

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 voicemail.

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 others features.

Removing the Cover

- 1. If necessary, switch off the phone by holding down the 💿 key until the power-off image displays.
- 2. Remove the cover by pulling up on the slot (see diagram), then lift the cover up and off the phone.



Removing the Battery

▶ Lift up (1) and remove (2) the battery.



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.

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.

Note: If the card is not inserted correctly, the phone does not detect the SIM card. Re-orient the card back into the slot.



Replacing the Battery

- 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 snaps into place.
- 3. Check that the battery is properly installed before turning on the phone.



Installing or Removing the Memory Card

 Your phone supports an optional memory card (microSD[™]) for data storage of such things as music, pictures, video or other files. This type of memory card is designed for use with this mobile phone and other devices.

Note: This phone supports up to a 16 Gigabyte memory card.

2. Place the microSD card into the slot (as shown) and push lightly with your thumb or finger until you hear a light click sound. Ensure the microSD's gold contact pins face downward and the card is placed so that the indentations on the card face the same direction as those illustrated.



3. Push the microSD card with your thumb a second time to eject it from the slot.

Replacing the Cover

- 1. Press down on the corners of the battery cover until you hear a click.
- 2. Verify that the battery cover is secured.



Charging a Battery

Your phone is powered by a rechargeable Lithium-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.

 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 continuously power cycles and prevents proper operation.

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



Note: The previous illustration displays the correct and incorrect method for connecting the charger. If the charger is inserted incorrectly, damage to the accessory port occurs therefore voiding the phone's warranty.

- When charging is finished, unplug the adapter's power plug from the AC wall outlet and then disconnect the travel adapter's connector from the phone.
- 4. Replace and secure 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.
- If the phone asks you to enter the phone password, use the keypad to enter this password and press either the Confirm soft key or

Note: For more information, refer to "Change phone password" on page 118.

3. If the phone asks for a PIN, use the keypad to enter the PIN and press either the **Confirm** soft key or soft key or further details, see "Check PIN code" on page 118.

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

Note: The display language is preset to Automatic at the factory.

4. When you want to switch off the phone, press and hold 💿 until the power-off image displays.

Setting Up Your Voicemail

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

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

You may be prompted to enter a password.

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

Note: These steps may be different depending on your network.

Accessing Your Voicemail

You can press and hold the 12 key on the keypad or use the phone's menu to access your voicemail. To access voicemail using the menu:

1. In Idle mode, press and hold

Your phone dials the specified voicemail number.

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

This section outlines some key features of your phone. It also displays the screen and the icons that display 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.

- · Slider phone with full QWERTY keyboard
- 2.0 Megapixel Camera with 12x Digital Zoom
- Bluetooth[®] Wireless Technology
- · User friendly, menu driven access to features and options
- Text Messaging, Picture Messaging, Audio Postcards, Video Messaging, and Instant Messaging capability
- · Social Buzz Service feature
- · Email capability (work and personal)
- · Visual Voicemail capability
- · Sound/Image media capability
- · Media feature provides web2go, photos, music, images, sounds, videos, games and apps, other files, and memory status.
- Organizer feature provides calendar, TeleNav GPS Navigator, alarm, voice recognition, tasks, memo, calculator, tip calculator, world clock, converter, timer, stopwatch, and RSS reader.

Front 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.
- Left Soft key allows you to select soft key actions or menu items. The option for the soft key displays on the bottom, left portion of the screen.
- 3. Send key allows you to make or answer a call. In Idle mode, a short press displays Call history.

- 4. Messaging key allows you to program this key as a shortcut to your favorite messaging application. You can reprogram the key at any time.
- Voicemail key allows you to quickly access your voicemail. Press and hold this key for two seconds to automatically dial your voicemail's phone number.
- 6. Alphanumeric keys allow you to enter numbers, letters, and some special characters.
- 7. Special Function keys allow you to activate unique features while in Idle mode. In Idle mode, if you press and hold the * key, the keypad locks. In Idle mode, if you press and hold the # key, you can toggle between the Vibration profile and Normal profile.
- 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.
- Cancel/Clear key in Menu mode, this key returns you to the previous menu level. In text editing mode, this
 key deletes characters.
- 10. 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.
- 11. Right Soft key allows you to select soft key actions or menu items. The option for the soft key displays on the bottom, right portion of the screen. It provides quick access to the web2go feature.
- 12. OK (Select) key allows you to accept the choices offered when navigating through a menu.
- 13. Navigation key scrolls through the phone's menu options and acts as a shortcut key from Idle mode. In Idle mode:
 - Up key: allows you to directly access the Call history.
 - Down key: allows you to directly access Contacts.
 - Left key: allows you to create a message.
 - Right key: allows you to create an Audio postcard.
- 14. Display shows all the information needed to operate your phone, such as the received signal strength, phone battery level, and time.

This phone also offers the convenience of a slide out QWERTY keyboard. To open the phone to access the keyboard, rotate the phone 90 degrees to the left. Slide the top section of the phone up to open, as shown.



To view the display in landscape mode and access the keyboard, slide the phone open as show.

Camera View of Your Phone

The following illustration shows the back of the phone.



- 1. Camera lens allows you to aim and shoot a picture using the camera.
- 2. Speaker allows you to hear the camera sounds and music played on the phone.

Side Views of Your Phone

The following illustrations show the external elements of your phone



- 1. Phone anchor allows you to connect a strap with which to carry the phone. Remove the back battery cover to fully install a strap to this phone anchor.
- 2. 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.
- Power/Accessory Interface connector allows you to connect a power cable or optional accessories, such as a USB/data cable or a hands-free headset.
- 4. Camera key allows you to take pictures when you are in camera mode. It launches the camera with a press.

Display Layout

Your phone's display screen provides a wealth of information about your phone's status and options. The display has three areas:



Display

Your phone has a display on the front of the phone. From this front display you can monitor activity and status of your phone such as signal strength and battery levels. Icons display at the top of the screen and indicate the type of incoming call or message, and also displays any alarms for the specified time. The display also shows the current time on a digital clock.

The backlight turns on when an icon displays on the screen. The Missed messages tab also displays on this screen. For more information, refer to "Missed Messages Tab" on page 39.

Faves

Your phone has a Faves application that allows you to set up fast access to 20 of your favorite contacts.

In Idle mode, press

For more information, refer to "Using Faves To Make a Call" on page 32.

Missed Messages Tab

When you receive new messages, icons display in two locations: on the phone's screen, Missed messages tab, and on the icon bar at the top of the screen.



Icons

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

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 remains.



Displays while connecting to the 3G network.



Displays when your phone is connected to the PC.



Displays when a call is in progress.



Displays when the phone is not receiving a signal.



Displays when the phone is in Airplane mode.



Displays when Bluetooth wireless technology is active.



Displays when a new text message is received.



Displays when a new voicemail is received.



Displays when a new Picture message or Audio postcard is received.



Displays when a new Email is received.



Displays when you set an alarm to ring at a specified time. For more details, see *"Alarm"* on page 100.



Displays when the Call Forwarding feature is active. For more details, see "Call forwarding" on page 125.



Displays when Vibration Mode is active.



Displays when sound profile is set to Driving.



Displays when sound profile is set to Outdoor.



Displays when sound profile is set to Silent.

Backlight time

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 **Backlight time** 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.

► From Idle mode, press Menu → Settings → Personalize → Display settings → Backlight time and press 🔳 .

The On setting is how long the keypad backlight is on. You can select 5 seconds, 15 seconds, or 30 seconds.

- 1. Highlight the **On** field and press **I**.
- 2. Select the amount of time you want the backlight to stay on and press 💽 .

The **Dim** option is how much longer after the keypad backlight goes off that the display remains lit. You can select **Off, 5 seconds, 15 seconds, or 30 seconds**.

- 1. Highlight the Dim field and press 🔳 .
- 2. Select the amount of time you want the phone to delay before the phone dims and press

Section 3: Menu Navigation

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

Menu Navigation

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.

Menu Design

The first time you turn on the phone your main menu displays as a Circle menu. Use this option to configure the display so that the Circle or Grid menu displays.

From the Settings → Menu design menu, highlight Circle menu or Grid menu and press the Select soft key or ■.

Your Main menu displays in either Circle or Grid menu layout.



Circle menu



Grid menu

Accessing a Menu Function by Scrolling

- 1. In Idle mode, press Menu.
- Scroll using the Navigation keys to reach a main menu (for example: Settings). Press the Select soft key or
 to enter the menu.
- If the menu contains sub-menus, (for example, Personalize), after highlighting the sub menu, press the Select soft key or

If the menu you 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 one .
- 6. To return to the previous menu level, press the Back soft key.
- 7. To exit the menu without changing the settings, press 💿.

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, press the corresponding number keys (1 to 0) to access any one of the shortcuts.

Example: Accessing the Security menu.

- 1. Press the Menu soft key.
- 2. Press 4 GHT for Settings.
- 3. Press **EREC** for **Personalize**.
- 4. Press **BDEF** for **Phone settings**.
- 5. Press 4 GHI for Security.

Section 4: 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.

Making a Call

When the idle screen displays, enter the number you want to dial and press

Note: When you activate the Auto redial option in the Auto redial 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 voicemail.

Making an International Call

- Press and hold the ± key. The + character displays.
- 2. Enter the country code, area code, and phone number.

Correcting the Number

- 1. Press C to clear the last digit displayed.
- 2. Press the Left or Right Navigation key until the cursor is immediately to the right of the digit to clear and then

press C to clear any other digit in the number. You can also enter a missing digit.

3. Press and hold the **C** key to clear the entire display.

Ending a Call

Briefly press shen you want to end your call.

Redialing the Last Number

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

To recall any of these numbers:

- 1. If you typed characters on the display, press 💿 to return to Idle mode.
- 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 call time for this number press

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

- Call: allows you to call the selected number.
- Send message: allows you to send a Message or Audio postcard to the number.
- Delete: allows you to delete the selected number or All call records.
- View contact details: displays the details for the selected contact such as the contact name and phone number. (This option displays only if the number is stored in Contacts.)
- Save to contacts: saves the selected contact in Contacts. (This option only displays if the number is not stored in Contacts).
- 5. Press 🕞 to dial the number.

Making a Call from Contacts

You can store regularly used phone numbers into the phone's memory (Contacts).

Once you store a number in Contacts, you can press only a few key to dial the stored number. By using the Speed Dial feature you can also assign your most frequently-used numbers to number keys.

For further details about Contacts, see "People" on page 62.

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 Up volume key to increase the volume level and the Down volume key to decrease the level. In Idle mode, you can also adjust the ring volume using these keys.

Important!: For safety information related to Call Volume see "Responsible Listening" on page 140.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image, if the image is stored in Contacts.

The caller's phone number, or name if stored in Contacts, displays.

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

Tip: If the Any key answer option in the Settings → Call settings → Answering mode menu is activated, you can press any key to answer a call except for the result (b) key and the Reject soft key.

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

2. Press 🐨 to end the call.

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

Call history

All missed, dialed and answered calls are listed in the Call history.

1. In Idle mode, press Menu \rightarrow Call history and press the Select soft key or \square to enter the menu.

– or –

Press the Up Navigation key.

Tip: Scroll Left or Right to access, All calls, Missed calls, Dialed calls, Answered calls, and Voice mail.

The following Call history options are available:

All calls

This menu lets you view the 90 most recent calls you received, dialed, and missed.

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

Tip: Scroll Left or Right to access, All calls, Missed calls, Dialed calls, Answered calls, and Voice mail.

Missed calls

This menu lets you view the 30 most recent calls you received, but did not answer. The name and number, if already stored in your Contacts list, 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 on the Missed Call tab, immediately after a call is missed.

To view a missed call immediately:

1. If the display is off, press the volume key to turn on the display.

The Missed Call tab displays the last missed call.

– or –

 Press the Up Navigation key to view the Call history, then press the Right Navigation key to view the Missed calls.

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. Press 🔁 to call the displayed number.

Press et display call details.

- 5. Press the **Options** soft key for the following options:
 - Call: allows you to call back the missed caller.
 - · Send message: allows you to send a Message or Audio postcard to the recipient.
 - Delete: allows you to delete the selected number or delete all call records.
 - View contact details: displays the name and phone number of the missed call. (This option displays only if the number is stored in Contacts.)
 - Save to contacts: allows you to save the selected number to the Contacts list. Note: This option displays if the number is not
 already saved to the Contacts list.

Note: You can press 💿 at any time to exit the Missed calls feature.

⁻ or -

Dialed calls

This menu allows you to view the 30 most recent calls you dialed. The name and number, if already stored in Contacts, displays with the number of occurrences for each number.

Answered calls

This menu allows you to view the 30 most recently answered calls. The name and number, time and date, displays with the number of occurrences for each number.

Voice mail

This menu lets you view the 30 most recent voicemail calls you received.

Delete all

There are two ways to delete all of the records at one time.

- 1. Press the Up Navigation key to display the Call history menu.
- Press Options → Delete → All and press and press
- 3. At the Delete all? screen, press Yes to delete all calls or No to cancel.

– or –

- 1. From Idle mode, press Menu → Settings → Call settings → Call history management.
- 2. Select Delete all history and press the Select soft key or or .
- 3. Highlight options, then press 💼 to place a check mark next to each selection.
 - All calls: deletes all call history.
 - Missed calls: deletes all missed call history.
 - Dialed calls: deletes all dialed call history.
 - Answered calls: deletes all answered call history.
 - Voice mail: deletes all voice mail history.
- 4. Press Delete to delete the selected records.

Vibration profile

Vibration profile is convenient when you want to stop the phone from making any noise (in a theater for example).

In Idle mode, press and hold the **#S** key until the **"Vibration profile on**" message and the Vibration profile icon ((**|**)) displays. Using Vibration profile, instead of sounds, your phone vibrates.

To exit and reactivate the previous sound settings, press and hold the #st key again until the "Normal profile on" message displays.

Selecting Functions and Options

Your phone offers a set of customizable functions. These functions are arranged in menus and sub-menus, and 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.



Selecting Options

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

- 1. Pressing the appropriate soft key.
- 2. Selecting the displayed function or the highlighted option, by pressing the Select soft key or
- 3. Viewing the next function or highlighting the next option on a list, by pressing the Down Navigation key.
- 4. Moving back to the previous function or option on a list, by pressing the Up key.

- 5. Moving back up one level in the menu structure, by pressing the **Back** soft key.
- 6. Pressing 💿 to exit the menu structure without changing the settings.

In some functions, you are asked for a password or PIN. Enter the correct code and press the OK soft key or

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.

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 want 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 a. The other person can no longer hear you. The Mute icon (G₄₁) displays on the left above the name or number of the caller.

To switch the microphone back on:

Press
 The other person can hear you again.

Putting a Call on Hold

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

To place a call on hold:

- 1. Press the Options soft key, highlight the Hold option, then press the Select soft key or or .
- 2. Press the Resume soft key to reactivate the call.

To make a new call while a call is in progress:

- 1. Press Options \rightarrow New call and press the Select soft key or \square .
- 2. Enter the new phone number that you want to dial or press Search to look up the number.

3. Press Call to call the second number.

When there is 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 call on hold.

To switch between the two calls:

- 1. Press the **Options** soft key, select **Swap**, and press **a**. 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 r when you are finished or want to end the call.

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 see "Responsible Listening" on page 140.

Searching for a Number in Contacts

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

Press the Options → Contacts and press
 The Contacts screen displays.

With the Contacts entries displayed:

Enter the name that you want to find in the textbox located above the entries. If you enter the first few letters of the name, the Contacts entries display, starting with the first entry that matches your input.

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

3. To view the highlighted entry, press View. The Contact information displays.

Tip: For further details about Contacts, see "Finding a Contact Entry" on page 63.

Call Waiting

The **Call waiting** option must be set to **Activate** before you can answer an incoming call while another call is in progress.

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

To answer a new call while another call is in progress:

- 1. Press either the Accept soft key or raise to answer the incoming call. The first call is automatically put on hold.
- To switch between the two calls, press the Options soft key, highlight Swap and press the Select soft key or
- To end a call on hold, press Options → End → Active call, Held call, or All calls and press and press
- 4. To end the current/remaining call, press 💿.

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 T-Mobile customer service.

Setting up a Multi-Party Call

- 1. Call the first participant in the normal way.
- 2. Press Options → New call.
- 3. Call the second participant in the normal way. The first call is automatically placed on hold.
- 4. To join the first participant to this multi-party call, press **Options** \rightarrow **Join**.

