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SGH-T639 Series

P O R T A B L E Q u a d - B A N D

M O B I L E P H O N E

User Guide

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



T639_UVGF2_CH_062107_F6

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Headquarters:	Customer Care Center:
1301 E. Lookout Drive	1000 Klein St.
Richardson, TX 75082	Plano, TX 75074
	Toll Free Tel: 1.888.987.HELP (4357)

Internet Address: http://www.samsungusa.com

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Section 1: Getting Started

Topics Covered

- SIM Card Information
- Turning the Phone On or Off
- Setting Up Your Voice Mail

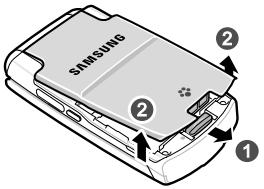
This section describes the first steps to operating your phone.

SIM Card Information

When you subscribe for 3G cellular network services, you receive a plug-in USIM (Universal Subscriber Identity Module) card loaded with your subscription details, such as your PIN, and available optional services.

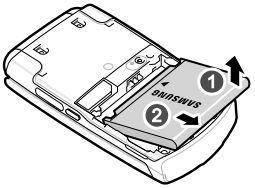
Install and charge the phone

1. If necessary, power-off the phone by holding down the key until the power-off image displays.
2. Remove the battery by pressing the battery lock down and slide the battery cover away, as shown.



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

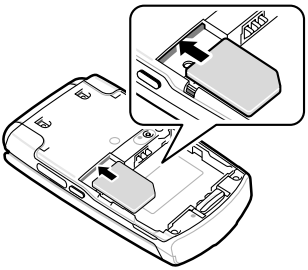
4. Lift and remove the battery.



Inserting the SIM card

Important!: The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Use caution when inserting or removing the card and keep all SIM cards out of reach of children.

Make sure the gold contacts of the card are face down, then slide the SIM card into the socket.

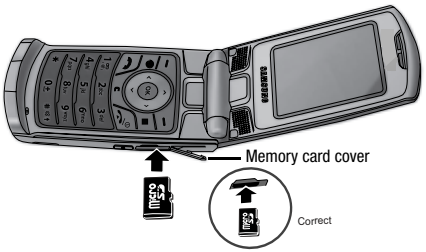


Inserting the Memory Card

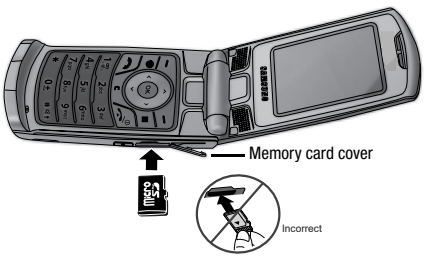
Your phone is supports an optional memory card (microSD™). The memory card is designed to use with this mobile phone and other devices. You can store information on this memory card such as music, pictures, video or other files.

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1. Lift up the memory card cover, located on the right side of the phone as shown. Make sure the microSD's gold contact pins face downward.



2. The following is the incorrect method for inserting the Memory Card.



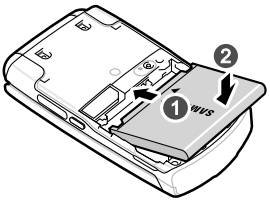
3. Gently push the microSD card into the slot until you hear a click sound.

Note: The click indicates that the card is secured in the slot.

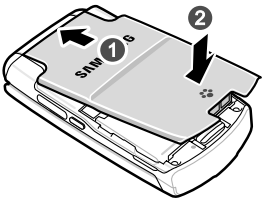
4. To remove the memory card, push the card further into the slot and then release. the card ejects itself from the slot. You will hear the click sound when the card releases.

Installing the Battery

1. Align the battery tabs with the slots at the bottom of the phone.
2. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the phone.



3. With the battery in position on the phone, place the cover back on the handset and slide it in until it clicks.



Charging a Battery

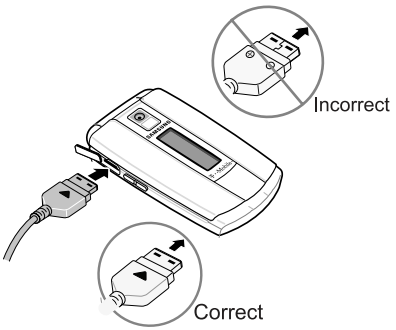
Your phone is powered by a rechargeable Li-ion battery. Use the travel adaptor to charge the battery, and use only Samsung approved batteries and chargers.

