SGH-T229 Series

P O R T A B L E   T r i - B A N D

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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Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

Activating Your Phone

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many other features.

Installing the SIM Card

Important!: The plug-in SIM card and its contacts information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

1. If necessary, switch off the phone by holding down the 🔚 key until the power-off image displays.

2. Remove the battery cover by pressing the battery lock down until you hear a click sound (as indicated).

3. Carefully lift the battery cover away from the bottom of the phone.

4. Carefully slide the SIM card into the SIM card socket until the card locks into place. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown below.

Note: If the card is not inserted correctly, the phone will not detect the SIM card. Remove the battery and re-orient the card back into the slot.

Replacing the Battery:

1. Slide the battery back into the compartment so that the tabs on the end align with the slots at the bottom of the phone.

2. Press the battery down until it clicks into place (as shown).

3. Reinstall the battery cover by sliding it back onto the phone until you here it securely click. Make sure the battery is properly installed before switching on the phone.

Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. A travel adapter, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging, but doing so requires additional charging time.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

1. With the battery installed, temporarily remove the plastic cover on the right side of the phone and plug in the travel adapter's connector into the jack.

Important!: Verify that the handset battery is installed prior to connecting the travel adapter. If the battery is not installed and the travel adapter is connected the handset will power cycle continuously preventing proper operation.

2. Plug the adapter's power plug into a standard AC wall outlet.

Note: The previous illustration displays the **incorrect** method for connecting the charger. If attempted, damage to the accessory port will occur therefore voiding the phone's warranty.

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3. When charging is finished, first unplug the adapter's power plug from the AC wall outlet and then disconnect the travel adapter's connector from the phone then resecure the plastic cover over the interface jack on the phone.

Warning!: Failure to unplug the travel adapter before you remove the battery, can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain; a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode.

When the battery level becomes too low, the phone automatically turns off.

Switching the Phone On or Off

1. Press and hold the 🔚 key until the phone switches on.

2. If the phone asks you to enter the phone password, use the keypad to enter your password and press either the **OK** soft key or the ⬜ key.

3. If the phone asks for a PIN, use the keypad to enter the PIN and press either the **OK** soft key or the ⬜ key. For more information, refer to *"Check PIN code"* on page 66.

The phone searches for your network and after finding it, the term displays on the upper left half of your screen. Now you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Language"* on page 64.

4. When you wish to switch off the phone, press and hold the 🔚 key until the power-off image displays.

Setting Up Your Voice Mail

For new users, follow the instructions below to set up voice mail:

1. In Idle mode, press and hold the 1 key on the keypad.

2. You may be prompted to enter a password.

3. Follow the tutorial to create a password, a greeting, and your name.

4. These steps may be different depending on your network.

Accessing Your Voice Mail

You can access your voice mail by either pressing and holding the key on the keypad or by using the phone's menu. To access voice mail using the menu:

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Voice mail** and press the **Call** or ⓞⓚ soft key. Your phone dials the specified voice mail number.

2. When connected, follow the voice prompts from the voice mail center.

Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

• VGA Camera with 4x Digital Zoom
• Bluetooth® Wireless Technology
• User friendly, menu driven access to features and options
• Instant Messaging capability
• Sound/Image media capability
• Fun & Apps feature provides files, games, camera, alarms, calendar, calculator, world time, unit conversion, timer, and stopwatch.

Open View of Your Phone

The following illustrations show the main elements of your phone:

### Keys

The following list correlates to the illustrations.

1. **Earpiece** allows you to hear the other caller and the different ring tones or sounds offered by your phone.

2. **Left Soft key** allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen.

3. **Volume keys** allow you to adjust the Ring volume in standby mode (with the phone open) or adjust the Speaker volume during a call. When receiving an incoming call, if you press the volume key, you can mute the ring tone. If you press and hold the volume key, you can reject the call.

4. **Send key** allows you to make or answer a call. In Idle mode, recalls the last number dialed or received when held down.

5. **Voice mail key** allows you to quickly access your voice mail. Press and hold this key for two seconds to automatically dial your voice mail's phone number.

6. **Alphanumeric keys** allow you to enter numbers, letters, and some special characters.

7. **Special Function keys** allow you activate unique features while in Idle mode. In Idle mode, if you press and hold the ⌗ key, you can turn on the Vibration Mode.

8. **Microphone** is used during phone calls and allows other callers to hear you clearly when you are speaking to them. It is also used in making voice note recordings.

9. **Power On/Off (Exit) key** ends a call. Press and hold this key for two seconds to turn your phone on or off. While in the Menu mode, it returns the phone to Idle mode and then cancels your input.

10. **Cancel/Clear key** deletes characters from the display. In Menu mode, this key returns you to the previous menu level.

11. **Navigation key** scrolls through the phone's menu options and acts as a shortcut key from standby mode.
In Menu mode, scrolls through the phone's menus and Phonebook.

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In Idle mode:

- • **Down key**: allows you to directly access your Contact list.
- • **Up key**: allows you to directly access the Call records.

Tip: When entering text, use the **Left** or **Right** Navigation key to mark the position of the cursor.

- • **Left key**: allows you to directly access Text messaging (New Message).
- • **Right key**: allows you to directly access Voice note.

12. **Right Soft key** allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. It also provides quick access to your t-zones.

13. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.

14. **Display** shows all the information needed to operate your phone, such as the received signal strength, phone battery level, and time.

Closed View of Your Phone

The following illustrations show the external elements of your phone.

1. **Volume key(s)** are used to increase or decrease the volume.

2. **Camera lens** is used to take pictures.

3. **External display** indicates when you have an incoming call or message. It also displays date, time, reception, battery power, and any icons associated with alerts, such as messages, or a set alarm.

Icons

This list identifies the symbols that display on your phone's screen on the Icon bar:

📶	Shows the received signal strength. The greater the number of bars, the stronger the signal.
🔋	Shows the level of your battery. The more bars you see, the more power you have remaining.
✉	Displays when a new text message was received.
📼	Displays when a new voice mail was received.
📩	Displays when a new picture message was received.
🔔	Displays when you set an alarm to ring at a specified time. For more details, see *"Alarm"* on page 81.
🚫	Displays when you are out of your service area.
📞	Displays when a call is in progress.
➡	Displays when the Call Forwarding feature is active. For more details, see *"Call forwarding"* on page 70.
✖	Displays when the Incoming call sounds are set to Silent mode.
📳	Displays when the Incoming call sounds are set to vibration.
🎵	Displays when the Incoming call sounds are set to Melody and vibration.
🎵	Displays when the Incoming call sounds are set to Vibration then melody.
🎵	Displays when the Incoming call sounds are set to Melody then vibration.
🔵	Displays when Bluetooth wireless technology is active.

Backlight

A backlight illuminates the internal display and the keypad. When you press any key, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting within the **Backlight** menu. The display turns off after one minute to conserve battery power.

The **On** setting is how long the keypad backlight is on. The **Dim** option is how much longer after the keypad backlight goes off that the display remains lit.

To specify the length of time the backlight is active, access the **Backlight** menu:

1. In Idle mode, press **Menu ➔ Settings ➔ Display settings ➔ Backlight** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight the **Duration** and press the **Select** soft key or the ⌜OK⌟ key.

3. Highlight the **On** option. Use the **Left** or **Right** Navigation key to select the time the backlight is on. You may choose between **15 sec**, **30 sec**, **1 min**, **3 min**, or **10 min**.

4. Press the **Down** key to take you to the **Dim** option. Use the **Left** or **Right** Navigation key to select the time the Dimming mode is on. You may choose between **Off**, **15 sec**, **30 sec**, **1min**, or **3 min**.

5. Press the **Save** soft key to retain your new settings.

Backlight Brightness

To specify the brightness level for the backlight, access the **Backlight** menu:

1. In Idle mode, press **Menu ➔ Settings ➔ Display settings ➔ Backlight** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight the **Brightness** option and press the **Select** soft key or the ⌜OK⌟ key.

3. Use the **Left** or **Right** Navigation key to select the brightness level and press the **Save** soft key.

4. Press the ⌜☎⌟ key to return to Idle mode.

Display

Your phone has a display on the front of the phone. It indicates when you have an incoming call or message. It also alerts you at a specified time when you have set an alarm. The backlight turns on and the corresponding icon displays on the screen.

The display shows the current time on a digital clock.

Help

Help is designed to work with t-zones to show you some of the unique features of your phone. You can search help files on the fly while traveling, at home or anywhere, using help.wap.com.

1. In Idle mode, press **Menu** ➔ **Help** and press the **Select** soft key or the ⓞⓚ key.

2. The **Help** menu displays with the following options available:

    • **Browse Help Topics**: this option gives you a list of different topics from which you can select.

    • **Enter a Search**: this option allows you to search based on a keyword.

    • **My Account**: this option provides you with account specific information such as your current status, current activity, Bill Summary, Plan & Services, Voicemail Settings, Find a Retail Store, and FAQ's & Info.

    • **About**: this option offers general information about **Help** including concept and site design, copyright information, and contact email address.

To access the browser options menu:

▶ Press the **Menu** soft key.

    - OR -

    Highlight the **Openwave** icon at the top left of the page then press the ⓞⓚ key.

Note: The menus may vary, depending on your t-zones subscription.

For more information on browser options, see *"Selecting and Using Menu Options"* on page 98.

Section 3: Call Functions

This section describes how to make or answer a call. It also explains the features and functionality associated with making or answering a call. For more information on Ringtones see *"Ring tone"* on page 59. For more information on Call Forwarding see *"Call forwarding"* on page 70.

Making a Call

▶ When the idle screen displays, enter the number you wish to dial and press the 🔄 key.

Note: When you activate the **Auto redial** option in the Extra settings menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail.

Making an International Call

1. Press and hold the ⬛+ key. The **+** character displays.

2. Enter the country code, area code, and phone number.

3. Press the 🔄 key to make the call.

Correcting the Number

1. To clear the last digit displayed, press the ⬛ᴄ key.

2. To clear any other digit in the number, press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to be cleared and then press the ⬛ᴄ key. You can also enter a missing digit.

3. To clear the whole display, press and hold the ⬛ᴄ key.

Ending a Call

▶ When you want to finish your call, briefly press the 📴 key.

Redialing the Last Number

The phone stores the numbers of the calls you've dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. If you have typed characters on the display, press the 📴 key to return to Idle mode.

2. Press the **Up** Navigation key to display a list of the most recent numbers used in the order you dialed or received them.

3. Use the **Up** and **Down** Navigation keys to scroll through the numbers and highlight the number you want.

4. To view details of the number, press the `OK` key.

   Before you dial the number, you may also press the **Options** soft key to display the following options:

   - **Call back**: Places a call back to the number.
   - **Send message**: Allows you to send a Text message, Send picture, Audio postcard, or Voice note to the number.
   - **Save to Phonebook**: Stores the number in your Phone memory, onto your SIM card.
   - **Delete**: Allows you to delete the Selected number or All call records.
   - **Add to block list**: Allows you to add the highlighted number to the blocked call list.

5. To dial the number, press the key.

Making a Call from the Phonebook

You can store regularly used phone numbers into the phone's memory or onto your SIM card. These entries are collectively called the Phonebook.

Once you have stored a number in the Phonebook, you can dial it by pressing only a few keys. You can also assign your most frequently-used numbers to number keys using the Speed Dial feature.

For further details about the Phonebook feature, see *"Understanding Your Phonebook"* on page 33.

Adjusting the Call Volume

During a call, use the Volume keys on the left side of the phone, to adjust the speaker volume.

▶ Press the key to increase the volume level and the key to decrease the level.

In Idle mode, you can also adjust the ring volume using these keys.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, or name if stored in Phonebook, is then displayed.

1. Press the key or the **Accept** soft key to answer the incoming call.

   If the **Any key** option in the **Answer options** menu is activated, you can press any key to answer a call except for the key and the **Reject** soft key.

Note: To reject an incoming call, press the **Reject** soft key or key.

2. End the call by pressing the key.

Note: You can answer a call while using the Phonebook or menu features. After ending the call, the phone returns to the function screen you were previously using.

Call Records

All incoming, outgoing and missed calls are listed in the Call Records. You can also view Call time records.

1. In Idle mode, press **Menu ➔ Call records** and press the **Select** soft key or the key.

Tip: You can also access the call records of **All calls**, **missed, incoming**, or **outgoing** calls by pressing the **Up** Navigation key while in Idle mode.

The following Call Record options are available:

All calls

This menu lets you view the 60 most recent calls you received, dialed, and missed.

The name or number, if already stored in your Phonebook, displays with the number of occurrences for each number.

Note: At any time while you are in Call Records, you may use the **Left** or **Right** Navigation keys to scroll between **All calls**, **Missed calls**, **Incoming calls**, and **Outgoing calls**.

Missed calls

This menu lets you view the 20 most recent calls you received, but did not answer. The name and number, if already stored in your Phonebook, displays with the number of occurrences for each number.

Viewing Missed Calls

When you are unable to answer a call for any reason, you can find out who is calling you, if this service is available, so that you can call the person back.

The number of calls you missed displays on the idle screen immediately after a call is missed.

To view a missed call immediately:

1. If the display is off, press the volume key to turn the display on.
2. Press the **View** soft key.

The number corresponding to the most recently missed call displays, if available.

3. To scroll through the missed calls, press the **Up** or **Down** Navigation key.
4. To call the number displayed, press the key.

5. Press the **Options** soft key for the following options:
   - **Call back**: Places a call back to the number.
   - **Send message**: Allows you to send a Text message, Send picture, or Voice note back to the missed number.
   - **Save to Phonebook**: Stores the number in your Phone memory onto your SIM card, or your SIM card(FDN).
   - **Delete**: Allows you to delete the selected number or delete all call records.
   - **Add to block list**: Allows you to add the highlighted number to the blocked call list.

You can press the key at any time to exit the Missed Call feature.

Incoming calls

This menu lets you view the 20 most recent calls you received.

The name and number, if already stored in your Phonebook, is then displayed with the number of occurrences for each number.

Outgoing calls

This menu lets you view the 20 most recent calls you dialed.

The name and number, if already stored in your Phonebook, displays with the number of occurrences for each number.

Delete all

This menu allows you to delete all of the records in each call record separately, or you can delete all of your call records at one time.

1. In Idle mode, press **Menu** ➔ **Call records** and press the **Select** soft key or the ⌜OK⌝ key.

2. Scroll to **Delete all** and press the **Select** soft key or ⌜OK⌝.

3. Press the ⌜OK⌝ key to place a check mark next to the types of calls to delete then press the **Delete** soft key.

4. At the prompt press the **Yes** soft key to delete, or the **No** soft key to cancel.

5. Press the ⌜☏⌝ key to return to Idle mode.

Call time

This menu lets you view the time log for calls both made and received.

Note: The actual time invoiced by may differ from times displayed due to network features and service plan.

The following time logs are available:

• **Last call time**: displays the length of your last call.

• **Total outgoing**: displays the total length of all calls you have made since the timer was last reset.

• **Total incoming**: displays the total length of all calls you have received since the timer was last reset.

