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ④ for **Reset Phone**. A prompt appears in the display to restore default settings (except for Contacts**).**

4. Press the **Yes** (left) soft key ( ) to reset your phone to factory default settings. Press the **No** (right) soft key ( ) to keep the current settings.

Erase All Entry

Erase All Entry erases all information from your Contacts list.

Note: To completely remove any personal information stored on your device, see *"Precautions for Transfer and Disposal"* on page 193

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1. In standby mode, press the **Settings** (left) soft key ( ), then press ⑤ (for **Phone Settings**) and ③ for **Security**.

   The "**Enter code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ![5] for **Erase All Entry**. The "**Enter code**" prompt appears in the display.

4. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Erase All Entries?**" prompt appears in the display.

5. Press the **Yes** (left) soft key (![icon]) to erase all Contacts list entries. Press the **No** (right) soft key (![icon]) to keep the current Contacts list entries.

Restriction

Restriction allows you to restrict outgoing and incoming calls.

1. In standby mode, press the **Settings** (left) soft key (![icon]), then press ![5] (for **Phone Settings**) and ![3] for **Security**.

   The "**Enter code**" prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

3. Press ![6] for **Restriction**. The following options appear in the display:

   • **Outgoing** — When set to **On**, outgoing calls are restricted.
   • **Incoming** — When set to **On**, incoming calls are restricted.

Note: The default restriction settings are **Allow All**.

4. Use the Up and Down navigation keys to highlight the Restriction you want, then press ![OK]. The following options appear in the display:

   • **Allow All** — All calls unrestricted.
   • **Allow None** — All calls restricted.
   • **Allow Contacts** — All calls restricted to/from numbers in your Contacts List.

5. Use the navigation keys to highlight the desired call restriction, then press ![OK].

System Select

The **System Select** feature enables you to automatically or manually select the network used when roaming outside of your home area.

1. In standby mode, press the **Settings** (left) soft key ( ), then press (for **Phone Settings**) and **for System Select**. The following roaming options appear in the display:

   - **Home** — Roaming is **off**. If your home system is not available then your call will not be connected, and the no service icon ( ) appears in the display. In some service areas, an operator may come on-line and ask you how you would prefer to pay for the call.
   - **Automatic** — Roaming is **on**. It will always try your calls using the Preferred Roaming List (PRL) loaded into your phone. If a preferred service is not found, then this option will attempt to acquire any digital service.

2. Use the navigation keys and to highlight the desired Roam option, the press to save your selection.

   The **Phone Settings** menu appears in the display.

Set Date and Time

Use the **Set Date** and **Set Time** option to set the current date and time.

Note: In digital service mode, the **Main Clock** feature is disabled. The network adjusts time and date automatically.

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1. In standby mode, press the **Settings** (left) soft key ( ), then press (for **Phone Settings**) and for **Set Time**. The following options appear in the display:
   - **Set Date**
   - **Set Time**

2. Use the Up and Down navigation to highlight **Set Date**, then press the key. The **Set Date** screen appears in the display.

3. Enter the current date using your keypad:
   - The month and day must be entered using two digits each.
   - The year must be entered with all four digits.

4. Press to save the date.

5. Use the Up and Down navigation to highlight **Set Time**, then press the key. The **Set Time** screen appears in the display.

6. Enter the current time using your keypad:
   - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
   - Use the Left and Right navigation keys to select **am** or **pm**.
7. Press [OK] to save the time.

Quick Search

Quick Search is an easy way to locate contacts in your Address Book and Menu items.

1. In standby mode, press the **Settings** (left) soft key ( ), then press [5] (for **Phone Settings**) and [6] for **Quick Search**. The following options appear in the display:
   - **On**
   - **Off**
2. Use the Up and Down navigation keys to highlight the desired option, then press [OK].

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the contact's name.

   For example, to search for "Sally" you would enter

[7]	[2]	[5]	[5]	[9]
S	A	L	L	Y

2. Press the Up navigation key. The contact name is highlighted.
3. Press the key to call the contact.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the Menu item name.