Note: You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

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

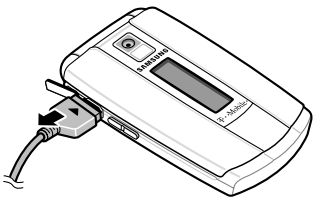
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1. Plug the connector of the travel adaptor into the jack on the side of the phone.



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

2. Plug the adaptor into a standard AC wall outlet.
3. When charging is finished, first unplug the adapter's power plug from the AC wall outlet and then disconnect the travel adapter's connector from the phone.



4. Remove the adapter from the phone by gently pulling the connector out.

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

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds, the “Low battery” message repeats at regular intervals on the display, and the empty battery icon blinks. The backlight turns off to conserve the remaining battery power.

If the battery level becomes too low, the phone automatically turns off. Recharge your battery.

Turning the Phone On or Off

1. Open the phone.
2. Press and hold the key until the phone power-on screen displays.

Note: Do not turn on the phone when mobile phone use is prohibited.

3. If the phone asks you to enter a password, enter a password and press the **Confirm** soft key or the OK key. For further details, see *"Change Phone Password"* on page 128.

   The phone searches for your network and after finding it, the Idle mode displays. Now, you can make or receive calls.

Note: The display language is preset to **Automatic** at the factory. To change the language, use the **Language** menu. For further details, see *"Phone settings"* on page 118.

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

Note: You must store the voicemail server number before accessing the server. Your service provider can give you the number.

Setting Up Your Voice Mail

To access you voice mail from your keypad, use the following steps:

1. Open the phone to access your keypad.
2. In Idle mode, press and hold the 1 key.
3. Follow the voice mail prompts to access messages.

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Accessing Your Voice Mail

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Call records** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Voice mail** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Connect to voice mail** and press the **Select** (Left) soft key or the OK key.

Tip: Press the 1 key to quickly access Voice Mail.

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

Changing the Voice Mail Name and Number

Your SIM card gives you default service number of the voice mail center. However, you may need to change the number. Use the following procedures to change your voice mail number.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Call records** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Voice mail** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Voice mail number** and press the **Select** (Left) soft key or the OK key.
5. Press the **Edit** softkey.
6. Highlight **Name** and press and press C to delete the current name from the Voice Service and then use your keypad to enter a replacement name.
   -OR-
7. Highlight **Center address** and press C to delete the current Voice Mail Number number.
8. Enter your new Voice Server number and press the **Save** soft key or the OK key to save this new number.
9. Press the key to return to Idle mode.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Open View of Your Phone
- Closed View of Your Phone
- Internal Display Layout
- Selecting Functions and Options
- Command Keys
- Help

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

Features of Your Phone

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

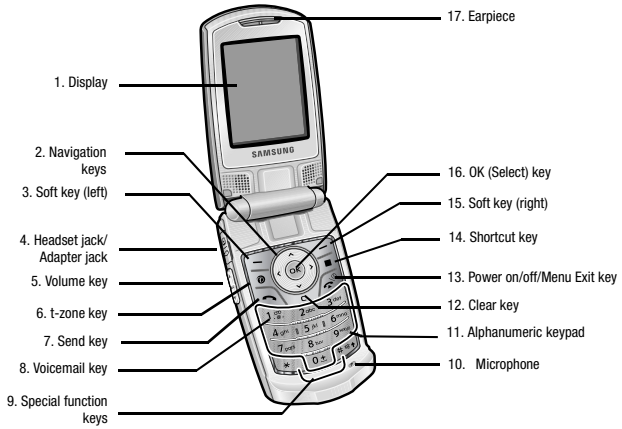
User friendly, menu driven access to features and options.