• **Life time**: displays the total length of time for both incoming and outgoing calls. The length of call time must be at least 1 minute to increment this field. This information cannot be cleared.

Silent Mode

Silent Mode is convenient when you wish to stop the phone from making any noise, in a theater for example.

In Idle mode, press and hold the ⌜#⌝ key until the "Vibration Mode On" message and the Silent Mode icon (⌜▯⌝) displays. In Silent Mode, instead of sounds, your phone vibrates.

To exit and reactivate the previous sound settings, press and hold the ⌜#⌝ key again until the "Exit Vibration Mode" message displays. The Silent Mode icon (⌜▯⌝) no longer displays.

Selecting Functions and Options

Your phone offers a set of functions that allow you to customize it. These functions are arranged in menus and sub-menus, accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.

Soft Keys

The roles of the soft keys vary depending on the function you are currently using. The labels on the bottom line of the display just above each key indicate their current role.

Press the Left soft key for **Menu** mode.

Press the Right soft key to access the **t-zones**
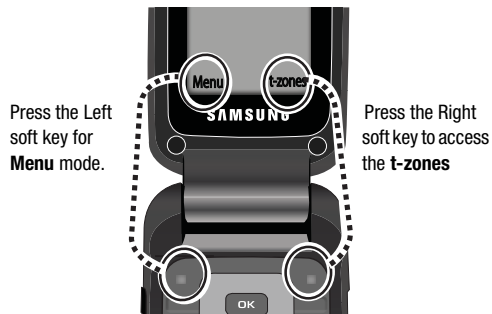
Selecting Options

To view the various functions and options available, you must select the one you want by:

1. Press the appropriate soft key.

2. To select the function displayed or the option highlighted, press the **Select** soft key or the ⌜OK⌝ key.

3. To view the next function or highlight the next option on a list, press the **Down** Navigation key.

4. To move back to the previous function or option on a list, press the **Up** Navigation key.

5. To move back up one level in the menu structure, press the **Back** soft key.

6. To exit the menu structure without changing the settings, press the ⌜⌝ key.

In some functions, you may be asked for a password or PIN. Enter the correct code and press the **OK** soft key or the ⌜OK⌝ key.

When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it directly.

Options During a Call

Your phone provides a number of control functions that are available for use during a call.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to a person in the room but do not want the person on the phone to hear you.

To switch the microphone off temporarily:

▶ Press the ⌜OK⌟ key to mute the microphone. The other person can no longer hear you. The Mute icon ( ) displays at the bottom left of the screen.

To switch the microphone back on:

▶ Press the **Options** soft key. Select the **Unmute** option and press the **Select** soft key or the ⌜OK⌟ key. The other person can hear you again.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while you have a call in progress if your network supports this service.

To place a call on hold:

1. Press the **Options** soft key, highlight the **Hold** option, then press the **Select** soft key or the ⌜OK⌟ key.

2. You can reactivate the call whenever you want, by pressing the **Resume** soft key.

To make a new call while you have a call in progress:

1. Press the **Options** soft key, highlight the **New Call** option, then press the **Select** soft key or the ⌜OK⌟ key.

2. Enter the new phone number that you wish to dial.

3. Press the ⌜🔽⌟ key to dial the second call.

The first call is then automatically put on hold.

When you have both an active call and a call on hold, you may switch between the two calls by placing the current held call to active and then placing the other on hold.

To switch between the two calls:

1. Press the **Options** soft key, select **Swap**, and press the [OK] key. The current active call is placed on hold and the call on hold is then reactivated so that you can continue conversing with that person.

2. Press the [🔚] key to return to Idle mode.

Using the Speakerphone

While on a call, you can use your Speakerphone by following these steps:

1. Press the **Spkr on** soft key.

2. To turn the Speakerphone off, press the **Spkr off** soft key.

Important!: For safety information related to speakerphone use, see *"Responsible Listening"* on page 109.

Muting or Sending Key Tones

These options allow you to turn the key tones off or on. If you set the **Volume** level to zero, the keytones are muted and your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which then allows you to press keys without hearing annoying key tones during a call.

Note: To communicate with answering machines or computerized telephone systems, the Keypad tone, volume level must be set to 1 or higher.

Searching for a Number in Phonebook

You can search for a number in Phonebook during a call.

1. Press the **Options** soft key.

2. Press the **Down** Navigation key to highlight **Phonebook** and press the **Select** soft key or the [OK] key.

3. Press the **Down** Navigation key to highlight the **Contact list** option and press the [OK] key.

With the Phonebook entries listed:

4. Enter the name that you wish to find in the textbox located above the entries. If you enter the first few letters of the name, the Phonebook entries are listed starting with the first entry matching your input.

Or, use the **Up** or **Down** Navigation key to highlight the contact that you desire.

5. To view the highlighted entry, press the **View** soft key.

For further details about the Phonebook feature, see *"Finding a Phonebook Entry"* on page 36.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you must have previously set the Call waiting option to **Activate**. For more information, refer to *"Call waiting"* on page 71.

You are then notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Press either the **Accept** soft key or the ⌒ key to answer the incoming call. The first call is automatically put on hold.

2. To switch between the two calls, press the **Options** soft key, highlight **Swap** and press the **Select** soft key or the ⌈OK⌋ key.

3. Press the **Options** soft key and select the **End held call** option to end a call on hold. Then press the **Select** soft key or the ⌈OK⌋ key.

4. Press the ⌁ key to end the current/remaining call.

Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call.

For further details about subscribing to this service, contact customer service.

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Setting up a Multi-Party Call

1. Call the first participant in the normal way.

2. Press the **Options** soft key and select the **New call** option.

3. Call the second participant in the normal way. The first call is automatically put on hold.

4. To join the first participant to this multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the ⌜OK⌝ key.

Note: These first two calls are then grouped together on screen and displayed with an adjacent number corresponding to the order in which the calls were made.

5. To add a new person to a second multi-party call group, call the new person by first pressing the **Options** soft key and then selecting the **New call** option.

6. Press the **Options** soft key or the ⌜OK⌝ key. Select the **Join** option and press the **Select** soft key or the ⌜OK⌝ key.

Note: There are a maximum of two callers that can be joined to a single multi-party line. Additional callers would participate in a new Multiparty session which can be held in conjunction with the previous multiparty call. Each of these multi-party calls can then be placed on hold or swapped.

Having a Private Conversation With One Participant

When you have two participants in a multi-party session, you might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:

1. Press the **Options** soft key and choose the **Split** option. Press the **Select** soft key or the ⌜OK⌝ key.

   The short list of call participants then displays with the first caller selected.

2. Highlight a person you wish to talk privately with by pressing the **Up** or **Down** Navigation key, and press the **Select** soft key or the ⌜OK⌝ key.

Note: You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is then placed on hold.

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3. To return to the multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the ⌜OK⌝ key. All of the multi-party call participants can now hear each other again.

Dropping One Participant

1. Press the **Options** soft key and choose the **Split** option. Press the **Select** soft key or the ⌜OK⌝ key. The short list of call participants displays.

2. Highlight the person you want to keep and press the **Select** soft key or the ⌜OK⌝ key.

3. Press the **Options** soft key and highlight **Remove**. Press the **Select** soft key or the ⌜OK⌝ key. The remaining participant on hold is highlighted.

4. Pressing the **Select** soft key or the ⌜OK⌝ key ends their call, but allows you to continue talking to the other participants.

5. When you want to end the multi-party call, press the ⌜🕾⌝ key.

Section 4: Menu Navigation

This section explains the menu navigation for your phone.

Menu Navigation

You can tailor the phone's range of functions to your needs using menus and sub-menus. Menus and sub-menus can be accessed by scrolling using the Navigation keys or by using the shortcuts.

Accessing a Menu Function by Scrolling

1. In Idle mode, press the **Menu** soft key to access the Menu mode.

2. Scroll using the Navigation keys to reach a main menu (for example: **Settings**). Press the **Select** soft key or the ⌜ok⌟ key to enter the menu.

3. If the menu contains sub-menus, for example: **Security**, you can access them by pressing the **Select** soft key or the ⌜ok⌟ key after highlighting the sub-menu.

    If the menu that you have selected contains further options, repeat this step.

4. To scroll through the menus, press the **Up** or **Down** Navigation keys.

5. To confirm the chosen setting, press the **Select** soft key, or the ⌜ok⌟ key.

6. To return to the previous menu level, press the **Back** soft key, or the ⌜⌐⌐⌟ key.

7. To exit the menu without changing the settings, press the 📵 key.

Using Shortcuts

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, you can access any one of them by pressing the number keys (1 to 0) corresponding to their location on the screen.

Example: Accessing the Security menu.

---

1. Press the **Menu** soft key.

2. Press the ⌜9wxyz⌟ key for **Settings**.

3. Press the ⌜4ghi⌟ key for **Phone settings**.

4. Press the ⌜05⌟ key for **Security**.

Section 5: Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text system to reduce the number of key strokes associated with entering text.

Changing the Text Input Mode

When using your phone, you often need to enter text, such as when storing a name in your Phonebook, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:

- **T9 mode**: this mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing [5 JKL] can enter J, K, or L. However, the T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional ABC mode.
- **ABC mode**: this mode allows you to enter letters by pressing the key labeled with the letter you want.
- **Number mode**: this mode allows you to enter numbers.
- **Symbol mode**: this mode allows you to enter symbols, such as punctuation marks.

When you are in a field that allows characters to be entered, the text input mode indicator displays on the bottom right of the screen.

Example: Writing a text message.

Mode indicator

Text mode indicator
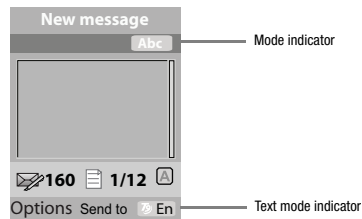
1. To change the text input mode, press the **Right** soft key ( ) and select an Input mode.

The following options are available:

> En : T9 mode

> A En : ABC mode

> 1 En : Number mode

Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 mode:

1. When you are in T9 mode, press the **2** to **9** keys to start entering a word. Press each key only once for each letter.

Example: To enter "Hello" in T9 mode, press the 4, 3, 5, 5, and 6 keys.

The word that you are typing displays on the screen. It may change with each consecutive key that you press.

2. Enter the whole word before editing or deleting the keystrokes.

3. When the word correctly displays, go to step 4.

If the word doesn't display correctly, press the ✳ key to display alternative word choices for the keys that you have pressed.

Example: Both the words "Of" and "Me" have the 6 and 3 keys. The phone displays the most commonly used choice first.

4. Insert a space by pressing the ⬛ key and start entering the next word.

To add a new word into the T9 dictionary:

1. After pressing the keys corresponding to the word you want to add, press the ✳ key to display any alternative words.

2. When you press the ✳ key after the last alternative word, the display shows **Spell** on the bottom left line. Press the **Spell** soft key or the OK key.

3. Enter the word you want to add using ABC mode. For more information, refer to *"Changing the Text Input Mode"* on page 29.

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4. Press the **OK** soft key or the ⌷ key after you have finished entering the new word.

The word is added to the T9 dictionary and becomes a word for the associated keypress series.

Note: This feature may not be available for some languages. The 1 key has some emoticons associated with it. To enter other special characters within the T9 mode, press and hold the ⌷ key to cycle through these characters.

- To enter periods, hyphens, apostrophes, and other special characters, press the ⌷ key and then press the ⌷ key to cycle through these available characters. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, use the ⌷ key. There are 3 cases: Initial capital, Capital lock, and Lower case.
- You can move the cursor by using the Navigation keys. To delete letters, press the ⌷ key. Press and hold the ⌷ key to clear the display.

Using ABC Mode

Press the **2** to **9** keys to enter text in ABC mode.

1. Press the key labeled with the letter you want:

- Once for the first letter
- Twice for the second letter
- And so on

2. Select the other letters in the same way.

- Press the ⌷ key to enter periods, hyphens, apostrophes, and other special characters. ABC mode applies grammar rules to ensure that correct punctuation is used.
- Press the ⌷ key to shift case in ABC mode. There are 3 cases: Capital lock, Lower case and Initial capital.

You can move the cursor by using the Navigation keys. To delete letters, press the ⌷ key. Press and hold the ⌷ key to clear the display.

Note: The cursor moves to the right when you press a different key. To enter the same letter twice or a different letter on the same key, wait a few seconds for the cursor to move to the right, then select the next letter.

Using Number Mode

The Number mode enables you to enter numbers into a text message.

1. Press the **Right** soft key (⬡) and select the **Number** mode then press the **Select** soft key or the ⬡ key.

2. Press the keys corresponding to the digits you want to enter.

Using Symbol Mode

Symbol mode enables you to insert symbols and punctuation marks into text.

To display a list of symbols:

1. Press and hold the ⬡ key.

2. To select a symbol, press the corresponding number key.

3. To display more symbols, press the Navigation keys.

4. To clear the symbol(s), press the ⬡ key. When the input field is empty, this key returns the display to the previous mode.

5. To insert the symbol(s) into your message, press the **OK** soft key or the ⬡ key.

Keys

By default, the first letter of an entry is capitalized. All other letters display in lowercase (unless the Shift key is pressed). After entering a character, the cursor advances after two seconds to the next space or when a different key is pressed.

Characters scroll in the following order (lowercase characters shown in parentheses):

⬡1	.@,-?!:()/
⬡2abc	A B C 2 (a b c 2)
⬡3def	D E F 3 (d e f 3)
⬡4ghi	G H I 4 (g h i 4)
⬡5jkl	J K L 5 (j k l 5)
⬡6mno	M N O 6 (m n o 6)
⬡7pqrs	P Q R S 7 (p q r s 7)
⬡8tuv	T U V 8 (t u v 8)
⬡9wxyz	W X Y Z 9 (w x y z 9)
⬡0	0 (press and hold)
⬡*	Symbol (press and hold) Spell Checker when pressed
⬡#	Shift (Toggles Lower/Uppercase) Also adds a space.

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Section 6: Understanding Your Phonebook

This section explains how to use and manage your Phonebook. You can save phone numbers to your phone's memory on to your SIM card.

Storing a Number in the Phone's Memory

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory. You can also save your numbers to your SIM card or setup a default location so that whenever a new phonebook entry is created, you are prompted to choose between **Phone** or **SIM card**. For information on how to change this setting, see *"Default Saving"* on page 41. Also, numbers that were stored on your SIM card can later be copied to your phone's memory.

Note: When you copy a phone number from your SIM card to your phone, the number displays twice in your Contact list.

Note: When storing a Phonebook entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, e-mail, dates, etc., it is important to save that Contact into your phone's onboard memory.

1. In Idle mode, press **Menu ➔ Phonebook ➔ Add new contact** and press the **Select** soft key or the ⌷OK⌷ key.

2. Highlight **Phone** and press the **Select** soft key or the ⌷OK⌷ key.

3. Enter a first name in the **First Name** text box. Tab to the next text box by pressing the **Down** key.

   For further details about how to enter characters, see *"Using ABC Mode"* on page 31.