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.

Note: There are a maximum of two callers that can be joined to a single multi-party line. You cannot create two multi-party calls.

Having a Private Conversation With One Participant

When there are two participants in a multi-party session, it 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 Options → Split option.

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

 Press the Up or Down Navigation key to highlight the person with which you want to talk privately, and press the Select soft key or .

Note: You can now talk privately to that person while the other participant is on hold.

 To return to the multi-party call, press the Options → Join. The other participant can now hear your conversation.

Dropping One Participant

- 1. Press **Options** → **Split** option. The short list of call participants displays.
- Highlight the person you want to drop and select Active call, or Held call and press The remaining participant number displays.

Using Faves To Make a Call

Your phone has a Faves application that allows you to set up fast access to 20 of your favorite contacts. Once you set up your Faves, you can quickly call, share media, compose a message, and more. To start using your Faves:

- In Idle mode, press
- 2. Use the Left or Right Navigation key to cycle through your Faves. Press OK at to display the options for the selected contact.
- 3. Once you have viewed all Faves, Add Fave is displayed. Press OK to display the Add Fave screen. Highlight Create New or Get from Contacts and press the Select soft key or to .
- 4. Display a Fave and press the **Options** soft key to edit or remove the Fave.
- 5. Press 🐨 to return to the Idle mode.

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.

Using the QWERTY Keyboard

This phone also offers the convenience of a slide out QWERTY keyboard. Using the QWERTY keyboard, you can type letters, numbers, punctuation, and other special characters into text entry fields or other applications simpler and faster than using the telephone keypad.

The following keys perform special functions when entering text:



- 1. Alt allows you to use characters displayed at the top of the QWERTY keys. Examples: \$, @, #, !
- WWW./.COM inserts the www. or .com when entering a URL in the browser, or when logging in to Instant Messenger.
- Symbol/Shift press the Alt key and this key to display the Symbols page. Choose from an extensive list of
 symbols and other character sets. Shift converts the alphabetic character into uppercase. Changes the text
 input mode to Upper/Lower case mode.
- Left Soft Key allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen. In Idle mode, the Left soft key also provides quick access to the Menu.
- 5. Space inserts an empty space.
- Right Soft key allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. In Idle mode the Right soft key also provides quick access to web2go.
- 7. Period/Less-than symbol inserts a period or less-than symbol.
- 8. OK (Select) key allows you to accept the choices offered when navigating through a menu.
- 9. Navigation key scrolls through the phone's menu options and acts as a shortcut key from Idle mode. In Idle mode:
 - Up key: allows you to directly access the Call history.
 - Down key: allows you to directly access Contacts.
 - Left key: allows you to create a message.
 - Right key: allows you to create an Audio postcard.
- 10. Enter moves the insertion point to the next line in a message.

The keyboard provides dual-use keys labeled with alphabetic characters on the lower half and numbers and symbols on the upper half. Press the key corresponding to the character you want to enter.

Changing the Text Input Mode

When using your phone, you often need to enter text, such as when storing a name in Contacts, 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:

- ABC: this mode allows you to enter letters by pressing the key labeled with the corresponding letter.
- **T9 (English)**: 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, you press **Example**, to 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 fewer keystrokes than the traditional ABC mode.

- Numeric: this mode allows you to enter numbers. (Numeric displays on the external screen only).
- Symbol: this mode allows you to enter symbols, such as punctuation marks.

Note: When you are in a field where you can enter characters, the text input mode indicator displays at the bottom right of the screen.

Example: Writing a text message.





Create Text Message Portrait

1. Press the **Right** soft key to change the text input mode.

Important!: The handset does not maintain text input mode settings when switched from portrait to landscape mode.

The following options are available in Portrait and Landscape mode:

- ABC
- T9 (English)
- Numeric

- Symbol
- Enter text in the text message box using the selected text input mode when the Text input mode indicator that you desire displays.

Using ABC mode

With the phone slider closed, to use ABC mode, use the letter keys to enter your text.

- 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.
 - To enter periods, hyphens, apostrophes, and other special characters, press and hold the *
 key
 then press the key that contains the associated symbol.
 - To shift case in ABC mode, press # 44 , then press the letter key.

Note: You can move the cursor by using the Navigation keys.

To delete letters:

Press C . Press and hold the C key to clear the display.

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

Keys

By default, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase (unless the key is used). After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

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

1 <u>.</u> ,	.@,:?-!'/1	7 PQR5	PQRS7 (pqrs7)
2 явс	ABC2 (abc2)	😫 ТОУ	TUV8 (tuv8)

BDEF	DEF3 (def3)	S ww	WXYZ9 (wxyz9)
4 бНІ	GHI4 (ghi4)	o ±	insert a space Press and hold to insert zero.
5 JKL	JKL5 (jkl5)	# <i>₫</i>	Press to shift case. Press and hold to insert #.
6 MNO	MNO6 (mno6)		

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. While in the T9 mode, press any one of the letter keys to enter a word. Press each key only once for each letter.

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

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

- Enter the whole word before editing or deleting the keystrokes. 2.
- Press **D** ± to insert a space and begin entering the next word. 3.

To enter periods, hyphens, apostrophes, and other special characters press (III) then press the key that contains the associated symbol.

To shift case in T9 mode:

► Press # st

There are 3 cases: Capital lock. Initial capital, and Lower case.

Tip: You can move the cursor by using the Navigation keys.

To delete characters:

Press C. Press and hold the C key to clear the display.

Using Numeric Mode

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

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 * a until the symbols display on the screen, or press the Right soft key and select Symbol.
- 2. Press the corresponding number key to select a symbol then select the OK soft key.
- 3. Press the Navigation keys to display more symbols.
- 4. Press the **c** key to clear the symbol(s). When the input field is empty, this key returns the display to the previous mode.
- 5. Press the **OK** soft key or **Constant** to insert the symbol(s) into your message.

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:

- Text Message
- · Picture Message
- Email message
- · Audio postcard
- · Instant Message
- Voicemail

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 17.)

Message Icons on the Icon Line

The $\sum_{i=1}^{\infty}$ icon is displayed at the top of the screen when a new text message is received. The $\sum_{i=1}^{\infty}$ icon is displayed when a new Picture message or Audio postcard is received. The $\sum_{i=1}^{\infty}$, icon is displayed when a new Email message is received. The \bigcirc icon is displayed when a new Voicemail message is received.

Missed Messages Tab

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



These View tabs display:

- Text message
- · Missed Calls
- Voicemail
- · 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 **Connect**, **Call**, or **View** soft key.

Text Messages

Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones.

The Message icon ($[\searrow]$) displays when you receive 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.

Create message

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

Creating a Simple Text Message

- In Idle mode, press Menu → Messaging → Create message → Message and press the Select soft key or
- 2. Highlight the Recipients field and press
- 3. Select one of the following options:
 - Recent recipients: allows you to select a number or an address from the last 10 destinations you entered.
 - · Contacts: allows you to enter the phone number you want from your Contacts list.
 - Groups: allows you to select a group.
 - or –

Enter a phone number in the recipients field.

4. Press the Down Navigation key and create your message.

Note: For further details about entering characters, see "Changing the Text Input Mode" on page 34. The message can be up to 15 pages long.

- 5. Press the **Options** soft key when you finish entering your message. The following options are available:
 - Add recipients allows you to add Recent recipients, Contacts, or Groups.
 - Insert allows you to insert from the Text template, Text emoticon, Contacts, or Bookmarks. The Text template allows you to apply
 one of the preset message templates to the text. Select one of the 11 items stored in the Text messages Template menu.
 Emoticons allow you to insert an emoticon into your message. Contacts allows you to add names and phone numbers to your
 message. Bookmarks allows you to add Internet addresses to your message.
 - Add attachment: allows you to attach a File, Name card, Appointment, Anniversary, Private, Holiday, Important, Tasks, Memo, or Bookmarks to your message.
 - Copy & Paste: allows you to turn on the text selection feature so you can cut, copy, and paste text in this message.
 - More:
 - Add page: allows you to add a page, for example, another image or sound clip to the message.
 - Add subject: inserts a subject field and text into the message.

- Sending options:
 - Reply path: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
 - Request delivery report allows you to activate or deactivate the report function. When this option is enabled, the network informs you whether your message was delivered.
- Select language: allows you to set the language to English, Français, or Español.
- Save to: allows you to save this message to Drafts or Templates.
- Exit composer: exits the composer.
- 6. Press 💼 to send this message.

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 → Messaging → Create message → Message and press the Select soft key



Tip: Quickly change the message type to Picture message by pressing the Down Navigation key and select Record sound, Add sound, Add picture, Take picture, or Add video, then advance to step 2.

2. Enter a phone number in the recipients field.

– or –

Highlight the **Recipients** field and press and select one of the following options:

- Recent recipients: allows you to select a number or an address from the last 10 destinations you entered.
- Contacts: allows you to enter the phone number you want from Contacts.
- Groups: allows you to select a group.
- Online Album: allows you to send the picture message to your Online Album. Note: This option displays after you add an
 attachment.
- 3. Press the **Down** Navigation key and create your message.

Note: For further details about entering characters, see "Changing the Text Input Mode" on page 34. The message can be up to 15 pages long.

- 4. Press the Options soft key when you finish entering your message. The following options are available:
 - Preview: allows you to preview the message prior to sending. Note: This option displays after you enter text or attach an image file.
 - Add recipients: allows you to add Recent recipients, Contacts, Groups, or Online Album.
 - Insert: allows you to insert from the Text template, Text emoticon, Contacts, or Bookmarks. The Text template allows you to
 apply one of the preset message templates to the text. Select one of the 11 items stored in the Text messages Template
 menu.
 Emoticons allow you to insert an emoticon into your message. Contacts allows you to add names and phone numbers to your
 message. Bookmarks allows you to add Internet addresses to your message.
 - Add attachment: allows you to attach a File, Name card, Appointment, Anniversary, Private, Holiday, Important, Tasks, Memo, or Bookmarks to your message.
 - View attachment: allows you to view any attachments that have been added. Note: This feature displays only if you have added attachments to this message.
 - Copy & Paste: allows you to turn on the text selection feature so you can cut, copy, and paste text in this message. Note: This feature displays only after you enter text into the message.
 - More:
 - Add page: allows you to add a page, for example, another image or sound clip to the message.
 - Add subject: allows you to add a subject to this message.
 - Edit style: allows you to change the background color, page duration, font color, or font style on the selected page or all pages.
 - Sending options: allows you to set the Priority, Expiration, Request delivery report, Request read report, and Keep a copy options.
 - Select language: allows you to set the language to English, Français, or Español.
 - Save to: allows you to save this message to Drafts or Templates.
 - Exit composer: exits the composer and displays the Create new screen.
- 5. Press the Down Navigation key and select one of the following icons:
 - Record sound: allows you to record a voice note to attach to this message.
 - Add sound: allows you to attach a sound file or voice list and attach it to this message.
 - Add picture: allows you to attach an image from the Images, Downloaded images, or Photos folder.
 - Take picture: activates the camera so you can take a picture and attach it to this message.
 - Add video: activates the camcorder so you can take a video and attach it to this message.
- 6. Press 💼 to send this message.

Message Inbox

The Message inbox stores received messages. You can tell what kind of message was received by the icon displayed. If the icon envelope is open then the message was read, otherwise a closed envelope displays.

The following types of messages may display in the Message inbox:

- Text message
- · Picture message
- · Audio Postcard message

When you enter the Message inbox, the list of messages displays with the sender's phone numbers, or names, if available in Contacts. After you read the message, the open envelope icon displays.

Tip: Press the Left or Right Navigation keys to scroll between Message inbox, Email, Sentbox, and Drafts.

► In Idle mode, press Menu → Messaging → Message inbox and press the Select soft key or select and press the Select soft key or select soft ke

Viewing a Text Message from the Message Inbox

- 1. In Idle mode, press Menu → Messaging → Message inbox and press the Select soft key or a
- 2. Select a text message from the list and press the Options soft key.

The following options display:

- Reply: allows you to send a reply to the sender by sending a message.
- Call back: allows you to call back the missed caller.
- Forward: allows you to forward the text message to another person.
- Save to Contacts: allows you to save the contact information to your Contacts list. This option displays only when the number
 does not reside in the Contacts list. This option displays only if the contact does not already reside in the Contacts list.
- Delete: deletes the Selected, Multiple, or All text messages.
- More:
 - Move to phone/SIM card: allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
 - Sort by: allows you to sort messages by Read/Unread, Date, Sender, Type, Subject, Size, and Lock/Unlock.
- 3. Press at to read the message contents.

4. Press the Up or Down Navigation key to scroll through the contents.

Press the **Options** soft key while reading a text message to display the following:

- Call back: allows you to call back the missed caller.
- Forward: allows you to forward the text message to another person.
- Save to Contacts: allows you to save the contact information to your Contacts list. This option displays only when the number
 does not reside in the Contacts list. This option displays only if the contact does not already reside in the Contacts list.
- Delete: deletes the Selected message.
- Lock/Unlock: when messages store to the phone, this option allows you to lock the message to prevent deletion, or unlock it to allow deletion.
- Save to Templates: allows you to save the selected message as a Text Message template.
- More:
 - Move to phone/SIM card: allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
 - Move to my folders: when messages store to the phone, this option allows you to move the picture message to a personal folder.
 - Print via Bluetooth: allows you to print the message using a Bluetooth enabled printer.

Viewing a Picture Message from the Message Inbox

- 1. In Idle mode, press Menu → Messaging → Message inbox and press the Select soft key or 📷 .
- 2. Select a picture message from the list and press the **Options** soft key.

The following options display:

- Reply: allows you to send a reply to the sender by sending a message.
- Call back: allows you to call back the recipient.
- Forward: allows you to forward the text message to another person.
- Delete: deletes the Selected, Multiple, or All messages.
- Lock/Unlock: allows you to lock the picture message to prevent deletion, or unlock it to allow deletion.
- More:
 - Move to my folders: allows you to move the picture message to a personal folder.
 - Sort by: allows you to sort messages by Read/Unread, Date, Sender, Type, Subject, Size, and Lock/Unlock.
 - Properties: allows you to view the message properties such as Date, From, To, Size, Priority, Delivery report, and Read report.

- 3. Press at to view the message contents.
- 4. Press the Options soft key while viewing a picture message to display the following:
 - Reply: allows you to send a reply to the sender by sending a message.
 - Call back: allows you to call back the recipient.
 - Forward: allows you to forward the text message to another person.
 - Replay: allows you to replay the message.
 - Save to Contacts: allows you to save the contact information to your Contacts list. This option displays only when the number
 does not reside in the Contacts list. This option displays only if the contact does not already reside in the Contacts list.
 - Delete: deletes the selected message.
 - Save media: allows you to save the attached media to the Phone or Memory card.
 - Lock/Unlock: allows you to lock the picture message to prevent deletion, or unlock it to allow deletion.
 - Save to Templates: allows you to save the selected message as a Picture Message template.
 - More:
 - Move to my folders: allows you to move the picture message to a personal folder.
 - Print via Bluetooth: allows you to print the message using a Bluetooth enabled printer.
 - Properties: allows you to view the message properties such as Date, From, To, Size, Priority, Delivery report, and Read report.

Listening to an Audio Postcard from the Message Inbox

- 1. In Idle mode, press Menu → Messaging → Message inbox and press the Select soft key or a
- 2. Select an Audio Postcard if from the list and press the Options soft key.

The following options display:

- Reply: allows you to send a reply to the sender by sending a message.
- Call back: allows you to call back the missed caller.
- Forward: allows you to forward the audio message to another person.
- Delete: deletes the Selected, Multiple, or All audio messages.
- Lock/Unlock: allows you to lock this message to protect it from deletion or unlock it to allow deletion.