   For example, to search for "Inbox" you would enter

[4]	[6]	[2]	[6]	[9]
I	N	B	O	X

2. Press the Down navigation key. The menu item is highlighted.

3. Press the ⌨ key to access the content of the menu item.

Memory Info

Memory Info shows the amounts of phone memory and Memory Card memory that are available and used, details the memory usage by file type, and lets you manage the files.

1. In standby mode, press the **Settings** (left) soft key ( ), then press 🔵 for **Memory Info**.

The **Memory Info** screen appears in the display listing the following sub-menus:

- **Save Options** — Select where created multimedia files (photos and videos) and downloaded multimedia files will be stored.
- **Phone Memory** — Review and manage phone memory usage.
- **Card Memory** — Review and manage Memory Card usage and Format new Memory Cards.

2. Use the Up/Down navigation keys to highlight the desired sub-menu, then press ⌨ to access it.

Save Options

Save Options lets you select where your created multimedia files (photos and videos) and downloaded multimedia files will be stored.

1. In standby mode, press the **Settings** (left) soft key ( ), then press 🔵 (for **Memory Info**) and 🔲 for **Save Options**. The **Save Options** screen appears in the display showing the following options:

- **Images**
- **Videos**

2. Use the Up/Down navigation keys to highlight the desired option, then press ⌨. The following memory location settings appear in the display:

- **Phone Memory** — Your images/videos will be stored in your phone.
- **Card Memory** — Your images/videos will be stored on a Memory Card inserted in your phone.

3. Use the Up/Down navigation keys to highlight the desired setting, then press ⌨ to save it.

Phone Memory

Review and manage phone memory usage.

1. In standby mode, press the **Settings** (left) soft key (   ), then press
   (for **Memory Info**) and   for **Phone Memory**. The **Phone Memory**
   screen appears in the display showing the following options:

   • **Memory Usage** — Shows the Total Used phone memory, total Available phone
     memory, and the amounts of memory used by the various file types.
   • **My Images** — Lets you list, review, and manage the image files stored in your
     phone.
   • **My Videos** — Lets you list, review, and manage video clips stored in your
     phone.
   • **My Ringtones** — Lets you list, review, and manage ringtones stored in your
     phone.
   • **My Sounds** — Lets you list, review, and manage the sound (voice memo and
     melody) files stored in your phone.

2. Use the Up/Down navigation keys to highlight the desired option, then
   press   . Memory Usage information or file lists appear in the display.

3. In the file lists, use the Up/Down navigation keys to highlight particular
   files, then press the **Options** (right) soft key (   ). The following options
   appear in the display:

   • **Erase** — Lets you delete a file from your phone.
   • **Move** — Lets you transfer a file from phone memory to a Memory Card.

4. Use the Up/Down navigation keys to highlight the desired option, then
   press   to take the desired action.

Card Memory

Review and manage Memory Card usage.

1. In standby mode, press the **Settings** (left) soft key (   ), then press
   (for **Memory Info**) and   for **Card Memory**. The **Card Memory** screen
   appears in the display showing the following options:

   • **Memory Usage** — Shows the Total Used Memory Card storage, total Available
     Memory Card storage, and the amounts of Memory Card storage used by the
     various file types.
   • **My Images** — Lets you list, review, and manage the image files stored on a
     Memory Card.
   • **My Videos** — Lets you list, review, and manage video clips stored on a Memory
     Card.
   • **My Music** — Lets you list, review, and manage music files stored on a Memory
     Card.

- **Format Card** — Lets you prepare a Memory Card for use in your phone.

2. Use the Up/Down navigation keys to highlight the desired option (except **Format Card**), then press ⌨. Memory Usage information or file lists appear in the display.

3. In the file lists, use the Up/Down navigation keys to highlight particular files, then press the **Options** (right) soft key (▮). The following options appear in the display:

- **Erase** — Lets you delete a file from your phone.
- **Move** — Lets you transfer a file from phone memory to a Memory Card.

4. Use the Up/Down navigation keys to highlight the desired option, then press ⌨ to take the desired action.

Format Memory Card

Formatting a microSD External Memory Card erases any data currently on the card and creates directories compatible with your device.

Important!: Repeated formatting of microSD Memory Cards can reduce the service life of these devices.