- Bluetooth
- Camera and camcorder
- Instant Messaging capability
- Featured applications provide alarms, calendar, calculator, voice notes, converter, timer, stopwatch, synchronizer, and world time.
- File viewer
- Name card
- Picture Message
- Multimedia capability (with included Media player)
- Photo caller ID
- Speakerphone capability
- Web browser

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Open View of Your Phone

The following illustrations show the main elements of your phone:



Keys

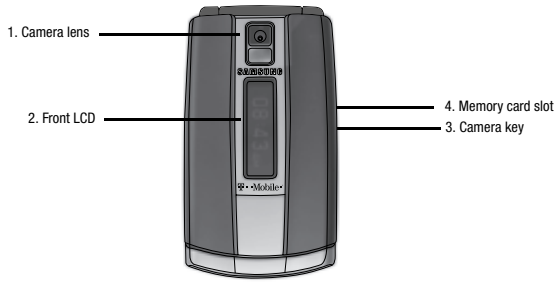
The following list correlates to the open and front view illustrations.

1. **Display**: This screen displays all the information needed to operate your phone.
2. **Navigation keys**: This key allows you to scroll through phone menu options and provides a shortcut to phone functions from standby mode.
3. **Soft key (Left)**: Performs the functions indicated by the screen text on the bottom of the display.
4. **Headset jack/Adapter jack**: Allows you to plug in the travel adapter (power), PC connection cable (data transfer), and optional headset for safe, convenient, hands-free conversations.
5. **Volume key**: Allows you to adjust the ringer volume in standby mode or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options. To mute the ringer during an incoming call, press the volume key up or down. When the phone is closed, press and hold these keys to toggle the display on or off. This key is also used when the Music Player is active.

6. **t-zone key**: In Idle mode, acts as a t-zone shortcut key.
7. **Send key**: Allows you to place or receive a call. In standby mode, press the key once to access the Recent Call log. If you press and hold the key down, you initiate the most recent call from the Recent Call log.
8. **Voicemail key**: Press and hold the 1 key to automatically dial your voicemail.
9. **Special Function keys**: Asterisk enters the * character for calling features. In text mode, press and hold * to display the Symbol characters. Pound/Space key-enters the pound # character for calling features. In text entry mode, press to toggle to the different text modes. Press and hold the # to toggle from Silent profile to Normal profile. In text mode, the 0 + key places a space between characters.
10. **Microphone**: The Microphone allows the other callers to hear you clearly when you are speaking to them.
11. **Alphanumeric keypad**: Use these keys to enter numbers, letters and some special characters. When in Idle mode, press and hold the 1 key to access your voicemail server or press and hold 0 + to enter an International call prefix.
12. **Clear key**: Deletes characters from the display when you are in text entry mode. Deletes items when in an application. When in a main menu, press to return to the previous menu.
13. **Power on/off/Menu Exit key**: Ends a call. Press and hold this key for a few seconds to power your phone On or Off. While in the main menu, it returns the phone to standby mode and cancels you input. When you receive an incoming call, press to reject call.
14. **Shortcut key**: Opens the application switch window which allows you to select from a group of different applications without having to exit from the currently active application.
15. **Soft key (Right)**: Performs the functions indicated by the screen text on the bottom of the display.
16. **OK (Select) key**: Allows you to accept the choices offered when navigating through a menu.
17. **Earpiece**: Used to listen to audio from your phone.

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Closed View of Your Phone



Keys

The following list correlates to the open and front view illustrations.

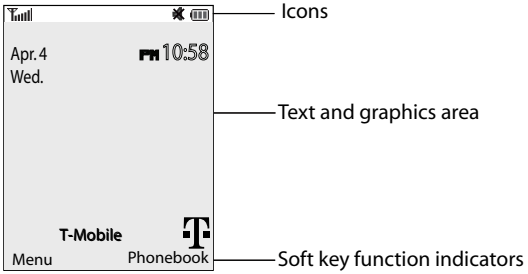
1. **Camera lens**: The camera lens is used for taking photos.
2. **Front LCD**: Your phone has an external display on the front of the phone. It indicates when you have an incoming call or message. It also displays date, time, reception, battery power, and any icons associated with alerts, such as messages, or a set alarm.
3. **Camera key**: While in Idle mode, holding down this key for a few seconds launches an on screen menu which provides access to the Camera or Video recorder. While in camera mode, this key allows you take/snap a picture.
4. **Memory card slot**: Used to install an optional microSD™ (memory) card for additional data storage.

Back Light

A back light illuminates the display and the keypad when you press any key or open the phone. It turns off when no keys are pressed within a given period of time, and/or dims the light, depending on the settings in the **Backlight Time** menu.