4. Enter a last name in the **Last Name** text box.

5. Highlight a number type by pressing the **Up** or **Down** Navigation key, then enter a number in the text box.

The following types are available:

- **Mobile**: assigns the number entered to the Mobile entry.
- **Home**: assigns the number entered to the Home entry.
- **Office**: assigns the number entered to the Work entry.
- **Picture ID**: allows you to add a Picture ID assigned to the contact.
- **Ringtone**: allows you to assign a Ringtone by choosing from one of the following locations: Default melodies, Voice list, Sounds, or Remove Ringtone (Available only if you set Ringtone.)
- **E-mail**: allows you to enter the email address for the contact.
- **Fax**: assigns the number entered to the Fax entry.
- **Other**: allows you to enter more detailed information for the entry.
- **Group**: allows you to assign this contact to a group.
- **Notes**: allows you to enter additional information about the contact. Up to 50 characters are allowed.

6. Press the **Save** soft key. The number is saved to your phone and the new contact information displays.

7. Press the key to return to Idle mode.

Storing a Number in the SIM Card

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory. To save a number to your SIM card, you need to change the **Default Saving** option first.

Note: When you copy a phone number from your SIM card to your phone, the number displays twice in your Contact list.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** and press the **Select** soft key or the key.

2. Highlight **Default saving** and press the **Select** soft key or the key.

3. Highlight **SIM Card** and press the **Select** soft key or the key.

4. Press the **Back** soft key until you return to the main screen (Idle mode) or press the key.

Note: You can also set the **Default saving** option to **Ask on saving** in the **Management** menu. With this option, you are prompted for the storage location each time you add a new contact. For more information, refer to *"Default Saving"* on page 41.

Now that if your phone is set up to store contacts to your SIM card, follow this procedure to store a number.

1. In Idle mode, press **Menu ➔ Phonebook ➔ Add new contact** and press the **Select** soft key or the ⌷OK⌷ key.

2. Enter a name for your contact into the **Name** field. A SIM card entry only has **one** available name field. Tab to the next text box by pressing the **Down** key.

   For further details about how to enter characters, see *"Using ABC Mode"* on page 31.

3. Use the keypad to enter a number into the contact phone number field.

4. Press the **Save** soft key or the ⌷OK⌷ key. The number saves in your SIM card.

   After storing, the phone displays the new Phonebook entry.

5. To use the entry options before saving the number, highlight the **Name** field and press the **Options** soft key.

The following options are available:

- **Select language**: allows you to select between English, Français, and Español.
- **Cancel**: cancels the Add new contact screen and returns you to the previous menu.

6. To use the entry options after saving the number, press the **Options** soft key.

The following options are available:

- **Edit**: allows you to edit the name and number fields in the entry.
- **Send message**: allows you to send a message to the selected number. You may choose between Text message, Send picture, Audio postcard, or Voice note.
- **Assign speed dial**: allows you to set this contact to a speed dial number (2-9).
- **Send name card via**: allows you to send your name card via Text message or Picture message.
- **Delete**: allows you to delete the name and number from Phonebook. You are then asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.
- **Copy to phone**: allows you to copy the selected contact entry to the Phone.

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• **Add to block list**: adds the selected number to the block list.

7. Press the 📵 key to return to the Idle screen.

Finding a Phonebook Entry

You can store phone numbers and their corresponding names onto either your SIM card or phone's built-in memory. They are physically separate but are used as a single entity, called Phonebook.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. In Idle mode, press **Menu ➔ Phonebook ➔ Contact list** and press the **Select** soft key or the 🆗 key.

Note: Any contacts which were stored on the SIM card displays with a SIM card icon to the left of the entry. Any contacts which were stored on the phone displays with a phone icon to the left of the entry.

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2. Enter the first few letters of the name in the text box.

The Phonebook entries are listed, starting with the first entry matching your input.

3. If needed, press the **Up** or **Down** Navigation key until the entry you want is highlighted.

4. Once you have found the entry, press the 📵 key to dial the number, or press the **Options** soft key to access the following Phonebook entry options:

• **Edit**: allows you to edit the Name and number for the selected contact.

• **Send message**: allows you to send a message to the selected number. You may choose between Text message, Send picture, Audio postcard, or Voice note.

• **New contact**: takes you to the Add new contact menu.

• **Call**: places a call to the selected phone number.

• **Assign speed dial**: allows you to assign a speed dial key number to the selected Phonebook entry.

• **Send name card via**: allows you to send your name card via Text message or Picture message.

• **Delete**: allows you to delete the selected name and number from your Phonebook or delete all numbers. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.

• **Add to block list**: allows you to add the select entry to the block list.

• **Copy to Phone/SIM card**: allows you to copy the selected contact entry or all contact entries to the Phone or SIM card.

• **Select language**: allows you to select between English, Français, and Español.

5. If you pressed the **View** soft key, press the **Options** soft key after the contact information displays, for these additional options:

- **Edit**: allows you to edit the name and number fields in the entry. You can also add an email address and notes.

- **Send message**: allows you to send a message to the selected number. You may choose between Text message, Send picture, Audio postcard, or Voice note.

- **Assign speed dial**: allows you to assign a speed dial key number to the selected Phonebook entry.

- **Send name card via**: allows you to send your name card via Text message or Picture message.

- **Delete**: allows you to delete the selected name and number from your Phonebook or delete all numbers. You are then asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.

- **Copy to phone/SIM card**: allows you to copy the number to your phone, or SIM card.

- **Add to block list**: Allows you to add the highlighted number to the blocked call list.

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Dialing a Number from Phonebook

Once you have stored phone numbers in the Phonebook, you can dial them easily and quickly by using the location numbers that were assigned to them in the Phonebook.

Note: If you cannot remember a location number, you must go into the **Contact list** menu in the **Phonebook** menu to search for the entry by name. For more information, refer to *"Finding a Phonebook Entry"* on page 36.

Editing a Caller Group

1. In Idle mode, press **Menu ➔ Phonebook ➔ Groups** and press the **Select** soft key or the ⌜OK⌟ key.

2. Scroll through the group list by pressing the **Up** or **Down** Navigation key.

3. Highlight the group you want and press the **Options** soft key.

4. Highlight **Edit** and press the **Select** soft key **or** the ⌜OK⌟ key.

5. To edit the Caller group name, modify the text in the **Name** text box.

6. To change the image associated with the Caller group, press the **Down** navigation key to highlight the **Picture ID** icon. Press the ⌜OK⌟ key.

The following options are available:

- **Take Picture**: allows you to take a picture with your camera.
- **Photos**: allows you to choose a photo from Photos folder.
- **Downloaded images**: allows you to choose a photo from your Downloaded images folder.
- **Icons**: displays a list of pre-defined icons.
- **Remove Picture ID**: allows you to remove the selected Picutre ID (available only if you set Picture ID).

7. To change the ringtone associated with the Caller group, press the **Down** key to highlight the **Ringtone** icon. Press the `OK` key.

The following options are available:

- **Default melodies**: allows you to choose between 10 different melodies.
- **Voice list**: allows you to assign a voice clip to this group.
- **Sounds**: allows you to choose a sound from your Sounds folder.
- **Remove Ringtone**: allows you to remove the associated ringtone (available only if you set Ringtone).

8. Press the **Save** soft key when you are finished.

Your Caller group settings save.

9. Press the `key` to return to Idle mode.

Speed Dialing

Once you have stored phone numbers from your Phonebook list, you can set up to 8 speed dial entries and then dial them easily whenever you want, simply by pressing the associated numeric key.

In Idle mode, press and hold the appropriate key to speed dial the numbers assigned to keys (2 to 9).

Setting Up Speed Dial Entries

1. In Idle mode, press **Menu → Phonebook → Speed dial** and press the **Select** soft key or the `OK` key.

2. Use the **Up** or **Down** Navigation key to select the keypad number key to where you wish to assign the new speed-dialing number and press the **Add** soft key or the `OK` key.

   - Select from the **2** to **9** keys, and press the **Add** soft key.

Note: The `1` key is pre-reserved for quick dialing your voice mail.

3. Highlight a contact entry number from the list and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

You receive a **Saved** confirmation and the **Speed dial** menu displays the number assigned to the number key you selected.

4. Press the $\boxed{\curvearrowleft}$ key to return to Idle mode.

Note: Memory location 1 is reserved for your Voice mail server number and this speed dial location can not be changed.

Dialing a Number from the SIM Card

1. In Idle mode, press and hold the keypad corresponding to the speed dial location number for the desired phone number you want to dial.

2. If you don't know the location number, press $\boxed{1}$ $\boxed{\#}$ and the first location number displays.

You can then press the **Left** or **Right** key to find other numbers in the list.

3. Press either the **Dial** soft key, the $\boxed{\curvearrowleft}$ key, or the $\boxed{\text{OK}}$ key when you have selected the number you want to dial.

Copying all SIM Phonebook Entries

You can copy all SIM entries to the Phone using this option. When you copy entries to the phone, duplicate entries are created.

1. In Idle mode, press **Menu → Phonebook → Management** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight **Copy all to** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

3. Highlight **SIM card** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

4. Press the **Copy** soft key to copy the selected entry to the SIM card.

Note: Some options are available for phone entries which might not be available when the entry is stored to the SIM card. For more information, refer to *"Storing a Number in the Phone's Memory"* on page 33.

Deleting all of the Phonebook Entries

You can delete all your entries from your phone's memory, your SIM card, FDN, or All.

Important!: Once Phonebook entries are deleted, they cannot be recovered.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** and press the **Select** soft key or the [OK] key.

2. Highlight **Delete all** and press the **Select** soft key or the [OK] key.

3. Press the [OK] key to place a check mark next to **All**, **Phone**, **SIM card** or **SIM card(FDN)** and press the **Delete** soft key.

4. Press the **Yes** soft key at the **Delete** prompt.

5. Enter a password at the prompt and press the **OK** soft key or press the **Back** soft key to cancel.

6. Press the [key] key to return to Idle mode.

Block list

The Block list menu allows you to create a list of numbers to block from your handset.

To create a new block list:

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Block list** and press the **Select** soft key or the [OK] key.

2. The first time you add to the Block list, highlight **[Add to block list.]** and press the [OK] key.

   -Or-

3. To add additional numbers or categories to the Block list, press the **Options** soft key, select **Add new** and press the **Right** Navigation key, then select one of the following options:

   • **Number**: allows you to enter a phone number to add to the block list.

   • **Contacts**: allows you to select a contact from the Contact list to add to the block list.

   • **Recent contacts**: allows you to select one or multiple contacts from the Recent contacts list to add to the block list.

   • **Unknown numbers**: adds any unknown numbers to the block list.

   • **FDN contacts**: allows you to add FDN contacts to the block list.

Management

The **Management** menu allows you to select where your contacts are saved, copy your SIM contacts to your phone and phone contacts to your SIM card, sort by contacts, delete your contacts, or check your memory status.

▶ In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** and press the **Select** soft key or the ⌷ok⌷ key.

View Contacts

This option allows you to view all the contacts stored on the Phone, SIM, or the Phone and SIM.

Default Saving

The **Default Saving** option allows you to choose where your contacts are saved. The following options are available:

• **Phone**: new phonebook contacts are saved to your phone. Your phone comes with the default set to Phone memory.

• **SIM card**: new phonebook contacts are saved to your SIM card.

• **Ask on saving**: you are prompted to choose between **Phone** or **SIM Card** whenever you save a new contact.

Copy all to

This option allows you to copy all contacts from your SIM card to your Phone or from you Phone back onto your SIM card. For more information, refer to *"Copying all SIM Phonebook Entries"* on page 39.

Sort by contacts

The **Sort by contacts** menu option allows you to set the sort function to alphabetize the contacts by **First name** or **Last name**.

Delete all

Important!: Once contact entries are deleted, they cannot be recovered.

This option allows you to delete your contacts. You may delete from **All**, **Phone**, **SIM card**, or **SIM card(FDN)**. For more information, refer to *"Deleting all of the Phonebook Entries"* on page 39.

Memory Status

You can check how many names and numbers are stored in the Phonebook, within both SIM card and the phone memory. You can also see the current storage capacity of both memories.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** and press the **Select** soft key or the ⌷ok⌷ key.

2. Select **Memory status** and press the **Select** soft key or the ⟨OK⟩ key.

3. Press the ⟨C⟩ key or the **Back** soft key when you are finished.

Own Number

This function is a memory aid, which you can use to edit or remove your own phone number. You can also edit the default name assigned to your phone number.

1. In Idle mode, press **Menu ➔ Phonebook ➔ Own number** and press the **Select** soft key or the ⟨OK⟩ key.

2. Press the **Edit** ⟨OK⟩ soft key. The cursor displays in the **Name** field.

3. Press the ⟨C⟩ key and type in a new name if desired.

4. Press the **Down** Navigation key then press the ⟨C⟩ key and type in a new number if desired.

5. Press the **Save** soft key when finished.

FDN List

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The FDN List allows you to set up a list of numbers that your phone may dial.

FDN mode must first be enabled in the Security settings. For more information on changing this setting, see *"Set FDN mode"* on page 67.

To enable FDN mode, a PIN2 number is required. You can obtain your PIN2 from your service provider.

1. In Idle mode, press **Menu ➔ Phonebook ➔ FDN list** and press the **Select** soft key or the ⟨OK⟩ key.

2. Enter phone number into the list by:

- Pressing the **Options** soft key, select **New FDN contact** or press the ⟨OK⟩ key.

- Enter the PIN2 number obtained from customer service center and begin to create your restricted phone list.

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Section 7: Messages

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

Types of Messages

Your phone provides the following message types:

- Audio postcards
- Voice note
- Text Messages
- Picture Messages
- Voice mail
- Broadcast Messages (SIM Dependent)
- Instant Messaging

Display Icons for Messages

When your handset receives new messages, icons display on the screen in two locations: on the View Tab that displays on the lower portion of the screen, and on the top of the screen (see *"Display Layout"* on page 13.)

Message Icons on the Icon Line

The ![icon] icon displayed at the top of the screen indicates that a new text message or email message was received. The ![icon] icon indicates a new picture message was received.

View Tab

The View Tab is an area that displays on the screen when a missed call, new message, or voicemail is sent to the phone.

There are three View tabs that display icons:

1. ▢ Missed Calls

2. ▢ Voicemail

3. ▢ Picture message

You can search through missed calls or unviewed messages by using the **Right** and **Left** navigation keys to select the associated message tab, then pressing the **View** soft key.

Text Messages

Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. In addition, your phone supports the Enhanced Messaging Service (EMS), which enables you to include simple graphics, melodies, and animated images in your messages. To use this feature, you must subscribe to message service.

The Message icon (▢) displays when you have received a new text message. When the memory is full, the message icon flashes on your phone and you cannot receive any new messages. You must delete a message before you can receive additional messages.

▶ Use the **Delete** option in each message box to erase obsolete messages.

Create new

In this menu, you can write and send a text message.