- More:
 - Move to my folders: allows you to move the selected Audio postcard to a personal folder.
 - Sort by: allows you to sort the audio messages by Read/Unread, Date, Sender, Type, Subject, Size or Lock/Unlock.
 - Properties: displays the properties associated with this Audio postcard such as: Date, From, To, Size, Priority, Delivery report, and Read report.
- 3. Press 💼 to listen to the message.
- 4. Press **Stop** to stop listening to the message.
- 5. Press Options to display the following:
 - Reply: allows you to send a reply to the recipient by sending a message.
 - Call back: allows you to call back the missed caller.
 - Forward: allows you to forward the audio message to another person.
 - Replay: replays the Audio postcard message.
 - Save to Contacts: allows you to save the contact information to the Contacts list.
 - Delete: deletes the currently selected audio postcard message.
 - Save media: allows you to save the attached media to the Phone or Memory card.
 - Lock/Unlock: allows you to lock this message to protect it from deletion or unlock it to allow deletion.
 - Save to Templates: saves the current audio postcard message to the current list of preset message templates.
 - More:
 - Move to my folders: allows you to move the selected Audio postcard to a personal folder.
 - Print via Bluetooth: allows you to print the message using a Bluetooth enabled printer.
 - Properties: displays the properties associated with this Audio postcard such as: Date, From, To, Size, Priority, Delivery report, and Read
 report.
- 6. Press Options → Reply to create a message for this sender.

Social Buzz

When you first open this application the Status screen displays. After login to your social networking applications (Twitter, Facebook, or MySpace), status updates display automatically in the top box for any of your friends for each of these applications. Your Facebook status displays your status automatically as you post. You can view a stream of updates from friends, as well as your inbox or wall.

Important I: Charges may apply when using social network applications.

► From Idle mode, press Menu → Messages → Social Buzz and press .

For more information, refer to "Social Buzz" on page 65.

Voicemail

This menu helps you access your voice mailbox, if provided by your network. You can also setup Visual Voicemail from this menu.

- 1. From Idle mode, press Menu → Messaging → Voicemail and press the Select soft key or the select soft key.
- At the prompt, press Yes if you want to activate Visual Voicemail (VVM), or No to reject VVM. The following
 options display:
 - · Reply: allows you to call or send message to sender.
 - Delete: deletes the selected or multiple voicemail messages.
 - · Forward via: allows you to forward via Message, Email.
 - Save in contacts: allows you to save number to Contacts.
 - Copy to: allows you to copy voice sound to phone or memory card.
 - Sort by: allows you to sort the woicemail by Date, Sender, Played, or Duration.
 - Voicemail settings: allows you to record a greeting, change your PIN, or activate the voicemail feature.
 - Call voicemail: dials the voice mailbox.
 - Sync now: synchronizes with the voicemail inbox and displays recent voicemail messages.
 - · Back: displays the previous screen.

When you select Yes to activate Visual Voicemail, the Visual Voicemail web page displays.

Important!: Before using the Voicemail feature, you must enter the voice server number obtained from T-Mobile customer service in the Voice server number field.

3. Press Enable Visual Voicemail to activate the feature for the first time.

Note: Voicemail is a network feature and charges may apply. Please contact T-Mobile's customer service for further details.

- · Voicemail settings: allows you to record a greeting, change your PIN, or activate the voicemail feature.
- Call voicemail: dials the voice mailbox.
- Sync now: synchronizes with the Visual Voicemail inbox.
- 4. Follow the voicemail prompts.

Voicemail settings

1. From Idle mode, press Menu → Messaging → Voicemail.

Important!: You must activate your account to use this feature.

- 2. Press Options → Voicemail settings.
- 3. Select Record greeting, Change PIN, or Activate now.

Setting up Visual Voicemail

- 1. From Idle mode, press Menu → Messaging → Voicemail and press the Select soft key or the select key.
- 2. At the prompt, press the Yes soft key if you want to activate Visual Voicemail.
- 3. Press Yes at the prompt to activate this feature.

Email

From Email you can view received email messages.

The first time you select **Email** a Welcome message displays. From here you can configure your phone to receive email.

ImportantI: When you create an email account, the default setting for SSL options may be different, depending on the service provider. If you experience any issues with your email account and cannot access or use it, confirm whether your service provider supports an SSL connection (Secure Socket Layer).

Exchange Email

Use the following procedure to configure your phone to synchronize with a corporate email account.

Before you begin synchronizing, record the server and URL address of the Exchange server, your Exchange account user name, and your Exchange account password. You also need to know the domain name for the Exchange server, and whether to use SSL encryption.

- From Idle mode, press Menu → Messaging → Exchange email. The Exchange email Tutorial screen displays.
- 2. Press Next to continue the tutorial, or Manual to begin setting up the account.
- 3. Enter the appropriate information on the Server settings screen and press Save to save your configuration.

Audio Postcard

In this menu you can select a frame, take a picture and then record a voice message up to one minute long and send it as an Audio Postcard.

- 1. In Idle mode, press Menu → Messaging → Audio postcard.
- Press the Down Navigation key (portrait mode) or Right Navigation key (landscape mode) to select an audio postcard frame.
- 3. Prior to capturing the picture you can press the Menu soft key and change the Camera settings. Options are:
 - Camera mode: automatically defaults to camera mode while creating an Audio postcard.
 - Size: displays the fixed image size (320x240).

- Timer: allows you to set a time delay before the camera takes the photo. Select the length of delay you want (Off, 2 seconds, 5 seconds, or 10 seconds). When you press the **Camera key** or **Ea** key, the camera takes the photo after the specified time elapses.
- Choose Frame: allows you to select an audio postcard frame.
- Night mode: allows you to turn Night mode On or Off.
- White balance: allows you to set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- Effects: allows you to change the color tone or apply special effects to the photo. Selections are: None, Black and white, Sepia, Negative, or Watercolor.
- Settings:
 - Photo: allows you to view the Quality of the Photo.
 - Setup: allows you to configure Shutter sound and Default storage.
- Hold the phone in landscape mode, and center a subject in the frame, then press the Camera key or take a photo for the postcard.

The photo saves to the Photos folder.

- 5. Press content to add a voice note to this postcard.
- 6. Press the Stop soft key when you are finished recording the voice message.
- 7. Press and enter a phone number into the Recipient list, or press 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.
 - Contacts: allows you to enter the phone number you want from Contacts.
 - Groups: allows you to send this audio postcard to a group.
 - Online Album: allows you to save this Audio Postcard to an Online Album.
- 8. Press the Select soft key and continue adding additional recipients.
- 9. Press control to send the audio postcard.

Instant Messaging (IM)

Instant Messaging is a way of sending short, simple messages that are delivered real time to users online.

Before using this feature, you need to subscribe to a messenger service. Your handset has 3 pre-loaded Messaging services (AIM, Windows Live Messenger, and Yahoo!). This message box stores messages that you may want to edit

- 1. From Idle mode, press Menu → Messaging → IM.
 - or -

From Idle mode, press **Menu** \rightarrow **IM and E-mail** \rightarrow **IM** (if you are using the Grid menu mode).

- 2. Select an account, and press the Select soft key or
- Enter a user ID and password information. 3.
- Press not place a check mark next to Save password, Automatic sign-in, or Sign In as invisible, and press 4. the Down Navigation key until Sign In displays.
- 5. Press **o** to sign in.

Note: Contact T-Mobile customer service for further details.

Sentbox

This message box stores sent messages.

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

1. In Idle mode, press Menu \rightarrow Messaging \rightarrow Sentbox and press the Select soft key or

Note: Press the Left or Right Navigation keys to scroll between Message inbox. Email. Sentbox. and Drafts.

- Select a message from the list and press **m** to view or play the message contents. 2.
- To scroll through the contents, press the Up or Down Navigation keys. 3.

- 4. Press **Options** and select one of the following options:
 - Delete: deletes the Selected, Multiple, or All messages.
 - Lock/Unlock: allows you to lock the selected message to protect it from deletion, or unlock it to allow deletion.
 - Save to Templates: saves the selected message to the text or picture message templates folder (depending on the message type selected).
 - More:
 - Move to phone/SIM card: allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
 - Move to my folders: allows you to move the selected Audio postcard to a personal folder.
 - Print via Bluetooth: allows you to print the message using a Bluetooth enabled printer.

If viewing a Picture message the following options display:

- Forward: allows you to forward the picture message to another person.
- Replay: allows you to replay the message.
- Delete: deletes the Selected message.
- Save media: allows you to save the attached media to the Phone or Memory card.
- Lock/Unlock: allows you to lock the picture message to prevent deletion, or unlock it to allow deletion.
- Save to Templates: allows you to save the selected message as a Picture Message template.
- More:
 - Move to my folders: allows you to move the selected message to a personal folder.
 - Print via Bluetooth: allows you to print the message using a Bluetooth enabled printer.
 - Properties: displays the properties for the selected message including: Date, From, To, Size, Priority, Delivery report, and Read report.

Drafts

This message box stores messages that you can edit or send at a later time.

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

1. In Idle mode, press Menu → Messaging → Drafts and press the Select soft key or

Note: Press the Left or Right Navigation keys to scroll between Message inbox, Email, Sentbox, and Drafts.

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

The following options display:

- Send: sends the message to Recent recipients, Contacts, or Groups.
- Delete: deletes the Selected, Multiple, or All draft messages.
- Lock/Unlock: locks the selected message to protect it from deletion, or unlocks the message to allow deletion.
- More:
 - Move to my folders: allows you to move the draft to a personal folder.
 - Sort by: allows you to sort the messages stored in this folder by Date, Recipient, Type, Subject, Size, and Lock/Unlock.
- 3. Press st to edit the message contents.
- 4. Press the **Options** soft key while viewing a message to display the following:

Note: Some options apply to Text messages, and other options apply to Picture messages only.

- Preview: allows you to preview the selected message. Note: This option displays only when viewing a picture message.
- Add recipients: allows you to add Recent recipients, Contacts, Groups, or send the message to your Online Album (when this is a picture message).
- Insert: allows you to insert a Text template, Text emoticon, Contacts, or Bookmarks into the selected message prior to sending.
- Add attachment: allows you to add a File, Name card, Appointment, Anniversary, Private, Holiday, Important, Tasks, Memo, or Bookmarks to this message.
- Copy & Paste: allows you to turn on the text selection feature so you can cut, copy, and paste text in this message. Note: This
 option works only in text message mode.
- More:
 - Add page: allows you to add a page, for example, another image or sound clip to the message.
 - Add subject: allows you to add a subject to the selected picture message.
 - Edit style: allows you to change the background color, page duration, font color, or font style on the selected page or all pages.
 - Sending options: these options vary depending on the type of message:
 - Reply path: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.

- Priority: select the priority level of your messages.
- Expiration: select the length of time you want the message to remain on the MMS server.
- Request delivery report: allows you to activate or deactivate the report function. When this option is enabled, the network
 informs you whether your message was delivered.
- Request read report: when this option is enabled, your phone sends a request for a reply along with your message to the recipient.
- Keep a copy: specify whether you want to keep a copy of the sent messages on your phone.
- Select language: allows you to set the language to English, Français, or Español.
- Save to: allows you to save this message to the Drafts or Templates folder.
- Exit composer: allows you to exit the edit feature and return to the Drafts folder.
- 5. Press 💼 (while viewing the message) to send the message.
- 6. Press 🐨 to return to the Idle screen.

My Folders

Use My Folders to manage and organize your messages and store them on your phone.

▶ 1. In Idle mode, press Menu → Messaging → My folders and press

To create a new folder:

- 1. Press Create.
- 2. Enter the title of the folder and press the **OK** soft key.

The newly created folder displays on the My folders screen.

Templates

Besides entering message text using the keypad keys, you can speed message composition by including copies of stored text (Templates) in your message.

▶ In Idle mode, press Menu → Messaging → Templates and press the Select soft key or _____.

The following options are available:

- Text message templates
- Picture message templates

Sending a Text message template

- In Idle mode, press Menu → Messaging → Templates → Text message templates and press the Select soft key or
- 2. Select a template from the Templates list and press 📷 to send this selected template.
- 3. Enter a recipient in the **Recipient** field or press and select one of the following options:
 - Recent recipients: allows you to select a number or an address from the last 10 destinations you entered.
 - Contacts: allows you to enter the phone number you want from Contacts.
 - · Groups: allows you to send this message to a group.
- After selecting a recipient, press the Send soft key. The template message sends to the select recipient(s).

Sending a Picture message template

- In Idle mode, press Menu → Messaging → Templates → Picture message templates and press the Select soft key or
 Image: Select soft key or Image: Selec
- 2. Press Create.
- 3. Press the Up Navigation key and enter a subject in the Subject field.
- 4. Press the **Down** Navigation key and enter a text message.
- 5. Press the Down Navigation key and select one of the following options:
 - Record sound: allows you to record a voice note to attach to this message.
 - Add sound: allows you to attach a sound file or voice list and attach it to this message.
 - Add picture: allows you to attach an image from the Downloaded images folder.
 - Take picture: activates the camera so you can take a picture and attach it to this message.
 - Add video: activates the camcorder so you can take a video and attach it to this message.
- 6. Press et to save the picture message template.
- Press Options → Send and press

- Enter a recipient in the **Recipient** field, or press and select one of the following: 8.
 - Recent recipients: allows you to select a number or an address from the last 10 destinations you entered.
 - Contacts: allows you to enter the phone number you want from your Contacts list.
 - Groups: allows you to send this message to a group.
 - Online Album: allows you to send the selected Picture template to an Online album.
- 9. After you select a recipient, group, or Online Album press and or the Send soft key.

The template message sends to the select recipient(s), or selected destination.

Settings

The Settings menu allows you to select where your contacts are saved, delete messages by folder, or check your memory status.

In Idle mode, press Menu → Messaging → Settings and press the Select soft key or .



Messages settings

In this menu, you can set up a default text message or a picture message, configure the Text Message Center, view the Voicemail number, and configure Push messaging Receiving or Service Loading options. The last setting you accessed is automatically activated for sending subsequent messages.

▶ In Idle mode, press Menu → Messaging → Settings → Messages settings and press the Select soft key or



Text message

The following Sending Options are available:

- Reply path: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
- Request delivery report: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether your message was delivered.

Text Message Center

Sets the default method of text message transmission used by the Text message center. The options are:

- T-Mobile
- Center 2
- Center 3
- Center 4

Picture message

The following Sending Options are available:

- · Priority: allows you to set the message priority: high, normal or low.
- Expiration: allows you to select the length of time for your message to remain on the MMS server: Maximum, 1 day, 2 days, 1 week, 2 weeks, Custom time (hour).
- Message size: allows you to set a size limit for your message: 30 KB, 100 KB, 300 KB, 600 KB, or 1M.
- Request delivery report: when this option is enabled, the network informs you whether your message was delivered.
- Request read report: when this option is enabled, the network informs you when your message is read.
- Keep a copy: when this option is enabled, a copy of your message is stored.
- Add my name card: allows you to add your name card to your message.

Receiving Options

This option specifies the category of messages you want to receive and allows you to set the following:

- Send read report: when this option is enabled, your phone sends a notification back to the recipient indicating that your
 message was received.
- Send delivery report: when this option is enabled, the phone informs the network whether your message was received.
- Reject anonymous: automatically rejects messages with a category of anonymous.
- Reject advertisement: automatically rejects messages with a category of advertisement.

Auto Resize Image

- No Resize
- 100 KB
- 300 KB
- 600 KB
- 1M

Default Style

- Font color
- Font style
- Background color
- Page duration

Email

The following options are available:

Sending Options

- From
- Sending account
- Priority
- Кеер а сору
- Include body when replying
- Include attachments when forwarding
- Request read report
- Request delivery report
- Add my name card
- Add signature

Receiving options

- Download limit (100 KB, 300 KB, 500 KB, 5Mb)
- Auto polling (on, Home network only, off)
- Polling frequency (30 Minutes, 1 Hour, 3 Hours, 6 Hours, 12 Hours, 1 Day)
- Send read report
- Block address
- Block subject

Email accounts

- Create, edit or delete Email account

Email setup wizard

- Launch Email setup wizard

Voicemail

This menu displays the default phone number used for access of phone's remote voicemail.

Push message

- · Receiving options: you can specify whether to turn push message reception On or Off.
- Service loading: you can specify whether to load this service:
 - Always
 - Prompt
 - Never

Delete by folder

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

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

- 1. In Idle mode, press Menu → Messaging → Settings → Delete by folder and press the Select soft key or
- Press the Up or Down Navigation key to select a message box to clear. To delete all of your messages, select the All option.
- 3. Press 💼 to place or remove a check mark.
- 4. Press the Delete soft key to delete the marked objects.
- 5. At the Delete? confirmation prompt, mark or unmark Locked messages, Phone only, and Phone and Server.
- 6. Press Yes to delete or press Cancel to cancel.

Memory status

To view the memory status:

▶ In Idle mode, press Menu → Messaging → Settings → Memory status and press the Select soft key or 🔳 .