Internal Display Layout

The display has 3 areas:



Icons

Displays the received signal strength. The greater the number of bars, the stronger the signal.

Shows the level of your battery. The more bars you see, the more power you have remaining.

Displays when the phone's profile is set to **Normal**. This indicates that the phone's incoming Alert Type is set to melody. This audio icon is accompanied on screen by the Driving icon.

Note: The default phone profile is Normal.

Displays when the phone's profile is set to **Silent**. In this case, the speaker is muted and the phone only vibrates.

Displays when the phone's profile is set to **Driving**. In this case, the speaker is active. In this case, the speaker is active and launches the currently selected ringtone or melody when the associated notification is activated. This icon is accompanied on screen by the Audio icon.

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Displays when the phone's profile is set to **Outdoor**. In this case, the speaker is active, the volume settings are raised to their highest levels, and any currently active ringtones or melodies are activated.


Displays when an incoming call Alert Type is set to **Airplane**. This indicates that the phone's incoming Alert Type allows you to use many of your phone's features, such as Games, Music, Voice Memos, etc., but you cannot send or receive any calls or access online information.


Displays when Bluetooth wireless technology is active. When transferring data, this icon blinks red and blue.


Displays when a Bluetooth wireless headset is active and in use.


Displays when the phone is synchronizing data with the network.


Displays the first time your phone synchronizes with the network.


Displays when a call is in progress.


Displays when you there is no network coverage available. When you are out of the service area, you cannot make or receive voice calls.


Displays when your incoming phone calls are forwarded to another number.


Displays when a new voice mail is received.


Displays when a new voice note is received.


Displays when a new text message is received.


Displays when a new picture message is received.

Displays when a push-messages is received from the WAP server.

Displays when a new Over the Air (OTA) software update file is received.

Displays after your memory card is inserted.

Displays when you are connected to a PC via a USB port.

Displays when you are browing the internet with a Personal Computer.

Displays when you are connected to a secured web page.

Displays when an alarm is set on your phone.

Selecting Functions and Options

Your phone offers a set of functions that can be customized for your ease and specific needs. These functions are arranged in menus and sub-menus, accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.

In some functions, you may be asked for a password or PIN. Enter the code and press the **Select** (Left) soft key or the OK key.

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

Selecting Options

To view the various functions and options available and to select the one you want:

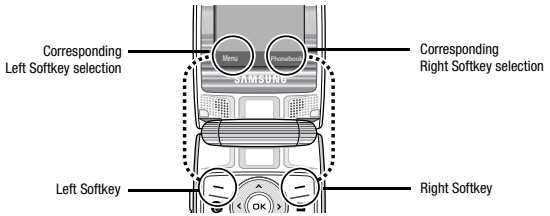
- Press the appropriate soft key.
- To select the function displayed or the option highlighted, press the **Select** (Left) soft key or the OK key.
- To view the next function or highlight the next option on a list, press the **Down** Navigation key or the ▼ key on the left side of the phone.

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- To move back to the previous function or option on a list, press the **Up** Navigation key or the ▲ key on the left side of the phone.
- To move back up one level in the menu structure, press the **Back** soft key.
- To exit the menu structure without changing the settings, press the key.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key and the right soft key .



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.

Left Soft Key

Some functions of the left soft key are as follows.

- In the Idle mode, press the **Menu** soft key to open the **Menu** screen.
- When in a menu mode the left soft key function is **Select**.

Right Soft Key

Some functions of the right soft key are as follows.

- When in a menu mode the right soft key function is **Back**.

Clear Key

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

- If you enter an incorrect character, briefly press C to backspace (and delete) the character.
- To erase the entire sentence, press and hold C.
- To back up one menu level, briefly press C.

End Key

The **End** key is used to turn on/off your phone, disconnect calls, and return to the standby mode.

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

Send Key

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

- Press once to answer calls.
- Enter a number and briefly press to make a call.
- Briefly press in standby mode to display a list of recent calls to and from your phone.
- Press twice in standby mode to call the most recent number.
- Press to pick up a waiting call.

Help

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

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Using the Navigation keys, scroll to the **Help** icon. Press the **Select** (Left) soft key or the OK key.
3. The **T-Mobile Help** menu is then displayed with the following options available:
   - **Browse Help Topics**: this option gives you a list of different topics from which you can select.