Creating a Simple Text Message

1. In Idle mode, press **Menu → Messages → Create new** and press the **Select** soft key or the ⒪ key.

2. Highlight **Text message** and press the **Select** soft key or the ⒪ key.

3. Create your message.

Note: For further details about entering characters, see *"Changing the Text Input Mode"* on page 29.
You can enter up to 160 standard Alphabet characters per page in your message. The message can be up to 12 pages long for a total of 1920 characters.

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4. When you finish entering your message, press the **Options** soft key. The following options are available:

   • **Insert from**: allows you to insert from the Text template, Phonebook, or Bookmarks. The Text messages template allows you to apply one of the preset message templates to the text. Select one of the 10 items stored in the Text messages **Template** menu. Phonebook allows you to add names and phone numbers to your message. Bookmarks allows you to add Internet addresses to your message.

- **Add content**: allows you to add a picture, animation, or melody to your message.

- **Attach**: allows you to attach a Name card, Schedule, Anniversary item, Miscellaneous item, Task, or Note to your message.

- **Save to Drafts**: saves the message to the Drafts folder.

- **Select language**: allows you to set the language to English, Français, and Español.

- **Text style**: allows you to format the style of the text.
  For the Text size, Large, Medium, and Small size are available. Text mode options are Normal, Underline, and Strikethrough. The options for Bold and Italic are set by using the [OK] key to place a checkmark by them. Alignment options are Left, Center, and Right.

- **Exit composer**: displays the following options:
  – **Save message**
  – **Don't save**
  – **Continue writing**

5. Press the **Send To** [OK] key.

6. Highlight one of the following send options:

    - **Recent recipients**: allows you to select a number or an address from the last 20 destinations you entered.

    - **Phonebook**: allows you to enter the phone number you want from your phonebook.

    - **New recipient**: allows you to enter a phone number.

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7. If you selected Recent recipients or Phonebook, the number you selected is entered in the **To** text box.

8. To send this message to additional recipients, press the **Add** soft key and select **Recent recipients**, **Phonebook**, or **New recipient**.

9. Press the **Send** [OK] key to send the message.

Picture Messages

This menu allows you to use the Multimedia Message Service (MMS).

Picture Messaging is a messaging service that provides delivery of personal picture messages from phone to phone or from phone to email.

In addition to the familiar text content available via traditional text messages, picture messages can contain images, graphics, voice, and audio clips.

A Picture Messaging message is a multimedia presentation contained in a single file. It is not a text file with attachments.

This type of message must first be retrieved from voice mail server before it can be viewed. The ⊠ displays in your Inbox list to indicate any unretrieved Picture messages. The Message icon (⊠) displays in the Inbox once you have successfully retrieved a new picture message from the voice mail server.

Using the Picture Messaging feature, your phone can receive and send messages that contain multimedia files, such as photos, sounds and images that you downloaded from the Internet and voice notes you recorded. This function is available only if it is supported by your service provider. Only phones that offer picture messaging features can receive and display picture messages.

Creating and Sending a Picture Message

This menu allows you to create a new picture message and then send it to one or more destinations.

1. In Idle mode, press **Menu ➔ Messages ➔ Create new** and press the **Select** soft key or the ⒪ⓚ key.

2. Highlight **Picture message** and press the **Select** soft key or the ⒪ⓚ key.

3. Highlight **Subject** and press the ⒪ⓚ key.

4. Enter the subject of your message and press the ⒪ⓚ key.

Note: For more information about entering characters, see *"Using ABC Mode"* on page 31.

5. To add a picture, highlight **Image** and press the ⒪ⓚ key.

6. Highlight one of the following options and press the ⒪ⓚ key.
   • **Take picture**: launches the camera for you to take a picture.
   • **Photos**: allows you to select a picture from your images folder.
   • **Downloaded images**: allows you to select a previously downloaded image to send in the picture message.

7. Select an image or photo and press **Add**.

8. To add a sound, highlight **Sound** and press the ⒪ⓚ key.

9. Highlight one of the following options and press the ⒪ⓚ key.
   • **Record audio**: allows you to record a new voice message.
   • **Sounds**: allows you to select a sound from your Sounds folder.
   • **Voice list**: takes you to the Voice list (Recorded audio) folder to select a voice note to add.

10. Press the **Add** soft key to add your audio message, sound or voice list to the message.

11. To add a text message, highlight **Message** and press the [OK] key.

12. Enter your message and press the [OK] key.

13. To change the Subject or Message, select a category and press the [OK] key.

14. To change the image or sound with another one, select a category and press the [OK] key. Depending on the category selected, highlight **Change** to change or replace the item.

15. When you finish creating the message, press the **Send to** soft key.

16. Highlight one of the following send options, press the **Select** soft key or the [OK] key:

   • **Recent recipients**: allows you to select a number or an address from the last 30 destinations you entered.

   • **Phonebook**: allows you to enter the phone number you want from your phonebook.

   • **New recipient**: allows you to manually enter a phone number or email address.

   • **My Album**: allows you to send the message to My Album.

• **My Journal**: allows you to send the message to My Journal.

17. The number or address you selected is entered in the **To** text box.

18. If you selected more than two recipients, press the **Options** soft key for the following options:

   • **Add recipients**: allows you to add additional recipients to this message.

   • **Change recipient**: allows you to change the **To**, **Cc**, or **Bcc** additional numbers.

   • **Edit message**: allows you to edit the subject, picture, audio message or text message before sending.

19. Press the [OK] key when you are finished. Your phone sends the message.

Audio Postcards

The Audio menu allows you to send an Audio postcard to a recipient.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Create new** ➔ **Audio postcard** and press the **Select** soft key or the ⓞⓚ key.

2. Center a subject in the frame and press the **Camera** ⓞⓚ soft key to take a photo for the postcard.
   The photo saves to the Photos folder.

3. Press the **Add voice** ⓞⓚ soft key to add a voice note to this postcard.

4. Press the **Stop** soft key when you are finished recording the voice message.

5. Press the **Send to** ⓞⓚ soft key and select one of the following options:

   • **Recent recipients**: allows you to select a number or an address from the last 20 destinations you entered.

   • **Phonebook**: allows you to enter the phone number you want from your phonebook.

   • **New recipient**: allows you to manually enter a phone number.

   • **My Album**: allows you to save this Audio postcard to My Album.

   • **My Journal**: allows you to save this Audio postcard to My Journal.

6. Press the **Send** soft key after you select a recipient.

Voice note

In this menu, you can record a voice note of up to one minute long and then immediately send it via Picture Messaging.

When you access this menu, a timer displays on the screen.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Voice note** and press the **Select** soft key or the ⓞⓚ key.

2. Press the **Record** soft key to start recording.

3. Record a memo by speaking into the phone's microphone.

   The display simultaneously shows the elapsed time and the remaining time.

4. Press the **Stop** soft key when you are finished. Or, when the recording time expires, the display switches to the next screen.

5. Press the **Options** soft key for the following options:

   • **Send to**: allows you to send the Voice note.

   • **Play**: plays back your Voice note.

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- **Re-record**: discards the previous Voice note and enables you to record a new voice note.
- **Set default destination**: allows you to remove or edit the default destination.
- **Set as**: allows you to set the sound as your Ringtone, an Individual ringtone, or an Alarm tone.
- **Save**: saves the Voice note and continues to the **Send** option.

6. To send the Voice note, press the **Send** soft key or select **Send to** in the **Options** menu.

7. Highlight one of the following send options:
   - **Recent recipients**: allows you to select either a number or an address from the last 20 destinations you entered.
   - **Phonebook**: allows you to enter the phone number you want from your phonebook.
   - **New recipient**: allows you to manually enter a phone number or email address.
   - **My Album**: allows you to send the message to My Album.
   - **My Journal**: allows you to send the message to My Journal.

8. Highlight the selection and press the [OK] key to mark the selection.

9. Press the **Add** soft key. The number you selected enters in the **To** text box.

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10. If you selected more than two recipients, press the **Options** soft key for the following options:
   - **Add recipients**: allows you to add additional recipients to this Voice note.
   - **Change recipient**: allows you to select **To**, **Cc** or **Bcc** additional numbers.

11. Press the **Send** [OK] key to send this voice note.

   Your phone then sends the message. After the phone successfully sends the message, it saves in the Outbox.

Inbox

The Inbox stores messages that you have received. You can tell what kind of message it is by the icon displayed. If the open envelope icon displays then the message was read, otherwise the closed envelope icon displays.

The following types of messages may display in your Inbox:

✉	Text messages
📧	Picture messages (retrieved)
📧	Audio postcard
✉	Voice note
📧	Push message

When you enter the Inbox, the list of messages displays with the sender's phone numbers, or names, if available in your Phonebook. The envelope displays as open in the icon after you have read the message.

Note: By pressing the **Left** or **Right** Navigation keys, you may scroll between **Inbox**, **Outbox**, and **Drafts**.

1. In Idle mode, press **Menu ➔ Messages ➔** and press the **Select** soft key or the ⬛ key.

2. Highlight **Inbox** and press the **Select** soft key or the ⬛ key.

Viewing a Text Message from the Inbox

1. Select a text message from the list and press the **Options** soft key.

   The following options display:

   • **Reply via**: allows you to send a reply to the sender by sending a Text message, Picture message, Audio postcard, or Voice note.
   • **Call back**: Places a call back to the number.
   • **Forward**: allows you to forward the text message to another person.
   • **Delete**: deletes the selected text message or multiple messages.

   • **Move to phone/SIM card**: allows you to move the message from the SIM card into the phone's memory. This option is only available for messages stored in the SIM card. Depends on where the current message was saved.
   • **Sort by**: allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.
   • **Lock**: allows you to protect the message from being deleted.

2. Press the **View** ⬛ key to read the message contents.

3. To scroll through the contents, press the **Up** or **Down** Navigation key.

While reading a text message, you may choose the following options by pressing the **Options** soft key:
   – **Reply via**: allows you to send a reply to the sender by sending a Text message, Picture message, Audio postcard, or Voice note.
   – **Call back**: places a call back to the number.
   – **Forward**: allows you to forward the message to another number.
   – **Save address**: allows you to extract the sender's number and URL, email addresses or phone numbers from the message text, so that you can save them in your phone's memory.
   – **Delete**: allows you to delete the message.
   – **Move to phone/SIM card**: allows you to move the message from the SIM card into the phone's memory. This option is only available for

messages stored in the SIM card. Depends on where the current message was saved.

– **Lock**: allows you to protect the message from being deleted.

Viewing a Picture Message from the Inbox

1. Highlight an unretrieved picture message from the list and press the **View** OK key.

2. While viewing the picture message, you may choose the following options by pressing the **Options** soft key:

   - **Reply via**: allows you to send a reply to the sender by sending a Text message, Picture message, Audio postcard, or Voice note.

   - **Reply all via**: allows you to send a reply to the sender by sending a Picture message, Audio postcard, or Voice note.

   - **Call back**: allows you to call the sender back.

   - **Forward**: allows you to forward the message to another number.

   - **Replay**: allows you to review the picture message.

   - **Save address**: allows you to save the selected address to the Phonebook.

   - **Save media**: allows you to save message media to your Image folder, Sound folder, vCard, or vCalendar or Notes.

   - **Delete**: deletes the selected picture message.

- **Lock**: allows you to protect the message from being deleted.

- **Properties**: shows you information about the message, such as date and time the message was received, From, To, Cc, message size, and priority.

Listening to a Voice Note from the Inbox

1. Select a Voice Note from the list and press the **Options** soft key.

   The following options display:

   - **Reply via**: allows you to send a reply to the sender by sending a Text message, Picture message or Voice note.

   - **Reply all via**: allows you to send a reply to the sender by sending a Voice note or Picture message.

   - **Call back**: allows you to call the sender back.

   - **Forward**: allows you to forward the message to another number.

   - **Delete**: allows you delete the selected or multiple saved voice notes.

   - **Sort by**: allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.

   - **Lock**: allows you to protect the message from being deleted.

   - **Properties**: shows you information about the message, such as date and time the message was received, who the message is From, who the message is To, Cc, message size, and priority.

2. Press the **Play** `OK` key to listen to the message contents.

While listening to the message, you may choose the following options by pressing the **Options** soft key:

– **Reply via**: allows you to send a reply to the sender by sending Text message, Picture message or Voice note.
– **Reply all via**: allows you to send a reply to the sender by sending a Voice note or Picture message.
– **Call back**: allows you to call the sender back.
– **Forward**: allows you to forward the message to another number.
– **Replay**: allows you to replay the Voice note.
– **Save address**: allows you to extract the sender's number and URL, email addresses or phone numbers from the message text, so that you can save them in your phone's memory.
– **Save media**: allows you to save message media to your Image folder, Sound folder, vCard, or vCalendar.
– **Delete**: allows you to delete the selected message or all messages.
– **Lock/Unlock**: allows you to protect the message from being deleted.
– **Properties**: shows you information about the message, such as date and time the message was received, the sender's email address or phone number, recipient's email address or phone number, Cc, message size, priority, and class.

Viewing a Picture Message When You Receive It

When a new picture message comes in, the display shows the Picture Messaging Message icon.

1. Press the **View** soft key to view the message.

Press the **Exit** soft key if you want to view the message later in the Inbox.

2. Press the **Options** soft key or the `OK` key to access the various options described above.

3. When you are finished, press the `🔚` key.

Drafts

This message box stores messages that you may want to edit or send at a later time.

When you enter this menu, the list of messages in the box displays.

1. In Idle mode, select **Menu ➔ Messages** and press the **Select** soft key or the `OK` key to enter the menu.

2. Highlight **Drafts** and press the **Select** soft key or the `OK` key.

Note: By pressing the **Left** or **Right** Navigation keys, you may scroll between **Inbox**, **Outbox**, and **Drafts**.

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3. Select a message from the list and press the **Options** soft key.

4. Highlight the **Edit** option and press the **Select** soft key or the `OK` key to edit the message contents.

5. Press the **Send** `OK` key (while viewing the message) to send the message.

While viewing a draft message, you can choose different options, depending on the type of message, by pressing the **Options** soft key.

Outbox

This message box stores messages that you attempted to send but have not actually sent.

When you enter this menu, the list of messages in the box displays with the recipients' phone numbers or names, if available in your Phonebook.

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1. In Idle mode, select **Menu ➔ Messages** and press the **Select** soft key or the `OK` key.

2. Highlight **Outbox** and press the **Select** soft key or the `OK` key.

Note: By pressing the **Left** or **Right** Navigation keys, you may scroll between **Inbox**, **Outbox**, and **Drafts**.

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3. Select a message from the list and press the **View** `OK` key to view the message contents.

4. To scroll through the contents, press the **Up** or **Down** Navigation keys.

While reading a message, you can choose different options by pressing the **Options** soft key.

Templates

Besides entering message text using the keypad keys, you can speed message composition by including copies of stored text and/or image templates in your message.

1. In Idle mode, select **Menu ➔ Messages** and press the **Select** soft key or the `OK` key to enter the menu.

2. Highlight **Templates** and press the **Select** soft key or the `OK` key.

3. Highlight **Text templates** or **Picture message templates** and press the 〔OK〕 key.

4. Select a template from the list and press the **View** 〔OK〕 key.

   The template displays on the screen.