You can view the amount of allocated memory and the memory available for picture messages.

Note: Press the Left or Right Navigation keys to scroll between Picture message, Email, Text message, Push message, Configuration, and Voice mail.

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:

· Picture message

- Message inbox
- Sentbox
- Drafts
- My folders
- · Push message
 - Message inbox
 - My folders

- Email
 - Email
 - Sent
 Drafts
 - My folders
- Configuration
 - Message inbox
 - My folders

- Text Message (saved on the phone)
 - Message inbox
 - Sentbox
 - Drafts
 - My folders
- Voicemail
 - Inbox

This section explains how to use and manage your Contacts.

Mobile Backup

Your Contacts list is backed up by T-Mobile the first time you turn on your phone and each time you make a change to the address book.

Important!: You can view and manage all your contacts and update your Mobile Backup options at my.t-mobile.com.

Press **OK** after reading the information.

Using the Contacts List

Use the following procedures to store a new contact to your Phone.

Storing a Number in the Phone's Memory

The default storage location for saving phone numbers to Contacts is your phone's built-in memory. The first time you use the Contacts feature your phone prompt's with the following "Would you like to store a copy of your contacts on My.T-Mobile.com so you can view and manage your contacts online?" Responding with Yes copies the information stored on your SIM card to your phone's memory and then synchronizes with T-Mobile's network. After the initial use of this feature, additional, new contact information stores directly to the phone's memory and synchronizes with T-Mobile's network during predetermined, timed intervals.

- 1. In Idle mode, press Menu → People → Add new contact and press the Select soft key or
- 2. Enter a first name in the First name field. Press the Down key to tab to the next text box.

For further details about how to enter characters, see "Using ABC mode" on page 36.

- 3. Enter a last name in the Last name field.
- Use the Up or Down Navigation key to enter numbers or text in the following fields: Mobile, Home, Work, Others, Email, IM, Group, Picture ID, Ringtone, Birthday, Address, and Notes.
- 5. Press the Options soft key to:
 - Select language: allows you to select Français or Español as the language with which to display your contact.

- Add more fields: allows you to add a nickname, an additional Email address, a URL, an IM (AIM, Windows Live, or Yahoo!) identifier, DTMF, Group, an anniversary date, and additional address fields.
- Delete field: allows you to delete additional fields created with the Add more fields option.
- Cancel: cancel the Add new contact operation and return to the People menu.
- Press Save to save your selections. The number saves to your selected destination and the new contact information displays.
- 7. Press 🐨 to return to Idle mode.

Finding a Contact Entry

You can store phone numbers and their corresponding names in the phone's built-in memory (Contacts).

- 1. In Idle mode, press Menu \rightarrow People \rightarrow Contacts and press the Select soft key or \square .
- 2. Enter the first few letters of the name in the text box.

The Contacts 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 highlights.
- Once you locate the entry, press to dial the number, or press the Options soft key to access the following Contacts entry options:
 - Edit: allows you to edit the Name and number for the selected contact.
 - Send: allows you to send a message to the selected number. You may choose between Message, Audio postcard, Email, and Exchange email.
 - New contact: takes you to the Add new contact menu.
 - Call: places the call to the selected phone number.
 - Copy to phone/SIM card: copies the selected or multiple contacts to the phone or SIM card. Depends on where the contact
 was previously saved.
 - Assign speed dial: allows you to assign a speed dial key number to the selected Contacts entry.
 - Send namecard via: allows you to send your name card via Message, Bluetooth, Email, or Exchange email.
 - Delete: allows you to delete the selected name and number from your Contacts or delete multiple numbers. You are asked to
 confirm your name and number deletion by pressing the Yes soft key. To cancel, press the No soft key.
 - Print via Bluetooth: sends the contents of the selected text message to a Bluetooth enabled printer.

- Mobile backup: allows you to view the Last sync you performed, or view the About mobile backup information.
- 5. Press at to view contact information and press the **Options** soft key to view the following options:
 - Edit: allows you to edit the name and number fields in the entry. You can also add an email address and notes.
 - Send: allows you to send a message to the selected number. You may choose between Message, Bluetooth, Email and Exchange email.
 - Copy to phone/SIM card: copies the selected or all of the contacts to the phone or SIM card. Depends on where the contact
 was previously saved.
 - Send namecard via: allows you to send your name card via Message, Bluetooth, Email or Exchange email.
 - Delete: allows you to delete the selected name and number from your Contacts. You are then asked to confirm the name and number deletion by pressing the Yes soft key. Press the No soft key to cancel the deletion.
 - Print via Bluetooth: allows you to send the selected contact to a Bluetooth enabled printer.
- 6. Press Call 💼 to dial the selected number.

Dialing a Number from Contacts

Once you store phone numbers in the Contacts, you can dial them easily and quickly by using the location numbers assigned to them and listed in Contacts.

Note: If you cannot remember a location number, you must go into the Contact list menu in the People menu to search for the entry by name. For more information, refer to "Finding a Contact Entry" on page 63.

Adding a New Caller Group

- 1. In Idle mode, press Menu \rightarrow People \rightarrow Groups and press the Select soft key or \square .
- 2. Press the Options soft key and select the Add new group option.
- 3. Enter a name for the new group in the New group field and press **Options** \rightarrow Save.
- 4. Highlight the group name again and press Options → Group settings and press the Select soft key or 📷
- Highlight the Picture field and press is to create a Picture ID for this new caller group. Select from one of the following options:
 - Images: displays a list of photos from which to select as a Caller ID. You can also select Wallpapers, Downloaded images, or Faves Gallery Icons.
- 6. Highlight the **Ringtone** field and press **a** to create a ringtone for this new caller group.

- 7. Select Sounds and press the Select soft key or 💼 . You can also select a sound from the Voice list folder.
- 8. Press Options → Save when you are finished.
- 9. Press 💿 to return to Idle mode.

Editing a Caller Group

- 1. In Idle mode, press Menu \rightarrow People \rightarrow Groups and press the Select soft key or \square .
- 2. Scroll through the group list and highlight the group you want.

To edit the Caller group name:

- 3. Press Options and select Rename group.
- 4. Backspace and enter a new name for the group, then press **Options** \rightarrow **Save**.

To change the image associated with the Caller group:

- 5. Press Options and select Group settings.
- 6. Highlight Picture and press
- 7. Select an image from one of the folders.

To change the ringtone associated with the Caller group:

- 8. Press Options and select Group settings.
- 9. Highlight the Ringtone field and press
- Select a sound from the Sounds folder, press Select, then press Options → Save. Your Caller group settings save.
- 11. Press 💿 to return to Idle mode.

Social Buzz

When you first open this application the Status screen displays. After login to your social networking applications (Twitter, Facebook, or MySpace), status updates display automatically in the top box for any of your friends for each of these applications. Your Facebook status displays your status automatically as you post. You can view a stream of updates from friends, as well as your inbox or wall.

Important!: Charges may apply when using social network applications.

- 1. From Idle mode, press Menu → People → Social Buzz and press 💽 .
- 2. Press the Accept soft key when the End User License displays.

Note: The screen defaults to an Update and My Facebook Status screen.

- 3. Press the Down Navigation key to Sign in to some of the social networking services.
- 4. Press the **Down** Navigation key again to view **My Facebook** status and sign in.

The social network applications display at the top of the screen.

- Press the Left or Right Navigation key until the desired social networking icon displays, then login to the application.
- Press More once you are signed in to refresh the screen, change settings, minimize the screen, exit, or view help.
- 7. Press 🐨 to exit the application.
- 8. Press Yes when "Do you want to exit?" displays to exit this application.

Speed Dialing

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

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

Setting Up Speed Dial Entries

- 1. In Idle mode, press Menu → People → Speed dial and press the Select soft key or 💼 .
- Use the Navigation key to select the keypad number key to where you want to assign the new speed-dialing number and press the Assign soft key or
- 3. Highlight a contact entry number from the list and press the Select soft key or

- You receive a Speed dial assigned confirmation and the Speed dial menu displays the contact assigned to the number key you selected.
- 5. Press 💿 to return to Idle mode.

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

My Profile

My Profile allows you to create a virtual business card. Once completed, you can send the card to recipients as a V-card attachment.

Note: As with any profile, your profile can be associated with a group.

1. In Idle mode, press the Down Navigation key to display the Contact list.

My profile is listed at the top of the contact list and displays the name of the associated group (if applicable).

- 2. Press c view if your profile is available.
- Press
 to Edit.
- 4. Fill in the desired fields.
- 5. Press Save to save your information.

Management

To access the Management menu:

In Idle mode, press Menu → People → Management and press the Select soft key or

View contacts from

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

1. In Idle mode, press Menu → People → Management → View contacts from option and press the Select soft key

or 🗖

2. Select Phone and SIM card, Phone, or SIM card and press Save to save your selection.

Save contacts to

This option allows you to save new contacts to the SIM, Phone, or the Phone and SIM card.

- In Idle mode, press Menu → People → Management → Save contacts to option and press the Select soft key or
- 2. Select Phone, SIM card, or Ask on saving and press Save to save your selection.

Copy all to

You can copy all Contact entries to the SIM card.

Note: When storing an Address Book entry on the SIM card, only the Name, Address, and slot location are saved.

- In Idle mode, press Menu → People → Management → Copy all to option and press the Select soft key or
- Highlight Phone or SIM card and press the Select soft key or a. By default, all the entries in the Contact list on the Phone or SIM card are selected.
- 3. Highlight each contact you want to copy and press of to place a check mark next to the entry. Or highlight All and press to copy all entries.
- 4. Press Copy to copy the selected contacts to the Phone or SIM card.

Delete all

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

This option allows you to delete all your contacts from the Contacts.

Deleting all of the Contacts Entries

Perform the following procedure to delete all your entries from your phone's memory.

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

1. In Idle mode, press Menu → People → Management → Delete all and press the Select soft key or 📠

- 2. Highlight All, Phone, or SIM card and press the Select soft key or 📷
- 3. When the Delete? confirmation message displays, press the Yes soft key to delete or press No to cancel.
- 4. Press the Back soft key or 💿 to return to Idle mode.

Memory status

You can check how many names and numbers are stored in Contacts, within the Phone, SIM card, and the FDN. You can also see the current storage capacity of the memory.

- 1. In Idle mode, press Menu → People → Management → Memory status and press the Select soft key
 - or 🗖 .
- 2. Press the Back soft key or 💿 to return to Idle mode.

My 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.

- In Idle mode, press Menu → People → My number and press
 In the cursor displays in the Name field.
- Press the Down Navigation, press c to erase the current entry, and type in a new number if desired.
- 3. Press Save to save your information.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

In Idle mode, press Menu → People → Service number and press [a]. The service numbers display.
This section outlines the features of the web2go browser, which provides you wireless access and navigation to the Web using your phone.

Browser

Your phone is equipped with a browser, which provides you wireless access and navigation to the Web using your phone.

- If your phone displays the default, Circle menu, press Menu → Media → web2go and press or -
- 2. If your phone displays the Grid menu, press Menu \rightarrow web2go and press the Select soft key or \square .

Tip: From the Home screen, press the web2go soft key to launch the browser.

The following options are available:

Home

Selecting this menu connects the phone to the network and loads the homepage.

The content of the 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 browser, use the **Home** option. For more information on the browser menus, see "Selecting and Using Menu Options" on page 71.

In Idle mode, press Menu → Media → web2go → Home and press the Select soft key or

Exiting the browser

- 1. To exit the browser at any time, simply press 💿.
- 2. At the Exit Browser? prompt, press Yes to exit or No to remain in the browser.

Navigating the browser

- 1. To scroll through browser items, press the Up or Down Navigation key.
- 2. To select browser items, press

- 3. To return to the previous page, press the **Back** soft key or \square .
- 4. Press the **Back** soft key until the startup **Home** page displays.

Entering Text in the browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. The following modes are available:

- A Eng (ABC): this mode allows you to enter letters by pressing the key labeled with the corresponding letter.
- **T9 (English)**: 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, you press **Sec** to 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 fewer keystrokes than the traditional ABC mode.
- Numeric: this mode allows you to enter numbers. (Numeric displays on the external screen only).
- Symbol: this mode allows you to enter symbols, such as punctuation marks.

Tip: Press and hold * (portrait mode) or (Rt + (index cape mode) to enter symbols in upper-case or lower-case character mode.

To change the text input mode, use the following procedures:

- 1. Press the Right soft key, highlight the desired text entry mode and press the Select soft key or 📷
- 2. To enter a space, press 🖸 ± (portrait mode) or ______ (landscape mode).
- 3. To edit text, set the cursor to the right of the character(s) to be corrected.
- 4. Press C (portrait mode) or C (landscape mode) as required.
- 5. Enter the correct character(s).

Selecting and Using Menu Options

Various menus are available when you are navigating the Web.

To access the browser options menu:

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

Note: The menus may vary, depending on your browser version.

The following options are available:

- Reload: reloads the current page.
- Resize page: allows you to manually resize the page by sliding the size bar to the left or right.
- Forward: pages forward one page.
- Go to: navigates to the URL address, Homepage, Bookmarks, History, or Saved page.
- Save: allows you to save the Image or Page.
- Add to bookmarks: adds the current URL to Bookmarks.
- Send URL via message: sends the currently viewed URL to a recipient as a message.
- Page details: allows you to view details about the current page such as: Title, Address, Size, MIMEtype, and Last updated.
- Browser settings: various settings are available, see "Browser Settings" on page 73.
- Exit browser: exits the browser page you are viewing and returns to the Home page.

Enter URL

This menu allows you to manually enter the URL address of a web site that you want to access.

▶ In Idle mode, press Menu → Media → web2go → Enter URL and press the Select soft key or 📠

Note: For further details about entering characters, see "Entering Text" on page 33.

Bookmarks

This menu stores up to 50 URL addresses.

To store a URL address:

- 1. In Idle mode, press Menu → Media → web2go → Bookmarks and press the Select soft key or select soft key o
- Press Options → Add bookmark and press the Select soft key or
- 3. Enter a name for the bookmark in the Title field and press the Down key.

Note: For further details about how to enter characters, see "Entering Text" on page 33.

- 4. Enter the address in the URL field and press 💼 .
- 5. Highlight an item after saving a bookmark, then press the **Options** soft key to access the following:
 - Edit bookmark: allows you to edit the address.

- Delete: allows you to delete the Selected or multiple addresses.
- Add bookmark: allows you to enter a new bookmark URL.
- Send URL via message: allows you to send the selected bookmark as a text message.
- Set as homepage: displays the current homepage URL Address. Press the Change soft key or to display a bookmarks list. Select and Save the desired bookmark.
- 6. Select a URL and press Go 💼 . Your browser displays the site.

Saved Pages

This option displays a list of the pages that were saved while navigating the browser.

History

This option provides you with a list of the most recently visited web sites. You can use these entries to return to previously visited, but not bookmarked, web pages.

Browser Settings

Various settings are available when you are using the browser to navigate the web.

- 1. In Idle mode, press Menu → Media → web2go → Browser settings and press the Select soft key or 📷
- 2. Select one of the following options:

Clear cache

You can clear the information stored in the cache, which is the phone's temporary memory and stores the most recently accessed Web pages.

▶ Press the Yes soft key to confirm the deletion. Otherwise, press the No soft key.

Cookies

Cookies identify who you are when you visit favorite web sites; however, they are also used to track your web surfing habits.

Cookie mode

The Cookie mode allows you to define how your browser handles cookies. Options are: Accept all, Reject all, or Prompt before receiving a cookie.

Delete cookies

Cookies identify who you are when you visit favorite web sites; however, they are also used to track your web surfing habits. Deleting all the cookies provides security.

- Highlight Delete cookies and press the Select soft key or **a**. 1.
- At the Delete cookies? prompt press Yes. 2.

Preferences

The Preferences option allows you to set browser preferences such as Run JavaScript, Display images, Play sound, and View mode.

About Browser

About Browser displays information about the browser such as the type and version.

Help

Help is designed to work with the browser 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.

Importantl: The menu profile must be set to Grid menu to access the Help menu. For more information, refer to "Menu Design" on page 21.

- In Idle mode, press Menu \rightarrow Help and press the Select soft key or \square . 1.

Select one of the help categories and press 2.

Section 9: 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 picture 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 appear on the photo.

In Idle mode, press Menu \rightarrow Media \rightarrow Photos \rightarrow Camera and press **c** to access the menu. 1.