- **Enter a Search**: this option allows you to search based on a keyword.
- **My Account**: this option provides you with account specific information such as your current status, current activity, Bill Summary, Plan & Services, Voicemail Settings, Find a Retail Store, and FAQ's & Info.
- **About**: this option offers general information about T-Mobile Help including concept and site design, copyright information, and contact email address.

To access the browser options menu:

▶ Press the **Options** (Left) soft key.

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

For more information on browser options, see *"Selecting and Using Menu Options"* on page 64.

Section 3: Call Functions

Topics Covered

- Making a Call
- Answering a Call
- All Calls
- Call Time
- Silent Mode
- Options During a Call

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

Making a Call

When the Idle mode displays, enter the area code and phone number, and press the key.

Note: When you activate the **Auto Redial** option in the **Voice Call** menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone.

Making an International Call

1. Press and hold the 0+ key. The **+** character appears.
2. Enter the country code, area code, and phone number, then press the key.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

1. After entering a number:
   - Press the C key to clear the last digit displayed.
   - To clear another digit in the number, press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to clear. Press the C key.
   - To enter a missing digit press the **Left** or **Right** Navigation key until the cursor is in position and enter the digit.
   - To clear the whole display, press and hold the C key. The Idle mode displays.
2. Press the key to return to the Idle mode.

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Ending a Call

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

Redialing the Last Number

All incoming, outgoing and missed calls are listed in the **All Calls** Menu. If the number or caller is listed in your Phonebook, the name associated displays.

To access the **All calls** menu:

1. From the Idle mode, press the **Menu** soft key. Use the navigation keys to highlight **Call records** and press the **Select** (Left) soft key or the key.
2. Highlight the **All calls** option by pressing the **Up** and **Down** Navigation keys and press the **Select** (Left) soft key or the key.

Tip: From the Idle mode, press the key to display a list of the most recent numbers used in the order you dialed or received them.

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3. Use the **Up** and **Down** Navigation keys to scroll through the numbers until the number you want highlights.
4. To dial the number, highlight the number and press the key.

Making a Call from the Phonebook

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Phonebook**.

Once you store a number in the **Phonebook**, you can dial it by pressing a few keys using the **Speed Dial** feature.

For more information, refer to *"Finding a Phonebook Entry"* on page 46.

Answering a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the Phonebook.

1. From the Idle mode press the key or the **Accept** soft key to answer the incoming call.

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

   If the **Active flip** option in the **Call Settings** menu is activated, you can answer the call simply by opening the phone.

Note: To reject an incoming call, press and hold the Volume keys on the left side of the phone before opening the phone. A quick press of side volume key silences the ringer on an incoming call.

2. Press the key to return to Idle mode.

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

All Calls

The phone stores the numbers of the calls you've dialed, received, or missed in the **All calls** menu. If the number or caller is listed in your Phonebook, the associated name displays.

Viewing Missed Calls

The number of calls you missed displays on both the Idle mode and the front panel LCD. To view the number details, use the following steps:

1. If the phone is closed, open the phone.
2. From the Idle mode, press the **Menu** soft key. Use the navigation keys to highlight **Call records** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Missed calls** by pressing the **Up** or **Down** Navigation key and press the **Select** (Left) soft key or the OK key.

Note: If there is a voicemail sent by the same number, the associated icons display.

4. Press the **Up** or **Down** Navigation key to scroll through the list of missed calls.
5. Press the **Left** or **Right** Navigation key to move to another call type.

Viewing the Details of a Missed Call

To view the details of a selected missed call, use the following steps:

1. Press the **View** soft key. All call types display.
2. Press the **Up** or **Down** Navigation key to scroll through the list of missed calls.
3. Select the missed call and press the **Options** (Left) soft key.

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4. Highlight **Details** by pressing the **Up** or **Down** Navigation key and press the OK key.

Tip: Highlighting the contact name or number and pressing the OK key twice displays the call details.

Returning a Missed Call

To return a missed call number, use the following steps:

1. Press the **View** soft key. All call types display.
2. Press the **Up** or **Down** Navigation key to scroll through the list of missed calls.
3. Select the missed call and press the **Options** (Left) soft key.
4. Highlight **Copy to dialling screen** by pressing the **Up** or **Down** Navigation key and press the OK key.
5. Press the key to dial the missed call.