5. Press the 〔OK〕 key and select one of the following options:

   • **Recent recipients**: allows you to select a number or an address from the last 20 destinations you entered.

   • **Phonebook**: allows you to enter the phone number you want from your phonebook.

   • **New recipient**: allows you to manually enter a phone number.

   • **My Album**: allows you to send the message to My Album.

   • **My Journal**: allows you to send the message to My Journal.

6. After selecting a recipient, press the **Send** 〔OK〕 soft key.

   The template message sends to the select recipient(s).

Voice Mail

This menu provides you with a way of accessing your voice mailbox, if provided by your network.

1. In Idle mode, press **Menu → Messages → Voice mail** and press the **Select** soft key or the 〔OK〕 key.

2. Press the **Call** 〔OK〕 soft key.

Tip: You can also connect to the voice server by pressing and holding the 〔1☏〕 key in Idle mode.

3. Highlight **Voice server number** if you want to change the voice mail server number.

Note: Voice mail is a network feature. Please contact customer service for further details.

Management

This menu allows you to manage your settings for text and picture messages, delete all messages, or check the memory status of the Phone, SIM card, Inbox, Outbox, or Draft folder.

▶ In Idle mode, press **Menu → Messages → Management** and press the **Select** soft key or the 〔OK〕 key.

Messages Settings

In this menu, you can set up a default text message or a picture message. The last setting you accessed is automatically activated for sending subsequent messages.

Text message

- **Service center**: allows you to store or change the number of your message center, which is required when sending messages. You must obtain this number from customer service.
- **Destination address**: allows you to enter a number that you would like to send all messages to. You can still message others, but this number always displays in the Recipient list.
- **Validity period**: allows you to set the length of time your text messages are stored at the message center while attempts are made to deliver them.
- **Reply path**: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
- **Delivery report**: allows you to activate or deactivate the report function. The network informs you whether or not your message was delivered when this function is activated.

Picture message

The following options are used to set Send and Receive settings for Picture messages.

Send Settings

- **Delivery report**: when this option is enabled, the network informs you whether or not your message was delivered.
- **Read reply**: when this option is enabled, your phone sends a request for a reply along with your message to the recipient.

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- **Priority**: you can select the priority level of your messages.
- **Expiry date**: sets the length of time your messages are stored (Maximum, 1 hour later, 6 hours later, 12 hours later, 1 day later, 3 days later, 1 week later or 1 month later) in the message center while the network attempts to deliver them.
- **Delivery time**: you can set a delay time (1 hour, 6 hours, 12 hours, 1 day, 3 days, 1 week, 1 month, or Immediately) before the phone sends your messages.

Receive Settings

- **Anonymous reject**: you can set your phone to automatically reject anonymous messages.
- **Ads allowed**: you can set your phone to automatically receive advertising messages.
- **Report allowed**: you can set the option to receive a delivery report.

Delete all

This menu allows you to delete all of the messages in each message box. Or, you can delete all of the messages in all message boxes at one time.

Important!: Once messages are deleted, they cannot be recovered.

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1. In Idle mode, select **Menu ➔ Messages ➔ Management** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight **Delete all** and press the **Select** soft key or the
   [OK] key.

3. Highlight a message box to clear or highlight **All** and press
   the [OK] key to place or remove a check mark next to your
   selection.

4. Press the **Delete** soft key to delete the marked objects.

5. After you receive the **Delete all unlocked messages?**
   confirmation, press the **Yes** soft key or press the **No** soft
   key.

Memory status

You can check the amount of the memory being used and the
memory remaining for picture messages.

The display shows the total space including the used and free
space. You can also view how much space and the number of
messages currently occupying each message box type:

    – **Text message**

    – **Picture message**

    – **Push messages**

Broadcast Messages (SIM Card Dependent)

This network service allows you to receive text messages on
various topics, such as the weather or traffic.

Please contact customer service center for further
details.

Instant Messaging (IM)

Instant Messaging is a way of sending short, simple messages that are delivered immediately to users online at that moment.

Before using this feature, you need to subscribe to a messenger service. For further details, contact customer service.
Your handset has 4 pre-loaded Messaging services (AIM, ICQ, Windows Live, and Yahoo!).

Starting your Instant Messaging

1. In Idle mode, press **Menu → IM** and press the **Select** soft key or the ⌜ok⌟ key to enter the menu.

2. Highlight the messenger service to which you are subscribed to using the **Up** or **Down** Navigation key and press the **Select** soft key or the ⌜ok⌟ key.

3. Highlight the **Sign on**, **Connect**, or **Sign in** option, depending on your messenger service and press the **Select** soft key or the ⌜ok⌟ key.

4. Enter the required sign on information such as ID and password, then press the **Down** Navigation key.

Note: The information required for sign on varies depending on the Instant Messaging provider you use.

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5. With all of the appropriate fields filled in, press the **Sign in** soft key or the ⌜ok⌟ key.

6. If you use Windows Live, agree to the terms and conditions of use for this service and press the I agree soft key or the agree to the terms and conditions of use for this service and press the ⌜ok⌟ key.

7. Follow the on-screen instructions to read, reply to, compose, send, and manage your Instant Messaging account.

Using the Instant Messenger Options

After selecting an Instant Messaging service, the following options display:

• **Sign in/Connect**: allows you to login to your Instant Messaging account.

• **Saved conversations**: shows permanent records of your Instant Messaging conversations.

• **Offline conversations**: shows a listing of any conversations received while you were offline.

- **Preferences:** this option allows you to delete Favorite IDs, turn Power on Sign in On or Off, turn Automatic sign-in On or Off, and adjust the sound settings for New IM, Alert, System message, and Repetition.
- **Help**: provides helpful information about IM providers such as: Sign up, Sign on, Buddies, Sending IMs, Receiving IMs, Privacy, and Away.

Section 8: Changing Your Settings

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

Sound Settings

You can customize various sound settings.

► In Idle mode, press **Menu** ➔ **Settings** ➔ **Sound settings**.

Incoming call

Note: When downloading **Mega Tones**® or **HiFi Ringers**™, charges may apply.

Browse mega tones

Using the **More mega tones** option on the sounds list, you can quickly access the website and download new sounds by using the t-zone browser.
Press the **Connect** soft key to purchase additional sound files.

Browse HiFi Ringers

Using the **More HiFi Ringers** option on the sounds list, you can quickly access the website and use the t-zone browser to download new HiFi Ringers.
Press the **Connect** soft key to purchase additional ringtones.

Ring tone

This menu allows you to select a ring melody. Highlight **Ring tone** and press the ⌈OK⌋ key. Use the **Up** or **Down** key to highlight a ring tone or press the **Left** or **Right** key to select a file from either the **Default Melodies**, **Sounds**, or **Voice list** folders. Press the **Select** soft key or the ⌈OK⌋ key.

Volume

This menu allows you to adjust the ring volume to one of 7 levels.

► Use the **Right** or **Left** key to increase or decrease the volume.

Alert type

This menu allows you to specify how you are to be informed of incoming calls. Use the **Right** or **Left** key to select a Alert type.

The following options are available:

– **Melody**: the phone rings using the ring melody selected in the **Ringtone** menu.
– **Vibration**: the phone vibrates but does not ring.
– **Melody and vibration**: the phone rings and vibrates simultaneously.
– **Vibration then melody**: the phone vibrates 3 times and then starts ringing.
– **Melody then vibration**: the phone rings using the ring melody selected in the **Ringtone** menu and then vibrates.

Message tone

This menu allows you to set up the ringer for incoming messages. You can set the Tone, Alert type, and Repetition.

► Use the **Left** or **Right** Navigation keys to make your selections.

Keypad tone

This menu allows you to select the key tone and volume that the phone sounds when you press a key.

► Use the **Left** or **Right** Navigation keys to make your selections 0 (Off) through 7 (highest volume).

Tip: You can adjust the volume with the **Right** or **Left** Navigation keys.

Power on/off tone

This menu allows you to select the melody that the phone sounds when it is switched on and off.

► To turn off the sound, select **Off**.

Flip tone

This menu allows you to choose from four tones, or **Off** when flipping the phone open or closing the phone.

Extra tones

You can customize additional tones for the phone.

1. To turn a given tone on, press the [OK] key. A check mark displays in front of the option. Press the **Save** soft key to save the setting.

2. To turn a given tone off, press the [OK] key. The check mark no longer displays in front of the option. Press the **Save** soft key to save the setting.

The following options are available:

– **Minute minder**: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
– **Connection tone**: sets whether or not the phone beeps when your call is connected to the system.
– **Alerts on call**: sets whether or not you receive tones when a message arrives while you are on a call.

Display Settings

In this menu, you can change various settings for the display or backlight.

Wallpaper

This menu allows you to change the background image to display in Idle mode.

The following options are available:

• **Browse wallpapers**: allows you to download additional wallpapers from t-zones.
• **Default wallpapers**: allows you to choose from a list of wallpapers included with your phone.
• **Photos**: allows you to choose a photo from Photos folder.
• **Downloaded images**: allows you to choose a photo from your downloaded images folder.

To change the background image:

1. Scroll through the list by pressing the Navigation keys.

2. Make a selection and press the **Save** soft key or the ⌜OK⌝ key. Your wallpaper updates.

Home Screen

In this menu, you can choose to display the calendar on the Main Screen, or set the screen to None to leave the screen blank.

Info display

This menu allows you to set text style (Outline, Shadow, or Normal) and text color (White, Yellow, Blue, Green, Red, or Black).

1. Press the **Left** or **Right** Navigation keys to change the settings.

2. Press the **Save** soft key to apply your changes, or the **Cancel** soft key to cancel.

Dialing display

This menu allows you to select the size and color of your dialing font and the background color.

To change the font size:

1. Highlight the **Font size** option and press the **Select** soft key or the ⌜OK⌝ key.

2. Use the **Left** or **Right** key to select between: **Large**, **Medium**, or **Small**.

3. Press the **Save** soft key or the ⌜OK⌝ key to save your change. Otherwise, press the **Cancel** soft key.

To change the font color:

1. Highlight the **Font color** option and press the **Select** soft key or the [OK] key.

2. Use the **Left** or **Right** key to select either **Basic** (black), **Rainbow**, **Monochrome** or **Gradation**. If you select **Monochrome** or **Gradation**, you can select another option by using the **Down** Navigation key and then scrolling through the available choices.

3. Choose from up to 15 different options.

4. Press the **Save** soft key or the [OK] key to save your change. Otherwise, press the **Cancel** soft key or the [C] key.

To change the background color:

1. Highlight the **Background color** option and press the **Select** soft key or the [OK] key.

2. Use the **Left** or **Right** key to select between 21 different colors or None.

3. Press the **Save** soft key or the [OK] key to save your change. Otherwise, press the **Cancel** soft key.

Greeting Message

In this menu you enter the text which displays on the main screen when the phone powers on.

Backlight

In this menu, you can select the length of time that the keypad backlight is on and how much longer the display is illuminated before turning off.

The **On** setting is how long the keypad backlight is on. You can select **15 sec**, **30 sec**, **1 min**, **3 min**, or **10 min**.

The **Dim** option is how much longer after the keypad backlight goes off that the display remains lit. You can select **Off**, **15 sec**, **30 sec**, **1 min**, or **3 min**.

For example, if you set **On** for **30 sec** and **Dim** for **5 sec**, after 30 seconds the backlight on the keys would turn off and 5 seconds later the display light would turn off.

1. Press the **Left** or **Right** Navigation keys to change each field's settings.

2. Press the **Save** soft key to save your changes, or the **Cancel** soft key to cancel.

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Brightness

You can adjust the display brightness to see it better in different lighting conditions.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Display settings** ➔ **Backlight** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight **Brightness** and press the **Select** soft key or the ⌜OK⌟ key.

3. Use the **Left** or **Right** Navigation key to select the brightness level and press the **Save** soft key.

4. Press the ⌜🔚⌟ key to return to Idle mode.

Contrast

You can adjust the display contrast on the Main or Front LCD to see it easier under different lighting conditions.

1. Press the **Up** or **Down** Navigation keys to change your settings.

2. Press the **Save** soft key to save your changes, or the **Back** soft key to cancel.

Phone Settings

You can customize various phone settings.

1. In Idle mode, press **Menu** ➔ **Settings** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight **Phone settings** and press the **Select** soft key or the ⌜OK⌟ key.

Time & Date

This menu allows you to change the current time and date displayed.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** and press the **Select** soft key or the ⌜OK⌟ key.

2. Highlight **Time & Date** and press the **Select** soft key or the ⌜OK⌟ key.

The following options are available:

- **Time zone updating**: allows you to receive time information from network.
  - **Automatic**: the phone automatically updates the time and date according to the current time zone using the network service.
  - **Manual only**: you need to manually set the time and date according to the current time zone using the **Set time** menu.
  - **Prompt first**: the phone asks for a confirmation before the update.
- **Time zone**: allows you to enter the time zone associated with your area (available only if Manual only was selected).
- **Daylight saving time**: allows you to turn the daylight saving feature Off or On (available only if Manual only was selected).
- **Time**: allows you to change the hour and minute available only if Manual only was selected).
- **Date**: allows you to enter the month, day, and year.
- **Time format**: allows you to select whether your time displays in either a 12 hour or 24 hour format.
- **Date format**: allows you to select MM/DD/YYYY, DD/MM/YYYY, or YYYY/MM/DD format.

To change your time and date settings:

1. Use the **Up** or **Down** Navigation key to select the option you wish to change.

2. To set **time** or set **date**, use the **Left** or **Right** key to position the cursor over the number you wish to change.

3. Enter the desired number.

4. To change other options, use the **Left** or **Right** key to select the desired setting.

5. When you are finished changing your settings, press the **Save** soft key to save your settings. Otherwise press the **Cancel** soft key.

Note: Automatic updates of time and date do not change the time you have set for alarm settings or calendar memos.

Language

This menu allows you to select a display language for Text language and Input mode. Choose from Automatic, English, Français, and Español.

Airplane mode

Airplane Mode allows you to use many of your phone's features, such as Games, Voice note, etc., when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information.

1. To turn a feature on, highlight the **Airplane** option and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight **On** or **Off** and press the **Save** soft key.

HAC Mode

Enabling HAC (Hearing Aid Compatibility) Mode adjusts the volume for HAC compliant devices used with this handset.

Important!: Enabling the HAC mode can affect the quality of the phone (voice) conversation.

1. To turn a feature on, highlight **HAC mode** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight **Off** or **On** and press the **Save** soft key.

Security

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

Lock phone

When the Phone lock feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on.

Note: To change the phone password, see *"Change password"* on page 66.

Once the correct password is entered, you can use the phone until you switch it off.

The following options are available:

• **Disable**: you are not asked to enter the phone password when you switch on the phone.

• **Enable**: you are required to enter the phone password when you switch on the phone.

Lock application

Using this menu, you can lock your applications which provide access to information such as phonebook, call records, instant messages, messages, files, sounds, images, icons, other files, calendar, tasks, and notes. You can also lock all the applications at once. Once you lock the contents, you must enter the phone's password to access the associated menus.