To format an External Memory Card, do the following:

1. In standby mode, press the **Settings** (left) soft key (▮), then press **6 mno** (for **Memory Info**), **3 def** (for **Card Memory**), and **5 jkl** for **Format Card**. You're prompted to confirm that you want to format the Memory Card.

2. To format the Memory Card, press the **Yes** (left) soft key (▮).

   To return to the **Card Memory** screen without formatting the Memory Card, press the **No** (right) soft key (▮).

Phone Info

Phone Info lets you identify the hardware and software versions of your phone and to identify the phone number assigned to your phone.

Phone Number

This option causes the **Phone Number** screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Carrier.

1. In standby mode, press the **Settings** (left) soft key (▮), then press **7 pqrs** (for **Phone Info**) and **1 ₑₐ** for **Phone Number**. The phone number assigned by your Wireless Carrier appears in the display.

2. Press ⌨ to return to the **Phone Info** menu.

Icon Glossary

This option causes the **Icon Glossary** list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press ⁷ᵖqrs (for **Phone Info**) and ²ᵃᵇᶜ for **Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.

2. Press ⓞⓚ to return to the **Phone Info** menu.

Version

You can view the PRL (Preferred Roaming List), ERI (Extended Roaming Indicator), software version, and hardware version on your phone. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press ⁷ᵖqrs (for **Phone Info**) and ³ᵈᵉᶠ for **Version**.

   Hardware and software information for your phone appears in the display.

2. Press ⓞⓚ to return to the **Phone Info** menu.

ESN / MEID

You can view the ESN and MEID values in both Decimal and Hexadecimal values from this menu.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press ⁷ᵖqrs (for **Phone Info**) and ⁴ghi for **ESN / MEID**.

   The ESN and MEID information displays in Decimal digits and in Hexadecimal characters.

2. Press ⓞⓚ to return to the **Phone Info** menu.

Warranty Date Code

The device provides a customer warranty date code. The code (date MM/DD/YYYY and time HH:MM) is populated into the device after 10 minutes of CDMA usage time. This Date Code value may be used to determine the device warranty status.

You can view the Warranty date code for your phone.

1. In standby mode, press the **Settings** (left) soft key (▐▐), then press ⁷ᵖqrs (for **Phone Info**) and ⁵jkl for **Warranty date code**.

   The Warranty date code information appears in the display.

2. Press ⓞⓚ to return to the **Phone Info** menu.

Section 14: Health and Safety Information

Topics Covered

- Health and Safety Information
- Samsung Mobile Products and Recycling
- UL Certified Travel Adapter
- Consumer Information on Wireless Phones
- Road Safety
- Responsible Listening
- Operating Environment
- Using Your Phone Near Other Electronic Devices
- Potentially Explosive Environments
- Emergency Calls
- FCC Notice and Cautions
- Other Important Safety Information
- Product Performance
- Availability of Various Features/Ring Tones
- Battery Standby and Talk Time
- Battery Precautions
- Care and Maintenance

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC 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 new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

Part 22
• Head: 1.0 W/Kg.
• Body-worn: 0.816 W/Kg.

Part 24

• Head: 0.545 W/Kg.

• Body-worn: 0.703 W/Kg.

SAR information on this and other model phones can be viewed on-line at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://www.samsung.com/us/consumer/type/ type.do?group=mobilephones&type=mobilephones for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

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 radio frequency 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 radio frequency 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 radio frequency 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 radio frequency 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 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 phones 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 ten 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 radio frequency 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 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 radio frequency 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 radio frequency 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 radio frequency 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 "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency 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 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.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/

- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- National Radiation Protection Board (UK):
  http://www.hpa.org.uk/radiation
- US Food and Drug Administration
  http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. 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 potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that

are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you 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: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device. Persons who have such devices:

• Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;

• Should not carry the phone in a breast pocket;

• Should use the ear opposite the implantable medical device to minimize the potential for interference;

• Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

• Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see, http://www.fcc.gov/oet/rfsafety/rf-faqs.html

Hearing Aid Compatibility with Mobile Phones

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

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

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

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch 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.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

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

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and

accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.

- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.

- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 15: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG

TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

• THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;

• WARRANTIES OF TITLE OR NON-INFRINGEMENT;

• DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;

- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION 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/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE

OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

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