Saving a Missed Call to your Phonebook

To save the missed call entry to your Phonebook, use the following steps:

1. Press the **View** soft key. All call types display.
2. Select the missed call by pressing the **Up** or **Down** Navigation key and press the **Options** (Left) soft key.
3. Use the navigation keys to highlight **Save to phonebook** and press the **Select** (Left) soft key or the OK key.
4. Highlight the type of information you are saving to the phone, **New** or **Update** and press the **Select** (Left) soft key or the OK key.

For more information, refer to *"Adding a New Contact"* on page 48.

Sending a Message to a Missed Call

To send a text message or attachment to a missed call entry, use the following steps:

1. Immediately after missing a call, press the **View** soft key.
2. Press the **Options** (Left) soft key and select **Send Message**.
3. Press the **Right** navigation key and select **Messages** then press the **Select** (Left) soft key, or the OK key.
4. At the "Message" screen, press **Down** Navigation key.

5. Use the Alphanumeric keys to type in a message or press the **Options** (Left) soft key. to also **Insert** and Add items such as an: **Image**, **Sound**, or **Video**.
6. Press the **Send** soft key when you are finished.

Deleting a Missed Call

To delete a missed call entry, use the following steps:

1. Immediately after missing a call, press the **View** soft key.
2. Press the **Options** (Left) soft key and select **Delete**.
3. Press the **Right** navigation key and select **Selected** then press the **Select** (Left) soft key, or the OK key.
4. At the "**Delete**?" prompt, press either the **Yes** soft key to confirm deletion or **No** to cancel.

Note: You can press the OK key at any time to exit the **Missed Call** feature.

Call Time

1. From the Idle mode, press the **Menu** soft key. Use the navigation keys to highlight **Call records** and press the **Select** (Left) soft key or the OK key.
2. Highlight **All calls** by pressing the **Up** or **Down** Navigation key then press the **Select** (Left) soft key or the OK key.
3. Highlight the desired number or contact name and press the OK key.

   The Call Time displays on the screen.

Silent Mode

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

In Idle mode, press and hold the # key until the phone vibrates, the "Silent Profile on" message appears on screen. The Silent mode icon displays on the screen.

In Silent mode, your phone's speakers are muted. The phone vibrates and lights up the external LCD display or just light the external LCD display depending on the settings of the **Silent** Phone Settings feature.

To exit and reactivate the previous sound settings, press and hold the # key again until "Normal Profile on" displays. The Vibrate icon no longer displays.

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Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, if you want to adjust the earpiece volume, use the Volume keys on the left side of the phone.

Press the ▲ key to increase the volume level and the ▼ key to decrease the level.

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

Putting a Call on Hold

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

To put a call on hold:

1. While on a call, press the left **Options** (Left) soft key.
2. Highlight **Hold** and press the **Select** (Left) soft key. The call is on hold.
3. You can reactivate the call whenever you want, by pressing the **Resume** soft key.

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

1. Place the current call on hold using the previous procedures.
2. Enter the new phone number that you wish to dial or look it up in the Phonebook.
3. Press the key to dial the second call. Once connected, both calls are displayed on the screen.

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

To switch between the two calls:

1. Press the left soft key **Options**.
2. Highlight **Swap** and press the **Select** (Left) soft key. The current call (#2) is placed on hold and the previous call on hold (#1) is reactivated so that you can continue conversing with that person.
3. Press the key to end the currently selected call.

To end a call:

1. Press the **Options** (Left) soft key.
2. Highlight **End** and press the **Select** (Left) soft key.
3. Highlight the call you wish to end (**Active Call**, **Held Call**, or **All Calls**) and press the **Select** (Left) soft key.
4. Press the key to end the remaining call.

Using the Speakerphone Key

1. During a call, press the speaker on key.
2. Use the volume keys (located on the left side of your phone) to adjust the volume.