1. Select an item to lock.

2. Press the $\boxed{\text{OK}}$ key to place a check mark on the selected item and lock the contents.

   • To lock all of the contents, select All application.

3. Press the $\boxed{\text{OK}}$ key to remove the check mark.

Change password

The Change password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

Note: The current password is the password you created on initial use of a password feature.

Once you enter a new password, you are asked to confirm it by entering it again.

Note: If you change your password, be sure to write it down and keep it in a safe place. If you forget your password, your phone will require service to have it unlocked.

Check PIN code

When the Check PIN code feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

Note: Before enabling or disabling the PIN Check feature, you must enter your PIN.

The following options are available:

– **Disable**: the phone connects directly to the network when you switch it on.
– **Enable**: you must enter the PIN each time the phone is switched on.

Change PIN code

This feature allows you to change your current PIN, provided that the PIN check feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again.

Set FDN mode

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available:

• **Disable**: you can call any number.

• **Enable**: you can only call phone numbers stored in Phonebook. You must enter your PIN2. You can obtain your PIN2 from customer service.

Change PIN2 code

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must first enter the current PIN2 (obtained from) before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

Reset settings

From this menu you can reset your phone, display, sound, Bluetooth, and call settings back to the default settings.

▶ In Idle mode, press **Menu ➔ Settings ➔ Phone settings ➔ Security ➔ Reset**.

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The following options are available:

– **All**: Phone, Display, Sound, Bluetooth, and Call settings are returned to default values.
– **Phone settings**: only phone settings are returned to default values.
– **Display settings**: only display settings are returned to default values.
– **Sound settings**: only sound settings are returned to default values.
– **Bluetooth settings**: only Bluetooth settings are return to the default values.
– **Call settings**: only Call settings are return to the default values.

To reset your settings:

1. Highlight one of the options and press the ⬚ᴏᴋ key to place a check mark next to the option.

2. Press the **Reset** soft key.

3. The phone prompts with **Reset settings?**. Press the **Yes** soft key.

4. Enter the 4- to 8-digit password and press the **OK** soft key or the ⬚ᴏᴋ key.

   You receive a reset confirmation message.

To change the password, see *"Change password"* on page 66.

Restore factory settings

From this menu you can reset your phone and sound settings to the factory default settings.

The following options are available:

– **Clear User Data**: deletes all the information saved to the phone including Picture messages and phonebook entries.
– **Restore settings**: changes your device settings to factory default values.
– **Restore and clear**: restores your device to factory default settings.

Important!: You lose setting changes and information saved to the device.

To perform a factory reset:

1. Highlight one of the options and press the $\boxed{\text{OK}}$ key.

2. Enter six zeros into the field and press the $\boxed{\text{OK}}$ key.

Important!: Do not power off the phone during this reset. The reset may take up to two minutes to complete.

3. To lock the marked items, press the **Save** soft key.

4. Enter a password and press the **OK** soft key or the $\boxed{\text{OK}}$ key.

Note: To change the password, see *"Change password"* on page 66.

Memory Status

You can check the amount of the memory being used and the memory remaining for Shared memory, IM, Messages, Files, Games, Organizer, and Phonebook.

The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

You can also check how many names and numbers are stored in Phonebook, on both the SIM card and the phone's memory. You can also see the capacity of both memories.

Call Settings

To access the Call settings menu:

► In Idle mode, press **Menu ➔ Settings ➔ Cal settings** and press the **Select** soft key or the ⊙ key.

Answer Options

The Answer Options menu allows you to select how your phone answers incoming calls. Use the Up or Down Navigation key to highlight your selection.

Press the ⊙ key to make your selection. Press the **Save** soft key to save your new selection. Options include:

• **Send key**: answers an incoming call by pressing either the Accept soft key or the ⌒ key.

• **Open flip**: answers an incoming call by just opening the phone.

• **Any key**: answers an incoming call by pressing any key on your phone.

Auto Redial

In this menu, you can automatically redial the last number if the call was either cut off or you were unable to connect. Press the key to make your selection. Press the **Save** soft key to save your new selection.

Options include:

• **Off**: keeps the phone from automatically redialing the last number if the call was disconnected or the call was cut off.

• **On**: causes the phone to automatically.

Show my number

In the Show my number menu you can select how your ID is handled when an outgoing call is initiated.

Use the Up or Down Navigation key to highlight your selection. Press the ⊙ key to make your selection. Press the **Save** soft key to save your new selection. Options include:

• **Set by network**: uses the default network information to identify you to the other party.

• **Hide number**: hides your identifying information from the other recipient.

• **Show number**: displays your identifying information to the other recipient.

Call forwarding

This network service enables incoming calls to be re-routed to a secondary number that you specify.

Example: You may wish to forward your business calls to a colleague while you are on holiday.

To set your call forwarding options:

1. Select the **Call forwarding** option and then press the **Select** soft key or the ⒪ⓚ key.

2. Press the **Up** or **Down** Navigation key to select a call forwarding option and then press the **Select** soft key or the ⒪ⓚ key.

   The following options are available:

   • **Always**: all calls are forwarded until this feature is cancelled.

   • **If busy**: calls are forwarded when you are already on another call.

   • **If no reply**: calls are forwarded when you do not answer the phone.

   • **If out of reach**: calls are forwarded when you are not in an area covered by
   or when your phone is switched off.

   • **Cancel all**: all call forwarding options are canceled.

3. Press the **Up** or **Down** Navigation key to select **Voice calls** or **Data calls** and then press the **Select** soft key or the ⒪ⓚ key.

   The current status displays. If the option was already set, the number to which the calls are forwarded displays.

4. Use the **Left** or **Right** Navigation key to activate call forwarding.
   The **Forward to** field activates.

5. Enter the number in which to forward the calls in the **Forward to** text box and press the **Select** soft key or the ⒪ⓚ key.

Tip: To enter an international code, press and hold the ⓏⓏⓏ key until the **+** sign displays.

6. To deactivate call forwarding, select **Deactivate** by using the **Left** or **Right** key.

7. When you select **No reply** in step 2, select the length of time the network waits for before forwarding a call.

   The phone sends your settings to the network and the network's acknowledgement displays.

Call barring (SIM Card Dependent)

Call Barring allows you to restrict specific types of incoming and outgoing calls on your phone. This is useful if you allow someone to use your phone for a short period of time.

Call waiting

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

1. Press the **Up** or **Down** Navigation key to apply the call waiting option to **Voice calls** or **Data calls.**

   The screen informs you whether call waiting is activated or deactivated.

2. Press the **Select** soft key or the ⌂ok⌂ key to access the call's status menu.

3. Highlight **Deactivate** or **Activate** and press the **Select** soft key or the ⌂ok⌂ key.

   Call waiting is either activated or deactivated for that type of call.

4. Select the **Cancel all** option to deactivate Call waiting on all voice and data calls.

Network selection

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

To change the Network Selection mode:

1. Highlight the **Search now** option and press the **Select** soft key or the [OK] key.

2. Press the **Up** or **Down** Navigation key until the network you want is highlighted and then press the **Select** soft key or the [OK] key.
   The phone scans for that network and, if available, you are connected.

To change your Default setup:

1. Highlight the **Default setup** option and press the **Select** soft key or the [OK] key.

2. Highlight one of the following options and press the **Select** soft key or the [OK] key:

- **Automatic**: you are connected to the first available network when roaming.

- **Manual**: the phone begins searching for available networks. Press the **Up** or **Down** Navigation key until the network you want highlights and then press the **Select** soft key or the [OK] key. The phone scans the selected network and attempts to connect. If a connection is available, you are connected.

Bluetooth

About 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.

To access Bluetooth:

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Bluetooth** and press the **Select** soft key or the [OK] key.

The following Bluetooth options are available:

Turn Bluetooth On/Off

This option allows you to turn Bluetooth **On** or **Off**. Make a selection and press the **Select** soft key or the [OK] key.

My devices

This option allows you to search for new Bluetooth devices. Highlight the **Search new device** option and press the **Select** soft key or the $\boxed{\text{OK}}$ key. The phone searches for available devices.

Features

Actually, the Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles reduce the chance that different devices will not work together.

The following Service profiles are available:
– **Headset**: The remote Bluetooth headset enables both outgoing and incoming calls.
– **Handsfree**: The remote Bluetooth car kit enables both outgoing and incoming calls.

T-Coil Mode

Note: To ensure that the Hearing Aid Compatibility rating for your phone is maintained.
When the option is enabled, the t-coil will adjust the audio for use with t-coil hearing aids.

Synchronization

This feature allows you to back up (synchronize) Contact information, Schedules, Tasks, and Notes, stored on your phone with your account on the network. Each time you edit Contact information, your phone automatically synchronizes the web Address Book.

To access Synchronization:

▶ In Idle mode, press **Menu** → **Settings** → **Synchronization** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

Important!: Synchronization is a service offered to customers. Charges may apply.

Sync now

Once you establish the information you want to synchronize, this feature allows you to synchronize with the network.

1. In Idle mode, press **Menu** → **Settings** → **Synchronization** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight Sync now and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

3. When the **Synchronize data with Sync?** message displays, press the **Yes** soft key to synchronize the data or press the **No** soft key to cancel.

The information synchronizes with the network and a confirmation dialog displays when finished.

4. Press the 🔚 key to return to Idle mode.

Data to sync

This feature allows you to synchronize your Contacts, Calendar, Tasks, and Notes with your account on the network.

1. In Idle mode, press **Menu ➔ Settings ➔ Synchronization** and press the **Select** soft key or the ⃝ᴏᴋ⃝ key.

2. Highlight **Data to sync** and press the **Select** soft key or the ⃝ᴏᴋ⃝ key.

3. Highlight the type of data to synchronize (Contacts, Calendar, Tasks, or Notes) and press the **OK** soft key to display a check mark next to the item to synchronize.

4. Press the **Save** soft key.

5. Select the **Sync now** option and press the **Select** soft key or the ⃝ᴏᴋ⃝ key.

6. When the **Synchronization will start?** message displays, press the **Continue** soft key.

7. Press the 🔚 key to return to Idle mode.

View log

This feature creates a log of the synchronization activity for viewing.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Synchronization** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight **View log** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

   The screen default displays the all sync log information.

3. Press the **Back** soft key when you are finished viewing the log.

4. Press the $\boxed{\curvearrowright}$ key to return to Idle mode.

About Sync

This feature launches the t-zones synchronization information display and provides information about how the synchronization feature works. It also provides a URL for more specific synchronization information.

Section 9: Fun & Apps

This section outlines the various applications that are available on your phone.

Files

Files allows you to manage your sounds and images in one convenient location.

1. In Idle mode, press **Menu ➔ Fun & Apps** icon. Press the **Select** soft key or the [OK] key to enter the menu.

2. Highlight **Files** and press the **Select** soft key or the [OK] key.

Sounds

In this menu, you can view the list of sounds downloaded from the web server or received in picture messages. You can set a downloaded sound as the current ring tone.

1. In Idle mode, press **Menu ➔ Fun & Apps** icon. Press the **Select** soft key or the [OK] key to enter the menu.

2. Highlight **Sounds** and press the **Select** soft key or the [OK] key.

Note: When downloading **MegaTones®** or **HiFi Ringers**™, charges may apply.

The following options are available:

Browse MegaTones

Using the **Browse MegaTones** option on the sounds list, you can quickly access the website and download new sounds by using the t-zone browser. Press the **Select** soft key to purchase additional MegaTones.

Browse HiFi Ringers

Using the **Browse HiFi Ringers** option on the sounds list, you can quickly access website and use the t-zone browser to download new HiFi Ringers. Press the **Select** soft key to purchase additional ringtones.

Sounds

Highlight an item in the **Sounds** menu and press the **Options** soft key. The following options are available:

• **Download new**: opens your web browser where you can download new sounds.

• **Send via**: allows you to send the sound file via a Picture message.

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- **Set as**: allows you to set the sound as your ring tone, an Individual ringtone, or an Alarm tone.
- **Delete**: allows you to delete the selected sound or multiple sounds.
- **Rename**: allows you to change the name of the sound.
- **Lock**: allows you to lock the sound to protect it from deletion.
- **Properties**: displays the sound name, date, format, length, size, and Lock/Unlock.

Voice list

The Voice list contains your recorded audio messages. Highlight an item and press the **Options** soft key. The following options are available:

- **Send via**: allows you to send the audio message via a Picture message.
- **Set as**: allows you to set the selected audio message as a Default ringtone, Individual ringtone, or Alarm tone.
- **Delete**: allows you to delete the selected audio message or multiple audio messages.
- **Rename**: allows you to change the name of the audio message.
- **Lock**: allows you to lock the audio message to protect it from deletion.
- **Properties**: displays the audio name, date, format, length, size, and Lock/Unlock.

Images

In this menu, you can view the list of images downloaded from the web server, taken with the built-in camera, or received in messages. You can set an image as the current background image.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** and press the **Select** soft key or the [OK] key.

2. Highlight **Images** and press the **Select** soft key or the [OK] key.

The following options are available:

Browse Wallpapers

Using the **Browse Wallpapers** option, allows you to access the website and download new images using the t-zone browser.

▶ Highlight **Wallpaper** and press the [OK] key.

Note: When downloading Wallpapers, charges may apply.

Photos

In this menu you can review the photos you've taken. Highlight a photo and press the **Options** soft key to choose from the following options:

• **Send to My Album**: allows you to send your photos to My Album.

• **Send via**: allows you to send an image as a picture message.

• **Set as**: allows you to set the photo as your Wallpaper or as a Picture ID.

• **Delete**: allows you to delete the selected photo or multiple photos.

• **Default destination**: allows you to Change or Replace where your photos are sent after you take them.

• **Rename**: allows you to rename the photo.

• **Display mode**: allows you to view the photos in Line view or Thumbnail view.

• **Slide show**: allows you to set the time for the slide show to cycle through the images. Choose 1 second or 3 seconds.

• **Lock**: allows you to lock the photo to protect it from deletion.

• **Properties**: displays the image name, date, format, resolution, size, and Lock/Unlock.

My Album

My Album is a private online picture album that you can use to store and share pictures, voice messages, and text. For more information, see *"My Album"* on page 95.

Use the following procedures to access **My Album**.

Note: When accessing My Album, charges may apply.

1. In your t-zone browser, select the **Go to Web** link and press the ⌜OK⌝ key.

2. Scroll to My Album and press the ⌜OK⌝ key.

3. Photos sent to this folder are stored in **My album**.

4. Use the **Up** or **Down** key to highlight a particular image and press the ⌜OK⌝ key to view the photos.

5. Press the key to exit t-zones and return to the t-zones menu.

My Journal

Use a web browser to make notes in My Journal, your online diary and Web log.

Keep it private to store your personal memories and send email invitations to ask people to view and comment on your album. See your service provider for more information. For more information, refer to *"My Journal"* on page 96.

Note: When making notes on My Journal, charges may apply.

Downloaded images

This menu allows you to access your downloaded images.