Tip: Press the Camera key on the right side of the phone as a shortcut access to the camera module.

- Adjust the image by aiming the camera at the subject. 2.
- Press Menu to access the camera options. For details, see "Configuring Camera Options" on page 77. 3.

Tip: You can use the keypad to guickly change the camera options.

4. Press the Camera key and or to take the photo.

Note: To change the default destination for your pictures, press the Options soft key when Send to: My Album Online? displays on the screen. Highlight the Default destination option and the Change option. You can then change your default destination to Recent recipients. Contacts. Online Album. New Email. and New number.

- 5. Press the **Options** soft key to view the following options:
 - Take another: allows you to take another picture.
 - Send to: sends this image to the last called or received numbers, Recent recipients, Contacts, Groups, or Online Album.
 - Send via: allows you to send this image via Message, Email, Exchange email, or to another Bluetooth enabled device.
 - Default destination: allows you to remove or change the default destination for the location of photos. Options include: Recent recipients, Contacts, Online album, New Email, or New number.
 - Print via Bluetooth: sends this image to a Bluetooth enabled printer.
 - Delete: allows you to delete this image.
 - Set as: allows you to set this image as Faves Gallery Icons, Picture ID, or Wallpaper.
 - Edit: allows you to edit your image attributes such as: Effects, Adjust, Transform, Crop, Insert, Set as, Send via, or Print via Bluetooth printer.
 - Rotate: rotates the page from landscape to portrait view and vice versa.
 - Slide show: displays several images as a slide show.
 - Properties: displays basic details about this image.
- Press Options → Send via to send this message as a Message, Email, Exchange Email, or to a Bluetooth enabled device.

– or –

Press **Options** → **Send to** to send to the last called or received numbers, Recent recipients, Contacts, Groups, or to an Online Album.

- 7. If you selected Message in Step 6, press 💼 and select one of the following:
 - Recent recipients: allows you to select a number or an address from the last 10 destinations you entered.
 - Contacts: allows you to enter the phone number you want from your Contacts.
 - Groups: allows you to send this image to a group.
 - Online Album: allows you to save this image to an Online Album.
- 8. Press 💿 to return to the Idle mode.

Configuring Camera Options

- 1. Before taking a photo, press Menu to access the following:
 - Camera/Camcorder: allows you to take a picture or record a video.
 - 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: takes a single photo and allows you to view it before returning to the shooting mode.
 - Continuous: takes a succession of photos.
 - Panorama: takes a landscape photo and places a black mat in front of the photo so it looks like there are four panels in one photo.
 - Smile shot: the camera focuses on the foreground or subject and not on the background.
 - Mosaic: takes up to four photos and then groups them together into a single final photo.
 - Night Mode: allows you to select On or Off.
 - Size: allows you to set the image size to either: 1600x1200, 1280x960, 640x480, or 320x240.
 - White balance: allows you to set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
 - Exposure meter: allows you to set how the camera measures or meters the light source: Matrix, Center-weighted or Spot.
 - Effects: allows you to change the color tone or apply special effects to the photo.
 - Options include: None, Black and white, Sepia, Negative, or Watercolor.
 - Set default destination: allows you to Change or Remove a current destination location or Change the current location by establishing a new folder in which to place the photo(s). Select from Camera Shortcuts the following options: Recent recipients, Contacts, Online Album, New Email, and New number.
 - Timer: allows you to set a time delay before the camera takes the photo. Select the length of delay you want (Off, 2 seconds, 5 seconds, or 10 seconds). When you press the **Camera key** or expectified time has elapsed.
 - Viewfinder mode: select one of these shooting modes: Full screen view and indicator, Full screen view, or Full screen view and guidelines.
 - Settings:
 - Photo: allows you to view the Quality of the Photo.
 - Setup: allows you to configure: Review screen, Shutter sound, Default storage, or Shortcuts.

Camera Shortcuts

You can change options using your keypad in capture mode. The following shortcuts are available:



takes the photograph.



Left and Right navigation keys zoom in and out (landscape mode).

Up and Down navigation keys adjust the image brightness (landscape mode).



toggles between camera and video mode.



changes the shooting mode.



sets the timer.



displays the Viewfinder mode.

Photos

1. In Idle mode, press Menu → Media → Photos and press
to open the folder.

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.

- 2. To view the photos on the full screen, press 🖪 . To go back to Line view, press the Back soft key or
- 3. Press the **Options** soft key to use the following options:
 - Send to My Album: allows you to send the selected photo to My Album.
 - Send via: allows you to send the selected photo as a Message, Email, Exchange Email, Audio postcard, or to a Bluetooth enabled device.
 - Set as: allows you to set the photo as Faves Gallery Icons, Picture ID or as Wallpaper.
 - Delete: allows you to delete the Selected, Multiple, or All images.

С

- Move: allows you to move the Selected photo or Multiple photos to another location.
- Copy: allows you to copy the Selected photo or Multiple photos to another location.
- Default destination: allows you to Remove or Change the destination folder for your photos.
- Rename: allows you to rename the photo.
- Take photo: allows you to take another photo.
- Create folder: allows you to create a personal folder in which to place this photo.
- Sort by: allows you to sort photos in this folder by Date, Type, Name, or Size.
- Bluetooth visibility: allows you to enable the Selected or Multiple photos so they are visible to other Bluetooth devices.
- Print via Bluetooth: allows you to send the selected photo to a Bluetooth enabled printer.
- Lock/Unlock: allows you to lock the image to protect it from deletion, or unlock it to allow deletion.
- Properties: allows you to view Basic details about the selected image.

Deleting a Photo

You can delete photos one by one or all at one time.

- 1. From the Photos menu, highlight the photo you want to delete.
- 2. Press Options → Delete then press the Right Navigation key.
- Select Selected, Multiple, or All and press the Select soft key or <a>[
- 4. Press the Yes soft key to confirm the deletion.
- 5. Press 🐨 when you are finished.

Record video

Tip: When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by putting the light source behind you.

- 1. In Idle mode, press Menu → Media → Photos → Camera and press the Select soft key or a.
 - Press 1 ⁽¹⁾ to switch to Camcorder mode.
- 3. Before filming the video, press Menu to access camcorder options (see next page).
- 4. Adjust the image by aiming the camera at the subject.

2.

- 5. Press obegin recording the video.
- 6. Press the Stop key to stop the recording and save the video file to your Videos folder.
- 7. Once the file saves, press 📧 to play back your video for review.

Camcorder Options

- 1. Press the Menu soft key to access the camcorder options.
 - Camera/Camcorder: allows you to take a picture or record a video.
 - Mode: allows you to select Normal or Limit for MMS.
 - Size: allows you to set the video size to: 176x144. The image size displays on the capture screen.
 - White balance: allows you to set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
 - Exposure meter: allows you to set how the camcorder measures or meters the light source: Matrix, Center-weighted or Spot.
 - Effects: allows you to change the color tone or apply special effects to the photo. Options include: None, Black and white, Sepia, Negative, and Watercolor.
 - Set default destination: allows you to Change or Remove a current destination location or Change the current location by establishing a new folder in which to place the photo(s). Select from the following options: Recent recipients, Contacts, Online Album, New Email, and New number.
 - Timer: allows you to set a time delay before the video starts to record. Select the length of delay you want (Off, 2 seconds, 5 seconds, 10 seconds) and press the **OK** soft key. When you press a, the video begins recording after the specified time has elapsed.
 - Viewfinder mode: select one of these shooting modes: Full screen view and indicator, Full screen view, or Full screen view and guidelines.
 - Settings:
 - Video: allows you to configure the Quality of the video and adjust the Audio recording.
 - Setup: allows you to configure: Review screen, Default storage, or Shortcuts.
- 2. Press Back to return to the picture viewer.

Tip: You can use the keypad to quickly change the camera options using the camera shortcut keys. For more information, refer to "Camera Shortcuts" on page 78.

Camcorder Shortcuts

Shortcut keys allow you to change options using your keypad, Navigation keys, and Volume key in capture mode. The following options are available.



shoots video.



Left and Right navigation keys zoom in and out (landscape mode). Up and Down navigation keys adjust the image brightness (landscape mode).

switches the handset between camcorder and camera mode.



₽....

changes the recording mode.



allows you to set a time delay before the camera takes the video.



displays the Viewfinder mode.

Videos

In this menu, you can view a list of videos downloaded from the web server or received in multimedia messages.

- In Idle mode, press Menu → Media → Videos and press
 to open the file.
 When you access this menu, your phone displays the videos in Line view. Use the Navigation keys to scroll
 through the photos.
- 2. Highlight a video clip from your Videos folder, press Options and choose from the following options:
 - Send via: sends the video using a Message, Email, Exchange email, or to a Bluetooth enabled device.
 - Delete: deletes the Selected, Multiple, or All video files.
 - Move: allows you to move the Selected or Multiple videos to another location.
 - Copy: allows you to copy the Selected or Multiple videos to another location.
 - Rename: changes the name of the video.

- Create folder: allows you to create a new folder to contain your videos.
- Sort by: allows you to sort and view videos by Date, Type, Name, or Size.
- Bluetooth visibility: allows you to enable the Selected video or Multiple videos so they are visible to other Bluetooth devices.
- Lock/Unlock: allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
- Properties: shows the properties of the video, such as the Name, Format, Resolution, Size, Forwarding, Date created, and Location.

This section outlines the media features available on your phone such as the web2go browser, YouTube, Games and Apps, photos, music, images, sounds, videos, Games and Apps, other files, and memory status.

web2go

Your phone is equipped with a browser which provides you wireless access and navigation to the Web using your phone. For more information, refer to *"Browser"* on page 70.

From Idle mode, press Menu → Media → web2go and press .

YouTube

In this menu, you can access and navigate to the YouTube website.

From Idle mode, press Menu \rightarrow Media \rightarrow YouTube and press \square

Games and Apps

You can download MIDlets (Java applications that run on mobile phones) from various sources using the browser and store them in your phone.

1. From Idle mode, press Menu → Media → Games and Apps and press the Select soft key or 💼 .

When you access the **Games and Apps** menu, the list of default games displays. Once you download new games, they are then added to the list.

Browse games

You can download more games from the T-Mobile website by using the Browse games option.

► From Idle mode, press Menu → Media → Games and Apps → Browse games and press the Connect soft

key or 💼 .

The web2go screen displays with options.

Note: When downloading games, charges may apply. MIDlet game options differ depending on the MIDlet selected.

TeleNav GPS Navigator

TeleNav is a driving aid that uses both audible and visual directions for GPS navigation.

- From Idle mode, press Menu → Media → Games and Apps → TeleNav GPS Navigator and press the Select soft key or _____.
- A Warning message displays. Read the agreement and press Agree to accept the terms, or press EXIT to close the window.

Note: When accessing TeleNav Navigator, charges may apply.

Social Buzz

This menu item lets you log in to your social networking applications (Twitter, Facebook, or MySpace) and get automatic status updates for each of these applications.

► From Idle mode, press Menu → Media → Games and Apps → Social Buzz.

For more information, refer to "Social Buzz" on page 65.

Google Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important!: Before using Google Maps you must have an active data (3G) or connection. The Maps application does not cover every country or city.

From Idle mode, press Menu → Media → Games and Apps → Google Maps and press the Select soft key or

Note: For your safety, do not use Google Maps or any other visual application while driving.

Photos

Using the Photos option, you can view your photos.

To change the background image:

1. From Idle mode, press Menu \rightarrow Media \rightarrow Photos and press

- 2. Highlight a photo from the list and press the **Options** soft key.
- Select Set as →Wallpaper and press the Select soft key or
- Press the Set soft key to confirm your selection. Your wallpaper selection updates.

Photos Options

- While viewing a photo, press the **Options** soft key to choose from the following options:
 - Send to My Album: allows you to send the selected photo to My Album.
 - Send via: allows you to send the photo as a Message, Email, Exchange email, Audio postcard, or to another Bluetooth compatible device.
 - Set as: allows you to set the photo as a Faves Gallery Icons, Picture ID, or as Wallpaper.
 - Default destination: allows you to Remove or Change the default destination for the location of photos. Options include: Recent recipients, Contacts, Online Album, New Email, or New number.
 - Delete: allows you to delete the selected photo.
 - Rename: allows you to rename the photo.
 - Edit image: allows you to edit a new photograph for an outgoing message.
 - Bluetooth visibility: allows you to select one or multiple sounds to share with other Bluetooth devices.
 - Slideshow: allows you to see all of your photos in a slide show presentation.
 - Print via Bluetooth: sends the selected photo to a Bluetooth enabled device.
 - Lock/Unlock: allows you to lock the photo to protect it from deletion or unlocks it to allow deletion.
 - Properties: displays the image Name, Format, Resolution, Size, Forwarding, Date created, and Location.

My Album

My Album is a private online picture album that you can use to store and share pictures, videos, voice messages, and text.

Use the following procedures to access My Album.

Note: When accessing My Album, charges may apply.

1. From Idle mode, press Menu → Media → Photos → My Album and press the Select soft key or 📷 .

- 2. In your browser, select the Inbox Album link and press the Select soft key or a
- 3. Use the Up or Down key to highlight a particular image and press 💼 to view the photos.
- 4. Press 💿 to exit and return to the Idle screen.

Camera

For information on using your camera, see "Camera" on page 75.

Music

In this menu you can review the Music you have downloaded or you can view music stored on the memory card.

- 1. From Idle mode, press Menu \rightarrow Media \rightarrow Music and press **a** to open the menu.
- 2. Select a music file and press the **Options** soft key to choose from the following options:
 - Send via: allows you to send the selected music file via Message, Email, Exchange email, or to a Bluetooth enabled device.
 - Set as: allows you to set the music file as Ringtone, Individual ringtone, Alarm tone, Message tone, or as a Calendar reminder.
 - Delete: allows you to delete the Selected, Multiple, or All music files.
 - Move: allows you to move the selected music file or multiple files to another location or folder.
 - Copy: allows you to copy the selected music file or multiple files to another location or folder.
 - Rename: allows you to rename the selected music file.
 - Create folder: allows you to create a folder in which to store the selected music file.
 - Sort by: allows you to sort the music by Date, Type, Name, or Size.
 - Bluetooth visibility: when the music file is stored to the phone this option allows you to select one or multiple music files to share with other Bluetooth devices.
 - Lock/Unlock: allows you to lock the music file to protect it from deletion or unlocks it to allow deletion.
 - Properties: displays Basic details about the selected music file such as Name, Format, Size, Forwarding, Date created, and Location.

Music Player

You can add music files or play music stored in your playlist.

Important!: Before you can play music you must organize a playlist. For more information, refer to "Creating a Playlist" on page 88.

1. From Idle mode, press Menu → Media → Music → Music player and press the Select soft key or 📷

- 2. Select All tracks, Artists, Albums, or Playlists and press Open.
- 3. Highlight a music file, then press the Options soft key and select one of the following options:
 - Add to playlist: allows you to add the Selected, Multiple, or All music files to a playlist.
 - List by: allows you to display music files by category such as: Recently added, My rating, or Title.
 - Delete: allows you to delete the Selected, Multiple, or All music files.
 - Send via: allows you to send this music file in a Message, Email, Exchange email or to a Bluetooth enabled device.
 - Set as: allows you to set this music file as Ringtones, Individual ringtone, Alarm tone, Message tone, or Calendar reminder.
 - Properties: displays Basic details or Media information about the selected music file.
 - Settings: allows you to configure settings such as Background playing, Sound effects, or Visualization.
- 4. Select a music file and press 💼 to play the music.

Music Player Shortcut Keys

- 1. From Idle mode, press Menu → Media → Music → Music player and press the Select soft key or 📷 .
- 2. Select a music file and press 💼 to play the music.

3. While playing a music file, the following keys act as shortcuts:

Up Navigation key allows you to view all of the tracks. Down Navigation key stops the playback of the music file. Left Navigation key plays the previous music file in the playlist. Right Navigation key plays the next music file in the playlist. Marks the user rating using stars (0-5).



Changes the audio equalizer presetto: Dynamic (DYNA), SURR (Surround), NORM (Normal), ROCK, POP, DANC (Dance), CLAS (Classical), JAZZ, or WIDE.

Toggles player modes:

Toggles Shuffle On and Off.

- · Normal: songs are played in the order they appear in the current list.
- Repeat one: repeats the currently active song.
- Repeat all: replays each song in the current list and as the last song in the list



Toggles between the three Visualization modes.