Scroll to the image you want to view. By pressing the **Options** soft key you can access the following options:

- **Download new**: opens your web browser where you can download new images.
- **Send via**: allows you to send an image via a Picture message.
- **Set as**: allows you to set the image as Picture ID or Wallpaper.
- **Delete**: allows you to delete the selected image or multiple images.
- **Rename**: allows you to change the name of the image.
- **Display mode**: allows you to set the display mode to Line view or Thumbnail view.
- **Slide show**: allows you to set the time for the slide show to cycle through the images. Choose 1 second or 3 seconds.

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- **Lock/Unlock**: allows you to lock the image to protect it from deletion or unlock it for deletion.
- **Properties**: displays the image name, date, format, resolution, size, quality, and Lock/Unlock.

Icons

This menu allows you to personalize your favorite numbers with downloadable icon types.

- **myFaves icons** displays a list of downloaded icon types for you to use.
- **Browse myFaves Icons** navigates to the t-zones so you can download additional myFaves icon types.

Other files

This menu allows you to view other types of files that you have stored on your phone. This includes Excel spreadsheets, text files, WMF files, PowerPoint presentations, PDFs, MHTML, and Word documents. You can send these files by picture message.

Memory Status

You can check the amount of memory being used as well as available memory on the phone or SIM card for sounds, images, and Other files. Use the **Up** or **Down** Navigation key to view the entire list.

Games

You can download MIDlets (Java applications that run on mobile phones) from various sources using t-zones browser and then storing them in your phone.

1. In Idle mode, press **Menu → Fun & Apps** icon. Press the **Select** soft key or the [ok] key to enter the menu.

2. Highlight **Games → My Games** and press the [ok] key.

When you access the **My Games** menu, the list of default games displays. Once you have downloaded new games, they are then added to the list.

Browse Games

You can download more games from the website by using the **Browse Games** option.

1. In Idle mode, press **Menu → Fun & Apps** icon. Press the **Select** soft key or the [ok] key to enter the menu.

2. Highlight **Games → Browse Games** and press the **Connect** soft key or the [ok] key.

Note: When downloading games, charges may apply. MIDlet game options differ depending on the MIDlet you select.

My Games

1. In Idle mode, press **Menu → Fun & Apps** icon. Press the **Select** soft key or the [ok] key to enter the menu.

2. Highlight **Games → My Games** and press the **Open** soft key or the [ok] key.

3. Scroll to the MIDlet application you want and press the **Options** soft key.

The following options are available:

- **Move to**: allows you to move a MIDlet to another folder.
- **Delete**: allows you to delete a MIDlet.
- **Lock/Unlock**: allows you to prevent/allow deletion of the game.
- **Properties**: displays information about the MIDlet, such as file size, application version, and vendor.
- **Memory status**: Shows you how much memory is left for your games.

4. Press the **Start** soft key or the [ok] key to start the game.

-Or-

5. Press the [phone] key to exit.

6. At the **Exit?** prompt press the **Yes** soft key to exit or **No** soft key to cancel.

Camera

For information on using your camera, see *"Camera"* on page 91.

Organizer

The Organizer allows you to set alarms, view the calendar, create Tasks, create text notes, schedule appointments, perform simple math calculations, calculate tips, check world time, synchronize your phone, perform unit conversions, set a timer, and use a stopwatch.

▶ In Idle mode, press **Menu ➔ Fun & Apps ➔ Organizer** and press the **Select** soft key or the [OK] key.

Alarm

This feature allows you to:

- Set up to 3 alarms to ring at specified times.
- Set the phone to switch on automatically and ring the alarm even if the phone is switched off.

The following options are available:

  – **Alarm1**: set the day, time, and tone for this alarm.
  – **Alarm2**: set the day, time, and tone for this alarm.
  – **Alarm3**: set the day, time, and tone for this alarm.

– **Auto power-up**: alarm rings at the specified time even if the phone is turned off.
If the option is set to **Off** and the phone is switched off at the specified time, the alarm does not ring.

To set the alarm:

1. After selecting an alarm, highlight the **Alarm** option and press the **Right** navigation key to set Alarm to **On**.

2. Press the **Down** key to highlight the **Alarm time** option. Enter the time you want the Alarm to sound.

3. Press the **Down** key to highlight the Sunday-Saturday checkboxes. Press the [OK] key to bring up a list of days.

4. Place a checkmark next to the days you want the alarm to sound. Place a checkmark next to Once only if you want the alarm to sound only one time. Press the [OK] key to place or remove a check mark. Press the **OK** soft key.

5. Press the **Down** key to highlight the **Alarm tone** option. Press the [OK] key to bring up a list of alarm melodies.

6. Press the **Up** or **Down** Navigation key to highlight a Basic alarm melody. Or, press the **Left** or **Right** navigation key to display a list of default melodies, voice list, or sounds from which to choose.

7. Press the **Select** soft key once you have selected an alarm sound.

8. Press the **Save** soft key.

9. To stop the alarm when it rings, press any key or press the **Snooze** soft key.

Note: The Snooze alarm rings every five minutes until it is turned off.

10. Press the 🔚 key to return to Idle mode.

Note: Your phone is preset to a 12-hour format. To change the time format, see *"Time & Date"* on page 63.

Calendar

With the Calendar feature, you can:

• Consult the calendar by month, week, or day.

• Set schedules and note anniversaries.

• Create a miscellaneous event.

• Create a Task list.

• Set an alarm to act as a reminder, if necessary.

• Check your memory status.

When you select the **Calendar** menu, the following options are available:

Month view

When you select this option, the calendar displays the selected month with today's date highlighted.

At the bottom of the calendar, the following icons are displayed along with the number of entries for each:

📑 Schedule items

📜 Anniversary events

✓ Task items

📋 Miscellaneous items

The number of entries next to each icon reflects the number of entries for the selected day on the calendar.

The following options are available when you press the **Options** soft key:

– **View mode**: takes you to the Day view or Week view of the selected day.

– **Create new**: allows you to create a Schedule, Anniversary, Miscellaneous event, or Task.

– **Go to**: takes you to the Today's date or another date highlighted.

– **Delete**: allows you to delete the select event, delete all events for specified periods, or delete all events for this month. You can also delete all events.

Week view

When you select this option, the calendar displays the selected week with today's date and time highlighted. The following options are available when you press the **Options** soft key:

– **View mode**: takes you to the Day view or Month view of the selected day.

– **Create new**: allows you to create a Schedule, Anniversary, Miscellaneous, or Task.

– **Go to**: takes you to today's date or another date highlighted.

– **Delete**: allows you to delete all events for a selected date, delete all events for a specified period, or delete all events for this weeks dates. You can also delete all events.

Day view

When you select this option, you are taken to the Day view of the selected day with any events listed. The following options are available when you press the **Options** soft key:

– **Create new**: allows you to create a Schedule, Anniversary, Miscellaneous event, or Task.

– **Send via**: allows you to send the event as a text or picture message.

– **View mode**: takes you to the Month view, or Week view of the selected day or to the Month view.

– **Delete**: allows you to delete all events for a selected date, delete all events for specified periods, or delete all events.

Schedule

This option allows you to write memos to a schedule.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Organizer** and press the **Select** soft key or the ⌜ OK ⌝ key.

2. Select **Calendar ➔ Schedule** and press the **Select** soft key or the ⌜ OK ⌝ key.

3. Press the **Options** soft key.

4. Highlight **Create new** and press the **Select** soft key or the ⌜ OK ⌝ key.

5. Enter the subject in the **Subject** text box then press the **Down** soft key.

6. Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, AM/PM, Location, Alarm, before, Alarm tone, Repeat and until.

7. Press the **Save** soft key when you are finished. Your Schedule information saves to the Calendar.

Anniversary

This option allows you to record Anniversaries in your calendar. You can also set an alarm to remind you of important anniversaries.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the ⌈ OK ⌋ key.

2. Select **Calendar** ➔ **Anniversary** and press the **Select** soft key or the ⌈ OK ⌋ key.

3. Press the **Options** soft key.

4. Highlight **Create** and press the **Select** soft key or the ⌈ OK ⌋ key.

5. Enter the occasion in the **Occasion** text box then press the **Down** soft key.

6. Continue to enter other information including Date, Alarm, before, Alarm time, AM/PM, Alarm tone, and Repeat every year.

7. Press the **Save** soft key when you are finished.
   Your Anniversary information saves to the Calendar.

Miscellaneous

This option allows you to record miscellaneous dates or events in your calendar.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the ⌈ OK ⌋ key.

2. Select **Calendar** ➔ **Miscellaneous** and press the **Select** soft key or the ⌈ OK ⌋ key.

3. Press the **Options** soft key.

4. Highlight the **Create new** option and press the **Select** soft key or the ⌈ OK ⌋ key.

5. Enter the subject in the **Subject** text box then press the **Down** soft key.

6. Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, AM/PM, Alarm, before, and Alarm tone.

7. Press the **Save** soft key when you are finished.
   Your Miscellaneous information saves to the Calendar.

Missed alarm events

You can check on all of the events that you have set an alarm on.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Organizer** and press the **Select** soft key or the ⒪ⓚ key.

2. Select **Calendar ➔ Missed alarm events** and press the **Select** soft key or the ⒪ⓚ key.

3. Highlight an event and press the ⒪ⓚ key to view the event information.

   The missed alarm event information displays.

4. Press the **Confirm** soft key or the ⒪ⓚ key to acknowledge and remove the event. The event is removed from the **Missed alarm events** menu.

Memory status

This menu item shows the number of calendar events you presently have and how many more you memory space for. It breaks down your events by Schedule, Anniversaries, or Miscellaneous.

Tasks

This feature allows you to enter a list of tasks.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Organizer** and press the **Select** soft key or the ⒪ⓚ key.

2. Select **Tasks** and press the **Select** soft key or the ⒪ⓚ key.

3. Press the **Options** soft key.

4. Highlight the **Create new task** option and press the **Select** soft key or the ⒪ⓚ key.

5. Enter the Task item in the **Task** text box then press the **Down** soft key.

6. Continue to enter other information including Start date, Due date, Priority, Alarm, before, Alarm time, AM/PM, and Alarm tone.

7. Press the **Save** soft key when you are finished. Your Task list saves to the Calendar.

Editing the Tasks List

When you select the Tasks list menu, the current contents display with a status checkbox and a priority marker.

A check displays in the checkbox if the item is marked as done.

High priority items have a red explanation mark, Normal priority items have a blue explanation mark, and Low priority items have a gray explanation mark.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the key.

2. Select **Tasks** and press the **Select** soft key or the key.

3. Highlight the item and press **Options** ➔ **Mark as done**, then press the **Select** soft key or the key.

4. The status checkbox on the right, next to the Task item displays a check mark.

5. To edit other fields in the Task item, highlight the item and press the key.

6. Press the key.

7. Edit the items you wish to change.

8. Press the key when you are finished editing the **Task** list.

Notes

This option allows you to create a note to attach and send in as a text or picture message.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the key.

2. Select **Notes** and press the **Select** soft key or the key.

3. Highlight **Create new note** and press the **OK** soft key.

4. Enter the note in the Notes text field. For more information, refer to *"Entering Text"* on page 29.

5. Press the **Save** soft key.

Notes Options

While accessing any Notes entry, press the **Options** soft key to use the options for the entry.

The following options are available:

• **Edit**: allows you to edit the notes.

• **Create new note**: creates a note.

• **Send via**: attaches the note to a Text or Picture message.

• **Delete**: deletes the currently selected note or all notes.

• **Memory status**: displays the number of notes and how much memory remains for additional notes.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division.

1. Enter the first number using the numeric keys.

2. Press the Navigation key that corresponds to the calculation operation (for example, multiply, add, divide, or subtract) according to the illustration on the display. Use the ✱ key for the decimal. The #·· key is used to create brackets.

   - Or -

   Press the Options soft key and select one of the operations (such as cosine) and press the Select soft key.

3. Enter the next number.

4. To view the result, press the OK key.

   Repeat steps 1 to 4 as many times as required.

Tip calculator

This feature provides the percentage amount for tip. Use the following procedures to calculate a tip amount.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Organizer**

and press the **Select** soft key or the OK key.

2. Select **Tip calculator** and press the **Select** soft key or the OK key.

3. In the **Bill** field, enter the check amount.

Note: To enter the decimal point for the exact dollar amount, use the ✱ key.

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4. Use the **Down** Navigation key to highlight **Tip(%)** percentage. 15 is the default value but this can be changed.

5. The **Tip($)** field value is calculated according to the values entered.

6. Use the **Down** Navigation key to move to the **# paying** field to change the number of people contributing to the tip amount.

7. The **You pay** field displays what each individual is to pay.

World Time

This feature allows you to find out what time it is another part of world, using the **Left** and **Right** Navigation keys.

There are two time lines available. You can set the first setting to your home city and then use the second setting to check other city times.

Synchronization

The first time you access the synchronization feature, the handset prompts with the following message:

Synchronization complete! Phone will automatically sync to every phonebook change you make.

To change sync settings go to: **Settings ➔ Synchronization**. To manage your Contacts, go to: ".com".

This feature allows you to back up (synchronize) Contact information, Schedules, Events, and Notes stored on your phone with your account on the network. Each time you edit contact information your phone automatically synchronizes (on scheduled time intervals) with the web Address Book.

Note: Synchronization is a service offered to customers.

Sync now

Once you establish the information you want to synchronize, this feature allows you to synchronize with the network.

1. In Idle mode, press **Menu ➔ Settings ➔ Synchronization** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

2. Highlight Sync now and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

3. When the **Synchronize data with Sync?** message displays, press the **Yes** soft key to synchronize the data or press the **No** soft key to cancel.

   The information synchronizes with the network and a confirmation dialog displays when finished.

4. Press the $\boxed{}$ key to return to Idle mode.

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Data to sync

This feature allows you to synchronize your Contacts, Calendar events, and Task list, or Notes with your account on the network.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Synchronization** and press the **Select** soft key or the [OK] key.

2. Highlight **Data to sync** and press the **Select** soft key or the [OK] key.

3. Highlight the type of data to synchronize (Contacts, Calendar, Task, or Notes) and press the **OK** soft key to display a check mark next to the item to synchronize.

4. Press the **Save** soft key.

5. Select the **Sync now** option and press the **Select** soft key or the [OK] key.

6. When the **Synchronization will start?** message displays, press the **Continue** soft key.

7. Press the [📵] key to return to Idle mode.

Viewing the Synchronization log

This feature creates a log of the synchronization activity for viewing.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Synchronization** and press the **Select** soft key or the [OK] key.

2. Highlight **View log** and press the **Select** soft key or the [OK] key.

   The screen default displays the all sync log information.

3. Press the **Back** soft key when you are finished viewing the log.

4. Press the [📵] key to return to Idle mode.

About Sync

This feature launches the t-zones synchronization information display and provides information about how the synchronization feature works. It also provides a URL for more specific synchronization information.

▶ Press the **More Info** soft key to launch the t-zones synchronization information.

Note: Your t-zones feature must be activated by for this feature to work.

Unit Conversion

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 Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the [OK] key.

2. Select **Unit conversion** and press the **Select** soft key or the [OK] key.

3. Scroll to the conversion feature you wish to use and press the **Select** soft key or the [OK] key.

4. Enter the quantity you want converted.

Note: To include a decimal point, press the [✳] key.

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5. Use the Navigation keys to select the **From** and **To** units of measure for the quantity you want converted.

6. Press the **Back** soft key to return to the **Unit conversion** menu.

Timer

You can use this menu to set a timer. To enable the Timer, use the following options:

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** and press the **Select** soft key or the [OK] key.

2. Select **Timer** and press the **Select** soft key or the [OK] key.

3. Press the **Set** soft key to enter the length of time.

4. Enter the time and press the **OK** soft key.

5. Press the [OK] key to start the timer. Press the [OK] key again to stop the timer.

Stopwatch

This feature allows you to use a stopwatch. Press the [OK] key to start the stopwatch. Press the **Reset** soft key to erase all previously recorded stopwatch times. Press the [OK] key to stop the stopwatch. The next lap time counter begins. You can use up to 4 lap times.

Section 10: Camera

This section explains how to use the camera on your phone. You can take photographs by using the built-in camera functionality.

Using the Camera

Using the camera module in your phone, you can take photos of people or events while on the move. Additionally, you can send these photos to other people in a Picture Messaging message or set a wallpaper or caller ID image.

Note: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Take and Send

Your camera produces photos in JPEG format.

Note: When you take a photo in direct sunlight or in bright conditions, shadows may display on the photo.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** and press the **Select** soft key or the [OK] key.

Note: The camera module can also be accessed by pressing the [ ] key on the right side of the phone.

2. Highlight **Camera** and press the **Select** soft key or the [OK] key.

3. Highlight **Take and Send** and press the **Select** soft key or the [OK] key.

4. Adjust the image by aiming the camera at the subject.

5. Press the **Menu** soft key to access the camera options. For details, see *"Configuring Camera Options"* on page 93.

Note: You can use the keypad to quickly change the camera options.

6. Press the [ ] or [OK] key to take the photo. **Send to: My Album Online?** displays.

7. Press the **Yes** soft key if you want to send the photo to your **My Album Online** service. The phone's default destination is set to **My Album Online**. The photo is automatically saved to the **Photos** folder in the phone.

Note: To change the default destination for your pictures, press the **Options** soft key when **Send to: My Album?** displays on the screen. Highlight the **Default destination** option and the **Change** option. You can then change your default destination to a Recent recipients, Phonebook, phone number, E-mail address, My Album, or My Journal.

8. To send the newly taken photograph, press the **Options** soft key, select the **Send to** option and press the **Select** soft key or the ⌜OK⌝ key.

9. Select from one of the following destinations by pressing the **Up** or **Down** Navigation key:

   • **Recent recipients**: allows you to send to one of the recent recipients.

   • **Phonebook**: allows you to select a recipient from the phonebook.

   • **New recipient**: allows you to enter the phone number or E-Mail address of a new recipient.

   • **My Album**: sends the message to My Album.

   • **My Journal**: sends the message to My Journal.

10. To return to Capture mode, press the **Options** soft key and select **Take another** then press the **Select** soft key or the ⌜OK⌝ key.

11. Press the ⌜ ⌝ key to return to Idle mode.

Configuring Picture Options

After you have taken a picture, press the **Options** soft key to access the photo's **Options** menu for the current photograph. This list of options differ from the Camera's main menu which allows you to configure options for the camera and not for the picture.

The following options are available:

• **Take another**

• **Send to**: allows you to select a recipient from the following: Recent recipients, Phonebook, Phone number, E-mail address, My Album, or My Journal.

• **Send in Message**

• **Default destination**: allows you to **Change** the current location by establishing a new folder in which to place the pictures or **Remove** a current destination location. Select from the following options: Recent recipients, Phonebook, Phone number, E-mail address, My Album, or My Journal.

Note: To change the default destination for your pictures, highlight the **Default destination** option, then select **Change**.

• **Set as**: allows you to use the current photo as Wallpaper or a Picture ID.

• **Go to Photos**: displays the Photos folder.
• **Delete**: allows you to delete the selected photo.
   1. To return to the **Capture** mode, press the ⬜c⬜ key.

Configuring Camera Options

In Capture mode, you can use various options for the camera module by pressing the **Menu** soft key then pressing the Left or Right Navigation key to view the following options:

• **Shooting mode**: takes a photo in various modes. Once you change the mode, the corresponding indicator displays at the top left of the display.
   – **Single shot**: takes a single photo and allows you view it before returning to the shooting mode.
   – **Frame shot**: displays a frame on the screen so you can center the photo in your shot like a postcard.
• **Size**: allows you to set the image size to either: 640x480, 320x240, 128x160, and 128x96. The selected image size displays on the capture screen.
• **Timer**: allows you to set a time delay before the camera takes the photo. Options are: Off, 3 sec, 5 sec, or 10 sec. Select the length of delay you want and press the **Select** soft key. When you press the 📷 or ⬜OK⬜ key, the camera takes the photo after the specified time has elapsed.
• **White balance**: allows you to set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.

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• **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: No effects, Black&White, Negative, Sepia, Emboss, Sketch, Antique, Moonlight, and Fog.
• **Default destination**: allows you to **Remove** a current destination location or **Change** the current location by establishing a new folder in which to place the pictures.
• **Shortcuts**: allows you to view a quick list of shortcuts such as Mode, Shooting mode, Timer and Viewfinder mode.

General Settings

During capture mode press the Menu soft key and scroll to the left until General settings displays.

   1. Highlight General setttings and press the ⬜OK⬜ key.
   2. Use the Navigation keys to select and set the following settings:
   • **Zoom sound**: allows you to turn zoom sound On or Off.
   • **Brightness sound**: allows you to turn brightness sound On or Off.

Camera Settings

During capture mode press the Menu soft key and scroll to the right until Camera Settings displays.

   1. Highlight Camera setttings and press the ⬜OK⬜ key.

2. Use the Navigation keys to select and set the following settings:

• **Shutter sound**: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are Shutter1, Shutter2, and Shutter3.

• **Viewfinder mode**: allows you to set the view finder to Full screen, Full screen & Indicator, Full screen & Guideline, or Actual screen.

• **Scene program**: allows you to set the camera options to capture normal or night scene.

• **Exposure metering**: allows you to set how the camera measures or meters the light source: Normal, Center-weighted, or Spot.

• **Single shot**: allows you to select whether you want the single shot option set to Take and Send or Take and Preview.

Photos

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Camera** and press the **Select** soft key or the ⌷ key.

2. Select **Photos** and press the **Select** soft key or the ⌷ key.

   When you access this menu, your phone displays the photos in Line view, which shows them as small images. Use the Navigation keys to scroll through the photos.

3. To view the photos on the full screen, press the ⌷ key. To go back to Line view, press the **Back** soft key or the ⌷ key.

4. Press the **View** soft key to view the selected photo.

5. Press the **Options** soft key to use the following options:

• **Send to My Album**: allows you to send your photos to My Album.

• **Send via**: allows you to send the selected photo as a Picture message.

• **Set as**: allows you to set the photo as your Wallpaper or as a Picture ID.

• **Default destination**: allows you to Change or Remove where your photos are sent after you take them.

• **Delete**: allows you to delete the selected photo.

• **Rename**: allows you to rename the photo.

• **Slide Show**: allows you to see all of your photos in a slide show presentation. Choose from 1 or 3 seconds intervals.

• **Lock**: allows you to protect the photo from being deleted.

• **Properties**: shows the properties of the photo, such as the file name, file date, file format, image resolution, file size, and lock/unlock.

Deleting a Photo

You can delete photos one by one or all at one time.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Camera** and press the **Select** soft key or the [OK] key.

2. Select **Photos** and press the **Select** soft key or the [OK] key.

3. From the **Photos** menu, highlight the photo you want to delete. Press the **Options** soft key and select **Delete** and press the **Right** Navigation key.

4. Select a deletion of either the currently **Selected** image or **Multiple** images and press the **Select** soft key or the [OK] key.

5. Press the **Yes** soft key to confirm the deletion.

6. Press the [📵] key to return to Idle mode.

My Album

My Album is a private online picture album that you can use to store and share pictures, voice messages, and text.

Use the following procedures to access **My Album**.

Note: When accessing My Album, charges may apply. The feature is not activated until you send your first image to the remote My Album location.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Camera ➔ My Album** and press the **Select** soft key or the [OK] key. The t-zones browser launches and the Web page displays.

2. Select the **My Albums Menu** link and press the **Select** soft key or the [OK] key.

3. Photos sent to this folder are stored in the **Inbox Album**. Press the **Select** soft key to view the photos.

4. Press the [📵] key to exit t-zones and return to the Idle screen.

My Journal

Make notes in My Journal, your online diary and Web log. Keep it private to store your personal memories, or send email invitations to ask people to view and comment on your album. Contact T-Mobile customer service for more information.

Note: When accessing My Journal, charges may apply.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Camera ➔ My Journal** and press the **Select** soft key or the `OK` key. The t-zones browser launches and the Web page displays.

Section 11: t-zones

This section outlines the t-zones features available on your phone. For more information, contact.

t-zones

Your phone is equipped with a WAP (Wireless Application Protocol) browser which provides you wireless access and navigation to the Web using your phone.

Note: You can enter t-zones without going through the t-zones menu by simply pressing the t-zones soft key while in Idle mode.

To access t-zones via the menu, follow these steps:

1. In Idle mode, press **Menu** ➔ **t-zones** and press the **Select** soft key or the $\boxed{\text{OK}}$ key.

To access t-zones directly, follow these steps:

► In Idle mode, press the **t-zones** soft key to access the t-zones menu.

The following options are available:

Home

Selecting this menu connects the phone to the network and loads the t-zones homepage.

The content of the t-zones startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the **Up** and **Down** keys.

To go to the startup homepage from any other screen in the t-zones, use the **Home** option. For more information on the t-zones menus, see *"Selecting and Using Menu Options"* on page 98.

Exiting the t-zones

► To exit the browser at any time, simply press the $\boxed{}$ key.

Navigating the t-zones

1. To scroll through browser items, press the **Up** or **Down** Navigation key.

2. To select browser items, press the [OK] key.

3. To return to the previous page, press the **Back** soft key or the [C] key.

4. To return to the startup homepage, press the **Menu** soft key, select **Home** and press the [OK] key.

Entering Text in the t-zones

When you are prompted to enter text, the currently active text input mode is indicated on the screen. The following modes are available:

• **Upper-case character mode (A)**: allows you to enter upper-case English characters.

• **Lower-case character mode (a)**: allows you to enter lower-case English characters.

Note: You can enter symbols in upper-case or lower-case character mode by pressing the [1] key.

• **Number mode (1)**: allows you to enter numbers.

To change the text input mode, use the following procedures:

1. Press the **Right** soft key one or more times.

2. To enter a space, press the [□±] key.

3. To edit text, set the cursor to the right of the character(s) to be corrected.

4. Press the [C] key as required.

5. Enter the correct character(s).

Selecting and Using Menu Options

Various menus are available when you are using t-zones to navigate the Wireless Web.

To access the browser options menu:

1. Press the **Menu** soft key.

Note: The menus may vary, depending on your version of t-zones.

The following options are available:

– **Enter URL**: allows you to manually enter the URL address of a Web page. After entering an address, press the [OK] key to go there directly.

– **Bookmarks**: shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.

– **Messages**: allows you to create a text message or check your My Messages folder.

– **Files**: allows you to go to your Files folders.

– **Home**: takes you back at any time to the home page of the Wireless Web service provider.

– **Back**: takes you back to the previous web browser screen.

– **Show URL**: displays the URL address of the Web page to which you are currently connected. It also enables you to set the current site as the startup home page.

– **Reload**: reloads the current page.

Enter URL

This menu allows you to manually enter the URL address of a web site that you wish to access.

For further details about entering characters, see *"Entering Text"* on page 29.

Bookmarks

This menu stores up to 15 URL addresses.

To store a URL address:

1. Select an empty location and press the **Select** soft key or the ⌈OK⌉ key.

2. Enter a name for the favorite item in the **Name** text box and press the **Down** key.

3. Enter the address in the URL text box and press the **Options** soft key. The following options display:

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• **Select language** allows you to select from English, Français, and Español.

• **Cancel** to cancel storing this bookmar.

4. Press the ⌈OK⌉ key.

Note: For further details about how to enter characters, see *"Entering Text"* on page 29.

After saving favorite items, you can access the following options by highlighting the item, then pressing the **Options** soft key:

– **Edit**: allows you to edit the address.

– **Delete**: allows you to delete the address.

– **Send URL via message**: allows you to send the selected URL as a message.

Or, you can select the favorite item and press the ⌈OK⌉ key. Your browser displays the site.

Clear Cache

You can clear the information stored in the cache, which is the phone's temporary memory which stores the most recently accessed Web pages.

▶ Press the **Yes** soft key to confirm the deletion. Otherwise, press the **No** soft key.

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.

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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.

The highest SAR values for this model phone as reported to the FCC are :

GSM850 Head: 0.276 W/Kg, Body-worn: 0.299 W/Kg.

GSM1900 Head: 0.178 W/Kg, Body-worn: 0.331 W/Kg.

For body worn operations, this model phone has been testde and meets the FCC exposure guidelines when used with a Samsung accessory designated for this product or when used with an accessroy that contains no metal and that positons the handset a minimum 1.5 cm from the body.

Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. This site uses the phone FCC ID number A3LSGHT229.

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.

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

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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:

• FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/

• Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/

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- 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/emfpg.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.nrpb.org.uk
- Updated 4/3/2002: 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.

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Health and safety information

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. Remember, it is a free call on your wireless phone!

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

Provided by the Cellular Telecommunications & Internet Association

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).

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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.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

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.

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).

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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 [SEND].

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

FCC Notice and Cautions

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and,f not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct theinterference by one or more of the following measures:

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

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 Battery

march Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user°Øs authority to operate the 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 15 minutes of 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.

- Hold the phone with the antenna raised, fully-extended and over your shoulder.
- Try not to hold, bend or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- 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.

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- 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.
- 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.
- 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 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.

- 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.

Health and safety information

- 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.

- When the phone or battery gets wet, the label indicating water damage inside the phone changes color. In this case, phone repairs are no longer guaranteed by the manufacturer's warranty, even if the warranty for your phone has not expired.

- If your phone has a flash or light, do not use it too close to the eyes of people or animals. This may cause damage to their eyes.

- 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.

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FCC Hearing-Aid Compatibility (HAC)

Regulations for Wireless DevicesOn July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless 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 a rating system for wireless phones, to assist hearing device users find 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 located 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 generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to

interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

M3   +   M2   = 5   T3   +   T2   = 5
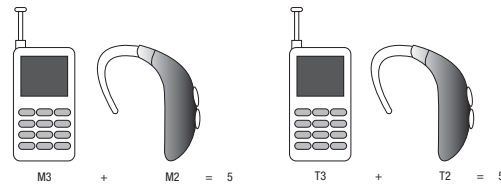
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

SAMSUNG

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.