4. Press 💿 to exit and return to Idle mode.

Creating a Playlist

Before music can be played directly via the Music Player, it is necessary that the desired playlist be active before music is added. Unless otherwise selected, Playlist 1 is the default playlist when new music is added from either the phone or memory card.

- 1. From Idle mode, press Menu \rightarrow Media \rightarrow Music \rightarrow Music player.
- 2. Press Playlists → Create playlist, enter a name for the playlist and press Save.

Adding Music Files to a Playlist

- 1. From Idle mode, press Menu → Media → Music → Music player.
- 2. Highlight All tracks and press Open.
- Select a music track to add to the playlist and press Options → Add to playlist and press the Right Navigation key.
- 4. Select Selected and press the Select soft key or a.

The selected music track is added to the selected playlist.

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.

▶ From Idle mode, press Menu → Media → Images and press the Select soft key or _____.

The following options are available:

Browse wallpapers

Using the **Browse Wallpapers** option, allows you to access the T-Mobile website and download new images using the browser.

▶ Highlight Browse Wallpapers and press 💼

Note: When downloading Wallpapers, charges may apply.

Wallpapers

This folder contains pre-configured wallpapers.

- Scroll to the wallpaper you want to view and press the **Options** soft key to access the following options:
 - Set as: allows you to set the image as a Picture ID or as Wallpaper.
 - Take photo: allows you to take a photo and use that as a wallpaper.
 - Create folder: allows you to create a new folder in which to contain your own images.
 - Sort by: allows you to sort the images by Date, Type, Name, or Size.
 - Properties: displays the image name, format, resolution, size, forwarding, date created, and location.

Downloaded images

This menu allows you to access your downloaded images on your phone.

- Scroll to the image you want to view and press the **Options** soft key to access the following options:
 - Send to My Album: sends the selected image to My Album.
 - Send via: allows you to send the image as a Message, Email, Exchange email, Audio postcard, or to another Bluetooth compatible device.
 - Set as: allows you to set the image as Faves Gallery Icons, a Picture ID, or Wallpaper.
 - Delete: allows you to delete the Selected, Multiple, or All images.
 - Move: allows you to move the Selected, or Multiple images to another location.
 - Copy: allows you to copy the Selected, or Multiple images to another location.
 - Default destination: allows you to Remove or Change the default destination for the location of images.
 - Rename: allows you to rename the image.
 - Take photo: allows you to take another photo with the camera.
 - Create folder: allows you to create a new folder in which to store images.
 - Sort by: allows you to sort images by Date, Type, Name, or Size.
 - Bluetooth visibility: allows you to select one or multiple images to share with other Bluetooth devices.
 - Print via Bluetooth: sends the selected image to a Bluetooth enabled device.
 - Lock/Unlock: allows you to lock the image to protect it from deletion or unlock it to allow deletion.
 - Properties: displays Basic details or Media Information about the image.

Faves Gallery Icons

This menu displays a list of downloaded icon types for you to use.

Sounds

In this menu, you can view the list of sounds downloaded from the web server or received in picture messages. You can also set a downloaded sound as the current ring tone.

1. From Idle mode, press Menu → Media → Sounds and press the Select soft key or 📷 .

Note: When downloading MegaTones[®] or HiFi Ringers[™], charges may apply.

The following options are available:

Browse HiFi Ringers

Using the **Browse HiFi Ringers** option on the sounds list, you can quickly access T-Mobile website and use the browser to download new HiFi Ringers.

Press additional ringtones.

Browse MegaTones

Using the **Browse MegaTones** option on the sounds list, you can quickly access the T-Mobile website and download new sounds by using the browser. Press **Connect** or **rest** to purchase to purchase additional MegaTones.

Sounds

Highlight an item in the **Sounds** menu and press the **Options** soft key. The following options are available:

- Set as: allows you to set the sound as a Ringtones, Individual ringtone, Alarm tone, Message tone, or Calendar reminder.
- Create folder: allows you to create a new folder in which to contain sounds.
- Sort by: allows you to sort sound files by Date, Type, Name, or Size.
- Properties: displays Basic details about the selected sound file.

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 as a Message, Email, Exchange email, or to a Bluetooth compatible device.
- Set as: allows you to set the audio message as Ringtones, Individual ringtone, Alarm tone, Message tone, or Calendar reminder.
- Delete: allows you to delete the Selected, Multiple, or All audio messages.
- Move: allows you to move the Selected or Multiple audio messages to another location or folder.
- Copy: allows you to copy the Selected or Multiple audio messages to another location or folder.
- Rename: allows you to change the name of the audio message.
- Create folder: allows you to create a new folder in which to contain audio messages.
- Sort by: allows you to sort audio files by Date, Type, Name, or Size.
- Bluetooth visibility: allows you to select one or multiple voice messages to share with other Bluetooth devices.
- Lock/Unlock: allows you to lock the audio message to protect it from deletion or unlocks it to allow deletion.
- Properties: displays Basic details about the selected audio file.

Voice recorder

In this menu, you can record an audio file up to one minute long and then immediately send it as a message.

- From Idle mode, press Menu → Media → Sounds → Voice list → Voice recorder and press at the recorder.
- 2. Press Record and begin recording your voice message.
- 3. Press Stop when you are finished recording.

Note: The message automatically saves to the Voice list.

- 4. Press Options and select one of the following options:
 - Send via: allows you to send this voice recording as a Message, Email, Exchange email, or to another Bluetooth enabled device.
 - Set as: allows you to set this voice recording as a Ringtone, Individual ringtone, Alarm tone, Message tone, or Calendar reminder.
 - Delete: deletes the selected voice recording.
 - Properties: displays Basic details about this voice recording, such as: Name, Format, Size, Forwarding, Date created, and Location.

Videos

In this menu, you can view the list of videos downloaded from the web server or received in picture messages. You can also view a video saved to your Videos folder or memory card.

This menu allows you to access your saved videos.

- 1. From Idle mode, press Menu → Media → Videos and press the Select soft key or 💼
- 2. Highlight a video file and press 💼 to play it.

Before you play the video press Options and select one of the following:

- Send via: sends the video using a Message, Email, Exchange email, or to a Bluetooth enabled device.
- Delete: deletes the Selected, Multiple, or All video files.
- Move: allows you to move the Selected or Multiple videos to another location.

[–] or –

- Copy: allows you to copy the Selected or Multiple videos to another location.
- Rename: changes the name of the video.
- Create folder: allows you to create a new folder to contain your videos.
- Sort by: allows you to sort and view videos by Date, Type, Name, or Size.
- Bluetooth visibility: allows you to enable the Selected video or Multiple videos so they are visible to other Bluetooth devices.
- Lock/Unlock: allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
- Properties: shows the properties of the video, such as the Name, Format, Resolution, Size, Forwarding, Date created. and Location
- While viewing the video press Options and choose one of the following:
 - Jump to track time: allows you to jump to a specific track time. Enter the time in HH:MM:SS format.
 - Send via: allows you to send this video as a Message, Email, Exchange email, or to a Bluetooth enabled device.
 - Properties: shows the properties of the video, such as the Name, Format, Resolution, Size, Forwarding, Date created, and Location.

Other files

In this menu you can view or store other types of files without corruption, various document files and files stored in the phone's memory, or on a memory card.

Available file formats are Microsoft Word. Adobe PDF. or Plain text.

From Idle mode, press Menu \rightarrow Media \rightarrow Other files and press the Select soft key or \square . 1.

- Select a file and press the **Options** soft key to choose from the following options: 2.
 - Send via: allows you to send another file via an Email or to a Bluetooth enabled device.
 - Delete: allows you to delete the Selected. Multiple, or All files.
 - Move: allows you to move the Selected, or Multiple files to another location or folder.
 - Copy: allows you to copy the Selected, or Multiple files to another location or folder.
 - Rename: allows you to change the name of the selected file.
 - Create folder: allows you to create a new folder in which to contain other files.
 - Sort by: allows you to sort files by Date. Type. Name. or Size.
 - Bluetooth visibility: allows you to enable Bluetooth so you can share the selected file or multiple files with other Bluetooth devices.

- Lock/Unlock: allows you to lock the file to protect it from deletion or unlock it to allow deletion.
- Properties: displays Basic details about the selected file.

Memory status

You can check the amount of memory used or remaining on the phone or memory card for Media, Sounds, Images, Videos, Music, Games, and Other files.

On phone (Photos, Music, Images, Sounds, Videos, Other files, Games and Apps)

On memory card

- 1. From Idle mode, press Menu \rightarrow Media \rightarrow Memory status and press the Select soft key or \square .
- 2. Press the Left or Right navigation keys to scroll between the memory status of Phone or Memory card.

Section 11: Bluetooth

This section explains how to operate the Bluetooth feature on the Gravity[®]3 device.

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 do not 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.

From Idle mode, press Menu \rightarrow Settings \rightarrow Bluetooth and press the Select soft key or **[a]**.

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 💼 .

Mv devices

This option allows you to search for new Bluetooth devices.

- 1. From Idle mode, press Menu → Settings → Bluetooth and press the Select soft key or
- Select My devices and press the Select soft key or 2.
- Highlight the Search new device option and press the Select soft key or select soft key o 3.

The phone searches for available devices.

My visibility

When the Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This can be useful if you are attempting to connect additional Bluetooth devices. Allowing your phone to promote its visibility can pose a security risk and incite unauthorized connection. This feature should be paired with a Bluetooth security option.



- 2. Select My visibility and press the Select soft key or 💼
- 3. Highlight the option (On/Off/Custom) and press the Select soft key or

My phone name

When your phone's Bluetooth visibility is turned On, it identifies itself using the name entered into this text field. This name can be altered by selecting the pre-existing text and selecting a new text string in its place. This feature should be paired with a Bluetooth security option.

- 1. From Idle mode, press Menu → Settings → Bluetooth and press the Select soft key or _____.
- Select My phone name and press the Select soft key or
- 3. Press C to erase the previous name.
- 4. Use the phone's keypads to enter a new name. The default input entry method is Abc, where the initial character is Uppercase and each consecutive character in that same word is left as lowercase text.
- 5. Press sto save the new name.

Security mode

When the Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This transmission can pose a security risk and incite unauthorized connection to your phone. It is recommended that you activate your phone's Bluetooth security.

- 1. From Idle mode, press Menu → Settings → Bluetooth and press the Select soft key or _____.
- Select Security mode and press the Select soft key or
- 3. Highlight On or Off and press the Select soft key or

Remote SIM mode

This mode allows you to turn On or Off Remote SIM Mode. Remote SIM mode, when set to On, allows the Bluetooth phone car kit to access the contact information stored on the SIM card.

- 1. From Idle mode, press Menu → Settings → Bluetooth and press the Select soft key or or .
- 2. Select Remote SIM mode and press the Select soft key or 📧 .
- 3. Press On or Off from the Remote SIM mode field.

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 integrate.

- 1. From Idle mode, press Menu \rightarrow Settings \rightarrow Bluetooth and press the Select soft key or \square .
- Select Features and press the Select soft key or

The following Service profiles are available:

- Headset: used to make incoming and outgoing calls via Bluetooth headsets.
- Handsfree: used to make incoming and outgoing calls via Bluetooth car kits.
- Bluetooth stereo headset: used to make calls and listen to music via Bluetooth stereo headsets.
- File transfer: used to transfer files to and from Bluetooth devices.
- Object push: used to exchange personal data (namecards, Phonebook contacts, and so on) with Bluetooth devices.
- Basic printing: used to print images, text messages, personal data such as namecards and appointments, and so on, via remote Bluetooth printers.
- Serial port: used to connect to other Bluetooth devices via a virtual serial port.
- SIM access: used to provide access to SIM card via Bluetooth.

Help

Accesses the Help menu for general help information.

The Organizer allows you to set alarms, schedule appointments, view the calendar, create Tasks, perform simple math calculations, check world time, perform unit conversions, set a timer, and use a stopwatch.

Calendar

With the Calendar feature, you can:

- · Consult the calendar by month, week, or day.
- Note Appointments, Anniversaries, Holidays, Important events, or Private event.
- · Set an alarm to act as a reminder, if necessary.
- · Check your memory status.

To navigate to the Calendar:

► From Idle mode, press Menu → Organizer → Calendar and press the Select soft key or _____.

When you select the Calendar the first view is the Month view.

Month view

With the Month view displayed, press the **Options** soft key to display the following options:

- View: displays the selected date view.
- View by: displays the Day view or Week view for the selected day.
- Create: allows you to create an Appointment, Anniversary, Holiday, Important, or Private event.
- Go to: displays Today's date or the date you entered.
- Event list: displays a list of selectable events such as: Appointments, Anniversaries, Holidays, Important, or Private.
- Delete: allows you to delete the selected event.
- Settings: allows you to configure calendar viewing settings such as the Starting day (of the week) and View by.
- Missed alarm events: displays a list of missed alarm events.
- Memory status: displays the number of calendar events you presently have and how many events you can create for each category. For example: 0/50 means you used zero of fifty available events for this category.

Week view

With the Week view displayed, press the **Options** soft key to display the following options:

- View by: displays the Day view or Month view.
- Create: allows you to create an Appointment, Anniversary, Holiday, Important, or Private event.

- Go to: displays Today's date or the date you entered.
- Event list: displays a list of selectable events such as: Appointments, Anniversaries, Holidays, Important, or Private.
- Delete: allows you to delete the selected event.
- Settings: allows you to configure calendar viewing settings such as the Starting day (of the week) and View by.
- Missed alarm events: displays a list of missed alarm events.
- Memory status: displays the number of calendar events you presently have and how many events you can create for each category. For example: 0/50 means you used zero of fifty available events for this category.

Day view

With the Day view displayed, press the **Options** soft key to display the following options:

- 1. Press Options to view the following options:
 - Create: allows you to create an Appointment, Anniversary, Holiday, Important, or Private event.
 - View by: displays the Week view or Month view.
 - Event list: displays a list of selectable events such as: Appointments, Anniversaries, Holidays, Important, or Private.
 - Settings: allows you to configure calendar viewing settings such as the Starting day (of the week) and View by.
 - Missed alarm events: displays a list of missed alarm events.
 - Memory status: displays the number of calendar events you presently have and how many events you can create for each category.
 For example: 0/50 means you used zero of fifty available events for this category.

Missed alarm events

You can check on all of the events that you have set an alarm on.

- 1. In Idle mode, press Menu → Organizer → Calendar and press Select or 📷
- 2. Press Options → Missed alarm events and press Select or 💼 .
- To view event information, highlight an event and press
 The missed alarm event information displays.
- To acknowledge and remove the event, press the Confirm soft key or
 The event is removed from the Missed alarm events menu.

Memory status

This menu item shows the number of calendar events that are stored on the handset as well as the total number of available events. Example: 2/100 means that currently there are two alarm events scheduled out of a possible 100.

TeleNav GPS Navigator

This feature allows you to connect to the TeleNav GPS Navigator web site. TeleNav GPS Navigator can be used for real-time navigation. To connect to this service:

- 1. In Idle mode, press Menu → Organizer → TeleNav GPS Navigator and press Select or 💼 .
- 2. Read the Terms of Use and press ACCEPT or EXIT.
- 3. Follow the instructions on each screen to use the TeleNav GPS Navigator.

Google Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector or aerial map, or you can view locations at the street level.

Important!: Before using Google Maps you must have an active data (3G) or connection. The Maps application does not cover every country or city.

In Idle mode, press Menu → Organizer → Google Maps and press Select or

Note: For your safety, do not use Google Maps or any other visual application while driving.

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:

- Alarm 1: set the Name, Alarm activation, Alarm time, Alarm type, Alarm tone, Alarm volume, Day, Snooze, and Repeat for this alarm.
- Alarm 2: set the Name, Alarm activation, Alarm time, Alarm type, Alarm tone, Alarm volume, Day, Snooze, and Repeat for this alarm.

- Alarm 3: set the Name, Alarm activation, Alarm time, Alarm type, Alarm tone, Alarm volume, Day, Snooze, and Repeat for this alarm.
- Auto power: alarm rings at the specified time even if the phone is turned off. If the option is set to Off, the alarm does not ring.

To set the alarm:

- 1. From Idle mode, press Menu → Organizer → Alarm and press the Select soft key or 📷 .
- 2. Select an alarm and press the Select soft key or 💽 .
- 3. Highlight the Name field, and press **C** to backspace, then enter a new name for this alarm (if desired).
- 4. Press the **Down** Navigation key and highlight the **Alarm activation** field.
- 5. Press the **Right** Navigation key to select **On**.
- 6. Press the Down Navigation key to highlight the Alarm time option. Enter the time you want the Alarm to sound.
- Press the Down Navigation key to highlight the Alarm type option and press alarm types:
 - Melody: the alarm rings using the selected ring melody.
 - Increasing melody: the volume of the melody increases.
 - Vibration: the phone vibrates but does not play a tone.
 - Vibration then melody: the phone vibrates 3 times and then starts playing a melody.
 - Vibration and melody: the phone vibrates and plays the melody simultaneously.
 - Vibration and increasing melody: the phone vibrates and increases the volume of the melody.
- Press the Down Navigation key to highlight the Alarm tone field. Press to display a list of tones from which to choose, then press Select or .
- 9. Press the Down Navigation key to highlight the Alarm volume field.
- 10. Press the Left or Right Navigation key to decrease or increase the volume.
- 11. Press the Down Navigation key to highlight the weekday checkboxes. Press 💼 to display a list of days.
- Press a to place a checkmark next to one of the following selections: Everyday, Once only, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, or Saturday. Press a to place or remove a check mark.
- 13. Press OK to confirm your selections.

- 14. Press the Down Navigation key to highlight the Snooze field. Press the Right Navigation key to select one of the following times: Off, 1 min, 3 min, 5 min, 7 min, or 10 min.
- Press the Down Navigation key to highlight the Repeat field. Press the Right Navigation key to select one of the following times: 1 time, 2 times, 3 times, 5 times, or 10 times.
- **16.** Press **ID** to confirm your settings.
- 17. Press 💿 to return to Idle mode.
- 18. To stop the alarm when it rings, press any key or press the Snooze soft key.

Voice Recognition

Voice Recognition is advanced speech recognition software used to activate a wide variety of functions on your phone. Nuance software automatically voice activates (up to 1,000 contacts) for voice dialing and searching. No prerecording or training needed. Speak a contact name naturally to dial, and use your voice to look up contacts, launch applications and navigate phone menus.

- 1. In Idle mode, press Menu → Organizer → Voice recognition and press Select or 📷
- 2. At the voice prompt, say a command. The list of available commands is listed below.

Note: This list of voice commands is briefly displayed.

Say a Command Options

- Call <Name or #>: dials a name or number listed in your contact list. If multiple numbers exist (such as home, work, or other) say the name and the number type (location).
- Send Text <Name or #>: displays the Create Text Message screen.
- Lookup <Name>: allows you to use a voice command to locate and display contact information stored in the Contacts list. For more information, refer to "Finding a Contact Entry" on page 63.
- Go to <App>: accesses all the features of your phone if they are activated, such as: Web, Calendar, Ringtones, Tasks, Contacts, Voicemail, and Games and Apps.
- Check <Item>: lets you check your phone's status in the same report (Status, Messages, Missed Calls, Time, Signal Strength, Network, Battery, My Phone Number, and Volume).

While the Say a command screen displays you have two options:

- Tutorial: provides examples of how to use the voice commands.
- Settings: lists the settings for voice command software such as: Confirmation, Adaptation, Audio Modes, Speakerphone, and About.

If the phone does not recognize your command the Command not recognized press Settings \rightarrow Restart. The Restart command allows you to try to command options again.

Speak clearly when giving your command. There is no need for you to speak slowly or with added emphasis. The voice recognition software has been optimized to understand your speech in its natural form. If it does not recognize your command after a few seconds, a voice prompt asks you to repeat the command. If it does not recognize your command again, the following message displays "Sorry, no match found," and voice recognition turns off.

Important I: You must end your current Voice Commands call before you can make another call.

Voice Recognition Tips

- Wait for the tone before you speak.
- Speak clearly and at a normal volume.
- There is no need to use paused speech. The voice recognition software has been trained to recognize natural speech, and performs best when you speak naturally.
- In very noisy environments, it may be helpful to use the supplied earset or optional Bluetooth headsets.

Contacts List Voice Activation

On startup Nuance reads your Contacts list and voice-activates all the names.

When you have add or change contacts, Nuance automatically reloads and voice-activates the list when you add or modify a contact.

Name Dialing

To use Name Dial, you need contacts stored in Contacts. For more information, refer to "Using the Contacts List" on page 62.

To access Voice recognition:

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

- Say "Call" followed by the first and last name of the contact that you want to dial. The name that you said is repeated through the earpiece and your phone dials the number.
- 3. If Nuance is not sure of the name that you said, "Try Again?" displays on the screen.
- You are asked to confirm the correct name as Nuance displays the results. Say "Yes" or "No" to confirm or reject the number when prompted.

The location repeats through the earpiece and your phone dials the number.

Send Text Message

To access Voice recognition:

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

- Say "Send Text" at a distance of 3-8 inches from the microphone. "Say the Name" plays through the earpiece.
- 3. After you say a name, you might be prompted, "Did you say send text?" To confirm a name, wait for the beep and then say "Yes."
- 4. When the Text Message client launches, compose your text message.

Name Lookup

To perform a name lookup, you have to have some entries in your Contact list.

To access Voice recognition:

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

2. Say "Lookup" at a distance of 3-8 inches from the microphone. "Say the name" plays through the earpiece.

- 3. Say the name exactly as it displays in Contacts, first name followed by last name.
- 4. The contact name displays on the screen with other information that you have entered for that contact.

Opening Applications

You can open an application or access a menu on your phone using Voice recognition.

To access Voice recognition:

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

2. Say "Go To" at a distance of 3-8 inches from the microphone. A list of options displays.

Note: You can also say, "Go To" followed by the name of the application, for example, "Web".

The spoken application menu option activates.

Checking Phone Status

Use the Check command to see and hear status information from your phone, including its phone number, status, current signal strength, and battery level.

To check phone status:

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

2. Say "Check" at a distance of 3-8 inches from the microphone. A list of options displays.

The spoken application menu option displays.
Voice Recognition Settings

Confirmation

Nuance uses a confirmation list when a name or number is not clearly recognized. The software displays three choices and prompts you to select a choice.

You can modify the way Nuance uses the confirmation list in the settings. Each time Nuance activates you can choose to view the confirmation list even if there is only one choice. Additionally, you can choose never to view a confirmation list, even if there are multiple choices. When the name or number you speak is not recognized, the Automatic setting displays the confirmation list.

1. In Idle mode, press Menu → Organizer → Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

- 2. From the "Say a command" screen, press Settings → Confirmation.
- 3. Select one of the following options:
 - Automatic: Nuance displays a confirmation list only when it is not sure if it has correctly recognized the name or number.
 - Always Confirm: Nuance always displays a confirmation list, even when there is only one choice.
 - Never Confirm: Nuance never displays a confirmation list.

Adaptation

If Nuance frequently does not recognize your commands, adapting digit dialing to your voice improves the accuracy of digit recognition.

After you adapt Digit Dial, your phone recognizes only your voice. Other users are not able to use the handset with Nuance unless the handset is reset to factory defaults.

Adapting requires recording multiple sequences of digits. The entire adaptation process takes approximately one minute.

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

2. From the "Say a command" screen, press Settings \rightarrow Adaptation.

3. Press Adapt Voice.

4. The screen displays an adaptation message. The entire adaptation process takes just a couple of minutes to complete.

Tip: Perform the adaptation process in a quiet room.

5. Press Start to being adaptation or press Back to cancel.

Audio Modes

Your voice recognition software includes an interface that allows you to customize your voice recognition, mode setting to match your experience and comfort level with voice commands. You can select one of three levels, Expert mode, Prompt mode, or Readout mode.

Voice recognition provides a three modes or settings, Expert mode, Prompt mode and Readout mode. Using Modes, you can select your user level.

1. In Idle mode, press Menu \rightarrow Organizer \rightarrow Voice recognition.

After a brief pause, a list of available commands displays on the screen along with the "Say a command" message.

- 2. From the "Say a command" screen, press Settings →Audio Modes.
- 3. Press one of the following options:
 - Expert Mode: turns off the voice and text prompts.
 - Prompt Mode: this is the default mode. Uses a voice prompt to confirm your selection and also displays a confirmation screen.
 - Readout Mode: displays an on-screen prompt with voice.

Speakerphone

The Speakerphone feature allows you to configure speakerphone as Always on, Always off or you can automatically connect to the speakerphone by selecting Automatic.

About

The About option displays information about Nuance including version number, LVR number, build number, and device number.

Tasks

This feature allows you to enter a task list.

- From Idle mode, press Menu \rightarrow Organizer \rightarrow Tasks and press the Select soft key or \square . 1.

- 2. Press Options → Create to create a new task.
- Enter a short description of the task in the **Title** field then press the **Down** Navigation key. 3.
- Enter a short description in the **Details** field and press the **Down** Navigation key. 4.
- 5. Continue to enter other information including Start date, Due date, Alarm, Alarm date, Alarm time, Alarm tone and Priority.
- Press Save when you are finished. Your Task list saves to the Calendar. 6.

Editing the Tasks List

When you select the Tasks list menu, the current contents display with a status checkbox and a priority marker.

If the item was done, a check displays in the checkbox.

High priority items display a "1" triangle icon, Normal priority items display a "2" triangle icon, and Low priority items display a "3" triangle icon.

- 1. From Idle mode, press Menu \rightarrow Organizer \rightarrow Tasks and press the Select soft key or \square .
- Highlight a task from the list, then press a. 2.
- Highlight a field to edit and press 3. **•**
- Edit the items you want to change and press when your edits are complete. 4.

Memo

This option allows you to create notes to add to your events.

- From Idle mode, press Menu \rightarrow Organizer \rightarrow Memo and press the Select soft key or \square . 1.
- Press **Options** \rightarrow **Create** and press **(b)** to create a new memo. 2.

A blank Memo screen displays.

Enter your text and press **c** to save. 3.

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. From Idle mode, press Menu → Organizer → Calculator and press the Select soft key or 📷 .
- 2. Enter the first number using the numeric keys.
- 3. Use the Navigation keys to select the calculation method, according to the illustration on the display.
- 4. Enter the second number using the numeric keys.

Note: Press the Left soft key to insert a decimal point, or press it multiple times to create brackets. Press **#**≤[•] to enter the less-than sign, or press *****_€ to enter the greater-than sign.

5. Press c to view the result.

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.

- From Idle mode, press Menu → Organizer → Tip calculator and press the Select soft key or a.
- 2. In the Bill field, enter the check amount.

Note: Press \star_{\oplus} to enter a decimal point for the exact dollar amount.

 Use the Down Navigation key to highlight Tip(%) percentage. 15 is the default value but you can change this value.

The Tip(\$) field value calculates according to the values entered.

- Use the Down Navigation key to move to the # paying field to change the number of people contributing to the tip amount.
- 5. The You pay field displays the total for each individual.

World Clock

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 use the second setting to check other city times.

- 1. From Idle mode, press Menu → Organizer → World Clock and press the Select soft key or 💼
- 2. Press **Options** \rightarrow **Add** to create a new time zone.
- 3. Press the Left or Right Navigation key until the desired GMT time zone displays in the field.
- Press the Down Navigation key and press to place a check mark in the Daylight saving checkbox (if applicable).
- 5. Press OK to confirm your settings.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

- 1. From Idle mode, press Menu → Organizer → Converter and press the Select soft key or 📷
- 2. Scroll to the conversion feature you want to use and press the Select soft key or or .
- Use the Up, Down, Left, and Right navigation keys to select the From and To units of measure for the quantity you want converted.

Tip: Press \star_{\oplus} to insert a decimal point.

4. 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. From Idle mode, press Menu \rightarrow Organizer \rightarrow Timer and press the Select soft key or \square .



- 2. Press the Set soft key and enter the length of time as HH:MM:SS and press OK.
- 3. Press key to start the timer. Press control to pause the timer.
- Press r when you are finished. 4.

Stopwatch

This feature allows you to use a stopwatch. Press Reset to erase all previously recorded stopwatch times. Press OK to start the stopwatch. Press Stop to stop recording the lap time. Press Lap to start a new lap time. You can

view up to 50 lap times.

RSS reader

The RSS reader feature allows you to read up-to-date web pages, news, and other information (such as updates) distributed through an RSS feed.

Enter the RSS feed address in the RSS reader to create an entry, then periodically update the entry manually or automatically.

To set up the RSS reader feature:

- From Idle mode, press Menu → Organizer → RSS reader and press the Select soft key or 1.
- Press Options → Add. 2.
- 3. Enter a URL for the RSS feed, then press The URL automatically retrieves.

To configure the RSS reader settings:

- 1. From Idle mode, press Menu \rightarrow Organizer \rightarrow RSS reader and press the Select soft key or \square .
- Press Options → Settings and press
 Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press Options → Settings and press Image: Press I
- 3. Highlight Auto update and press 💼 .
- Press the Right Navigation key to select the frequency the RSS reader updates: RSS reader launch, Daily, or Weekly.
- 5. Press Save to confirm and save your selections.

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.

Refresh Faves

Each time you change Faves information you can keep that information updated by using Refresh Faves.

Personalize

Using this menu you can personalize the Sound, Display, Phone, Messaging key, Memory settings, Language, Greeting message, and Time and Date.

Sound profiles

You can customize various sound settings.

1. From Idle mode, press Menu → Settings → Personalize → Sound profiles and press the Select soft key



The following options display:

- Normal: the phone's incoming Alert Type is set to melody.
- Silent: the speaker is muted.
- Vibration: the phone vibrates but does not play any other sound or melody.
- Driving: the speaker is activated and launches the currently selected ringtone or melody when the associated notification is activated.
- Outdoor: the speaker is activated, the volume settings are raised to their highest levels, and any currently active ringtones or melodies are activated.

Display settings

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

► From Idle mode, press Menu → Settings → Personalize → Display settings and press the Select soft key

or 🗖 .

The following options display:

Wallpaper

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

- From Idle mode, press Menu → Settings → Personalize → Display settings → Wallpaper and press
- Highlight Images → Wallpapers and press and press
- 3. Highlight a wallpaper from the list and press **Select** or **sele**
- 4. Press the Set soft key or 💼 to apply the wallpaper.
- 5. Press Back to return to the Personalize menu.

Dialing display

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

To change the type of the font:

- From Idle mode, press Menu → Settings → Personalize → Display settings → and press the Select soft key or
- 2. From the Display settings menu, highlight Dialing display and press the Select soft key or 📷 .
- 3. Select the Font type option and press the Select soft key or 📷 .
- 4. Use the Left or Right Navigation key to select between: Normal 1 or Normal 2 and press Save.

To change the size of the font:

- From Idle mode, press Menu → Settings → Personalize → Display settings → and press the Select soft key or
- 2. From the Display settings menu, highlight Dialing display and press the Select soft key or 📷 .
- 3. Select the Font size option and press the Select soft key or 📧 .
- 4. Use the Left or Right Navigation key to select between: Small, Medium, or Large and press Save.

To change the color of the font:

- From Idle mode, press Menu → Settings → Personalize → Display settings → and press the Select soft key or
- 2. From the Display settings menu, highlight Dialing display and press the Select soft key or 📷 .
- Highlight the Font color option and press the Select soft key or
- 4. Use the Left or Right Navigation key to select either Monochrome, Gradation, or Basic (black or white). If you select Monochrome or Gradation, select another option by pressing the Down Navigation key then scroll through the available choices. Choose from up to 15 different options.
- 5. Press Save to save your change. Otherwise, press the Back soft key.

To change the background color:

- From Idle mode, press Menu → Settings → Personalize → Display settings → and press the Select soft key or
- 2. From the Display settings menu, highlight Dialing display and press the Select soft key or a.
- Highlight the Background color option and press the Select soft key or
- 4. Use the Left or Right Navigation key to select between 16 different colors.
- 5. Press Save to save your change. Otherwise, press the Back soft key.

Brightness

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

- From Idle mode, press Menu → Settings → Personalize → Display settings → Brightness and press the Select soft key or
- 2. Press the Left or Right Navigation keys to adjust the level (from 1-5).
- 3. Press Save to save your changes.

Backlight time

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 going off.

The On setting is how long the keypad backlight is on.

- From Idle mode, press Menu → Settings → Personalize → Display settings → Backlight time and press the Select soft key or
- 2. Highlight the **On** field and press **I** to edit the time. Selections are **5 seconds**, **15 seconds**, or **30 seconds**.

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

- Highlight the Dim field and press at to edit the time. Selections are Off, 5 seconds, 15 seconds, or 30 seconds.
- 2. Press OK to save your changes, or Back to cancel.

Keypad light

In this menu you can configure the keypad light to turn on and off at any time. The default "Use at any time" allows you to use the keypad light any time day or night. When you select the "Use at custom time" option you can set the time the keypad light is on.

- From Idle mode, press Menu → Settings → Personalize → Display settings → Keypad light and press the Select soft key or □.
- 2. Highlight the Set time field and press the Right Navigation key to select Use at custom time.
- 3. Highlight the After time field and enter the time you want the keypad to come on. (example, after 5:00pm)
- 4. Highlight the Until time field and enter the time you want the keypad to shut off.
- 5. Press Save to save your selections. or press Back to cancel.

Phone settings

You can customize various phone settings.

► From Idle mode, press Menu → Settings → Personalize → Phone settings and press the Select soft key

or 💽

The following options display:

Airplane mode

Airplane Mode allows you to use many of your phone's features, such as Games, Voice Notes, , 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.

Highlight **On** or **Off** and press **Save**.

Keypad auto-lock

- From Idle mode, press Menu → Settings → Personalize → Phone settings → Keypad auto-lock and press the Select soft key or

 .
- 2. Press Off or On and press the Save soft key.

USB mode

This menu selects the method of communication for the USB port.

Important!: Note: The Bluetooth feature must first be disabled before initiating a USB connection with the phone. Prior to connecting the USB cable to the phone, install the latest version of the PC Studio application. This application installs the necessary USB drivers onto your machine.

- From Idle mode, press Menu → Settings → Personalize → Phone settings → USB mode and press the Select soft key or _____.
- 2. Select one of the following USB modes:
 - Samsung PC studio: sets PC Studio to launch as the default application when a USB connection is detected.
 - Ask on connection: requires the phone to display a message which requires you to assign a default USB application.
 - Mass storage: allows you to utilize the onboard storage capacity of the phone to store and upload files. This option allows your
 computer to detect the phone as a removable storage drive.

Security

Lock phone

When the Lock phone 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.

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

From Idle mode, press Menu → Settings → Personalize → Phone settings → Security → Lock phone and press the Select soft key or ____.

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.

Change phone 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.

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

- From Idle mode, press Menu → Settings → Personalize → Phone settings → Security → Change phone password and press the Select soft key or _____.
- 2. Enter your current password and then enter the new password twice.

Note: If you change your password, be sure to record it and keep it in a safe place. If you forget your password, contact your Service Provider for assistance.

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 Check PIN code feature is enabled. You must enter the current PIN before you can specify a new one.

Once you enter a new PIN, you are asked to confirm the PIN number by re-entering it.

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 the FDN list. You must enter your PIN2. You can obtain your PIN2 from T-Mobile's 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 T-Mobile) before you can specify a new one. Once you enter a new PIN2, you are asked to re-enter the new PIN2 to as confirmation.

Note: Not all SIM cards have a PIN2. This menu does not display if your SIM card does not have the PIN2 feature.

Data roaming

This feature allows you to enable or disable the data roaming feature on your handset.

Important!: Once data roaming is disabled, avoid applications that may reactivate the data roaming feature and charges incurred. Please contact your T-Mobile service center for details.

- From Idle mode, press Menu → Settings → Personalize → Phone settings → Data roaming and press the Select soft key or _____.
- 2. Highlight Enable or Disable and press Save.

Messaging key

This menu allows you to customize the Messaging key by assigning your favorite messaging application to the key. You can modify this setting any time.

1. From Idle mode, press Menu → Settings → Personalize → Messaging key and press the Select soft key

or 💌

2. If this is the first time you are programming this key, read the information that displays and press OK.

 Select the application (Create message, Message inbox, Audio Postcard, Email, IM, Exchange email or Voicemail) to assign to the messaging key and press Assign.
 When pressed, the messaging key shortcuts to this application.

Memory settings

Clear phone memory

From this menu you can clear the memory for Media, Messaging, Contacts, Calendar, Tasks, Memo, Exchange email, or Voicemail. You can all select All to clear everything listed.

- From Idle mode, press Menu → Settings → Personalize → Memory settings → Clear phone memory and press the Select soft key or
- Highlight one of the applications to clear, or highlight All to clear all the memory settings and press and press .
 A checkmark displays next to each application to clear.
- 3. Press **OK** to clear the application.
- 4. Enter your password in the Password field and press Confirm.
- 5. At the Clear? prompt, press Yes to confirm your action or No to cancel.

Memory Card Settings

From this menu you can view details about the memory card, format the memory card, rename the memory card, or turn Bluetooth visibility on or off.

- From Idle mode, press Menu → Settings → Personalize → Memory settings → Memory card settings and press the Select soft key or
- 2. Select one of the following options and press 💼 .
 - Memory card details: displays information about the memory card such as Name, Maximum size and Available memory.
 - Format memory card: allows you to reformat the memory card.
 - Rename memory card: allows you to rename the memory card.
 - · Bluetooth visibility on: allows you to turn the Bluetooth visibility On or Off.

Memory status

You can check the amount of the memory used and memory remaining for Shared memory, Messaging, Media, Calendar, Tasks, Memo, and Contacts.

- From Idle mode, press Menu → Settings → Personalize → Memory settings → Memory status and press the Select soft key or
 Image: A set of the set of the
- Highlight a category for which you want to view the memory status and press Select. The status for that category displays.

Language

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

- 1. From Idle mode, press Menu \rightarrow Settings \rightarrow Personalize \rightarrow Language and press \square .
- Highlight the Screen text field and press
- 3. Select one of the following options and press OK.
 - Automatic
 - English
 - Français
 - Español
- 4. Highlight the Input language field and press 💼 .
- 5. Select one of the following options and press OK.
 - English
 - Français
 - Español
- 6. Press Save to confirm your selections.

Greeting message

This menu allows you to set a greeting to display briefly when the phone is switched on.

For details about entering characters, see "Entering Text" on page 33.

- From Idle mode, press Menu → Settings → Personalize → Greeting message and press
 Image: A setting is a setting in the set of the
- 2. Press C to clear the text and enter the message you want to display in the greeting.
- 3. Press the **Options** soft key and select one of the following options:
 - Save: allows you to save the currently entered greeting message.
 - Select language: allows you to select Français or Español as the language with which to display your message.
 - Edit style: allows you to configure the Font color, Font size, or Font type for this greeting message.
 - Cancel: allows you to exit the menu and return to the Personalize options.
- 4. Press 💼 to confirm your selections.

Time and Date

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

- 1. From Idle mode, press Menu → Settings → Personalize → Time and date and press 💼
- 2. The following options are available:
 - Time zone updating: allows you to receive time information from T-Mobile's 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: displays a selectable list of 30 different time zones and allows you to select Daylight saving. Displays only if Manual only or Prompt first is selected.
 - Time: allows you to change the hour, minute and AM/PM.
 - 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.

To change your time and date settings:

1. Highlight the Time zone update field and use the Left or Right Navigation key to select Manual only.

Importantl: The Manual only or Prompt first option must be selected to activate the Time zone, Time, Date, and Time format.

- 2. Use the **Up** or **Down** Navigation key to select the option you want to change.
- To set the Time or Date, edit the field as you would edit text. For more information, refer to "Using Numeric Mode" on page 38.
- 4. Enter the desired number.
- 5. To change other options, use the Left or Right Navigation key to select the desired setting.
- 6. Press Save to save your changes, or Back to cancel.

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

My Account

This option provides you with account specific information such as your current activity, Monthly Usage, Bill Summary, Plan & Services, My Downloads, MobileLifeSM, Store Locator, Support, and Help.

Help

This option uses the browser to display the T-Mobile Help menu.

Bluetooth

For an explanation of the options available on the Bluetooth menu, see "Bluetooth" on page 95.

Menu design

The first time you turn on the phone your main menu displays as a Circle menu. Use this option to configure the display as either Circle or Grid menu format.

- 1. From Idle mode, press Menu → Settings → Menu design and press Select or 💼
- Highlight Circle menu or Grid menu and press Select or Your Main menu displays in either Circle or Grid menu layout.

Important!: When the menu design is changed to Grid menu, some menu locations may change, or are not available. Notes are inserted throughout the manual when this occurs.

Manage Online Albums

This menu allows you to manage the addresses for Flickr, Kodak, Photobucket, or Snapfish.

- 1. From the Settings menu, select Manage Online Albums and press the Select soft key or or .
- 2. Select one of the services, Flickr, Kodak, Photobucket, or Snapfish and press View.
- 3. Press Edit and enter a new Email address in the Email address field.
- 4. Press 💼 to save your entry.

Call settings

Answering mode

The Answer Options menu allows you to select how your phone answers incoming calls.

- From Idle mode, press Menu → Settings → Call settings → Answering mode and press the Select soft key or mail.
- 2. Press sty key to save your selection. Options include:
 - Send key: answers an incoming call by pressing either the Accept soft key or the
 - 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.

1. From Idle mode, press Menu → Settings → Call settings → Auto redial and press the Select soft key



- Press the Up or Down Navigation key to make your selection then 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 redial the number.

Show my number

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

- From Idle mode, press Menu → Settings → Call settings → Show my number and press the Select soft key or □.
- 2. Highlight your selection and press at to make your selection.
- 3. Press Save to save your new selection. Options include:
 - Set by network: uses the default network information to identify you to the other party.
 - Show number: displays your identifying information to the other recipient.
 - Hide number: hides your identifying information from the other recipient.

Call forwarding

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

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

To set your call forwarding options:

- From Idle mode, press Menu → Settings → Call settings → Call forwarding and press the Select soft key or real.
- 2. Select a call forwarding option then press the Select soft key or of a

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 T-Mobile or when your phone is switched off.
- Cancel all: all call forwarding options are canceled.
- 3. Enter the number in which to forward the calls in the Forward to text box and press the Select soft key

or 🗖 .

- Select Options → Activate, Deactivate, or Check status then press the Select soft key or .
 The current status displays. If the option was already set, the number to which the calls are forwarded displays.
- When you select If No reply in step 2, select (from the Waiting time field) 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.

To set your call waiting options:

- From Idle mode, press Menu → Settings → Call settings → Call waiting and press the Select soft key or □.
- Select Options → Activate, Deactivate, or Check status then press the Select soft key or
 Image: The current status displays. If the option was already set, the number to which the calls are forwarded displays.

Call status tones

or 🗖 .

This option allows you to activate the phone to alert you when the call connects with a Call connect tone, Minute minder, or Call end tone.

- 1. From Idle mode, press Menu → Settings → Call settings → Call status tones and press the Select soft key
- Highlight Call connect tone, Minute minder, or Call end tone and press to insert a check mark beside your selection.

3. Press **Options** → **Save** to save your selection.

Alerts on call

This menu determines whether you are alerted with a sound during a call.

- From Idle mode, press Menu → Settings → Call settings → Alerts on call and press the Select soft key or
 .
- 2. Highlight Off or On and press Save.

Auto reply

This feature sets up an automatic text reply for incoming calls.

- 1. From Idle mode, press Menu → Settings → Call settings → Auto reply and press the Select soft key or a
- 2. Highlight the Activation field and press the Right Navigation key to turn the Activation On.
- 3. Press the Down Navigation key and enter a reply message in the Reply to send field.
- 4. Press **Options** → **Save** to save your selection.

Call history management

Call time

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

Note: The actual time invoiced by T-Mobile may differ from times displayed on your phone due to network features and service plan.

The following time logs are available:

- Last call time: shows the length of your last call.
- Total incoming: shows the total length of all calls you have received since the timer was last reset.
- Total outgoing: shows the total length of all calls you have made since the timer was last reset.
- Life time: shows the total length of time for both incoming and outgoing calls. You cannot clear this information.

Delete all history

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

- From Idle mode, press Menu → Settings → Call settings → Call history management → Delete all history and press the Select soft key or
- 2. Select one of the following call logs and press a to place a check mark next to the item to delete.
 - All calls
 - · Missed calls
 - Dialed calls
 - Answered calls
 - Voicemail
- 3. Press Delete.
- 4. At the Delete? prompt, press Yes to delete the selected category, or No to cancel.

Advanced

Network

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. From Idle mode, press Menu → Settings → Advanced → Network and press the Select soft key or Development of the select soft key or Development
- 2. Select Search now and press the Select soft key or or .
- Highlight the network to which you want to connect and press the Select soft key or
 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
- 2. Highlight one of the following options and press the Select soft key or 💼 .
 - 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 key.
 The phone scans the selected network and attempts to connect. If a connection is available, you are connected.

Software update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone.

1. From Idle mode, press Menu → Settings → Advanced → Software update and press the Select soft key



2. Press 💼 key to continue the update process and follow the on screen instructions.

Reset settings

Reset settings

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

The following options are available:

- All: Phone, Display, and Sound 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.

To reset your settings:

- From Idle mode, press Menu → Settings → Reset settings → Reset settings and press the Select soft key or .
- 2. Highlight one of the options or highlight All and press 💼 to place a check mark next to the option.
- 3. Press Reset enter your password and press Confirm.
- 4. At the Reset settings? prompt, select Yes to confirm or No to cancel.

Master reset

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

- From Idle mode, press Menu → Settings → Reset settings → Master reset and press the Select soft key or .
- 2. Enter your password and press Confirm.
- 3. At the Reset settings? prompt, press Yes to reset the settings or No to cancel.

Diagnostic Tools

A customer care (diagnostic) solution is provided on this handset. This solution allows your carrier to efficiently solve subscriber service issues from a T-Mobile portal. To use this feature:

- From the Idle menu, dial 611 then press p from the handset to diagnose. Self-Help software immediately captures the call and displays a menu screen that displays frequently asked questions, troubleshooting and other tips and tricks.
- Using this portal, you can automatically configure your handset, using step-by-step instructions. You can
 also make account inquiries and pay bills.

Note: For more information, please contact T-Mobile customer service.

Section 14: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

GSM 850

- Head: 0.38 W/Kg.
- Body-worn: 0.78 W/Kg.

GSM 1900

- Head: 0.48 W/Kg.
- Body-worn: 0.05 W/Kg.

UMTS4

- Head: 0.63 W/Kg.
- Body-worn: 0.76 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. WARNING REGARDING DISPLAY

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET

If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, please refer to the "Standard Limited Warranty" on page page 151.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

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

In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

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

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

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

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

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

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

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

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

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

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

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

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

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or

more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones.

Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

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

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body
and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset
and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects.

Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

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

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

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

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

radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phone so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

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

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): <u>http://www.epa.gov/radiation/</u>
- Occupational Safety and Health Administration's (OSHA): <u>http://www.osha.gov/SLTC/radiofrequencyradiation/index.html</u>
- National Institute for Occupational Safety and Health (NIOSH): <u>http://www.cdc.gov/niosh/</u>
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: <u>http://www.icnirp.de</u>

- Health Protection Agency: <u>http://www.hpa.org.uk/radiation</u>
- US Food and Drug Administration: <u>http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/</u> <u>CellPhones/default.htm</u>

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:

- 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.
- 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.
- 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.
- Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
- 6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 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.

- Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
- 9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
- 10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special nonemergency 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.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution !: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

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

American Academy of Audiology

11730 Plaza American Drive, Suite 300 Reston, VA 20190 Voice: (800) 222-2336 Email: info@audiology.org Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health 31 Center Drive, MSC 2320 Bethesda, MD 20892-2320 Email: nidcdinfo@nih.gov Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W. Suite 9200 Patriots Plaza Building Washington, DC 20201 Voice: 1-800-35-NIOSH (1-800-356-4647) 1-800-CDC-INFO (1-800-232-4636) Outside the U.S. 513-533-8328 Email: cdcinfo@cdc.gov Internet: http://www.cdc.gov 1-888-232-6348 TTY Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- · Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions
 about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

Hearing Aid Compatibility with Mobile Phones

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.

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

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as userprogrammed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

- 1. If the phone is not on, switch it on.
- Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
- 3. Press the 🗖 key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park Quincy, Massachusetts USA 02169-7471 Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- · Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both
 installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is
 improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.

- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off
 and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is
 not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since
 overcharging may shorten its life.

- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with
 reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers
 should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement
 battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity
 and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may
 temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0
 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-lon batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- . Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp
 or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly
 dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized
 antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The
 personnel there will assist you, and if necessary, arrange for service.

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

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To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

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