In Call Options

1. During a call, press the **Options** (Left) soft key to access the following:
   - **Mute**: Temporarily switches your phone's microphone off, so the other person cannot hear you.
   - **Hold**: Places the current call on hold.
   - **New Call**: Places the current call on hold and then allows you to enter and dial another number.
   - **Phonebook**: Accesses your Phonebook information.
   - **Save to Phonebook**: Saves or updates a contact to the Phonebook.
   - **Message**: Creates and sends a new SMS message.
   - **Whisper mode on/off**: Increases the microphone sensitivity level so that you do not have to speak louder to so the other party can hear.
   - **Mute keys**: Silences/mutes the key tones when on the call. To turn this feature off (unmute the keypad), return to this option and select **Send keys**.
   - **Send DTMF**: Sends DTMF (Dual Tone Multi-Frequency) tones to the contacts you selected. These DTMF tones are sent as a group. The DTMF tones are the tones used in phones for tone dialling, sounding when you press the number keys. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.
   - **View contact details**: Displays contact details for the contact engaged in this conversation.
   - **Calendar**: Temporarily accesses your calendar while still maintaining the current call active.
   - **Notes**: Associates a note with the current phone number.
   - **End call**: Allows you to end the current call.

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If you are in a multi-party call, the following options also display.

- **Join**: Joins all of the calls you established with your phone (both active and on hold).
- **Swap**: Places the current call on hold and then activates the previous call.
- **End**: Allows you to end the current call.

2. When you want to finish, end each call normally by pressing the key.

Muting or Sending Key Tones

These options allow you to turn the key tones off or on. If the **Silent** Profile option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which allows you to press keys without hearing annoying key tones during a call.

Note: To communicate with answering machines or computerized telephone systems, the **Normal** Profile option must be selected.

Switching off the Microphone (Mute)

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

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

During a call, to switch the microphone off temporarily:

1. Press the **OK** **Mute**. **Unmute** displays.
2. Press the **OK** **Unmute** to deactivate the Mute function.

Searching for a Number in Phonebook

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

1. Press the **Options** (Left) soft key.
2. Press the **Down** key to highlight the **Phonebook** option.
3. Press the **Select** (Left) soft key or the **OK** key.
4. Highlight the Phonebook entry by using the **Up** or **Down** Navigation key.
-OR-
5. Enter the first few letters of the contact into the Search field which then highlights the closest match in the Phonebook list.

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

For further details about the **Phonebook** feature, see *"Finding a Phonebook Entry"* on page 46.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress. If Call Waiting is supported by the network, and you have set the **Call Waiting** Menu to **Activate**; you are notified of an incoming call by a call waiting tone.

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

1. Press the key or the **Accept** soft key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the left **Options** (Left) soft key and highlight **Swap**.

To end a call on hold:

1. Press the **Options** (Left) soft key or the OK key
2. Select the **End call** option and press the **Select** (Left) soft key or the OK key.
3. To end the current call, press the key.

Note: Join: Joins all of the calls you established with your phone (both active and on hold).
Swap: Places the current call on hold and then activates the previous call.

3-Way Calling (Party Line)

The 3-Way or Multi-Line feature allows you to answer a series of incoming calls, place them on hold, and if this service is supported by the network, and join all of the calls together. the **Call Waiting** Menu to **Activate**. You are notified of an incoming call by a call waiting tone.

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

1. Press the key or the **Accept** soft key to answer the first incoming call.
2. Press the key or the **Accept** soft key to answer the consecutive incoming calls. The previous call is then automatically put on hold.
3. To Join the first two calls, press the left **Options** (Left) soft key and highlight **Join**.
4. Press the key to end the current call.

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Section 4: Entering Text

Topics Covered

- Changing the Text Input Method
- Using the T9 Input Method
- Using the Alphabet Input Method
- Using the Numeric Input Method
- Using the Symbols Input Method

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 entry system to reduce the amount of key strokes associated with entering text.

Changing the Text Input Method

The **Text Input** option switches the key entry functions from an T9 Alphabet, ABC (Alphabet), Numeric Mode, and Symbols Mode.

T9 Input Method (T9EAb, T9EAB, T9Eab)

This input method allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing the 5 key can enter J, K, or L. However, the **T9** method automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional Alphabet mode. The **T9 EAb** method makes the initial character an uppercase while the remaining characters are left as lowercase. The **T9 EAB** method all characters uppercase. The **T9 Eab** method makes all characters lowercase.

ABC (Alphabet) Input Method (abc and ABC)

This input method allows you to enter letters by pressing the key labeled with the letter you want. Press the key once, twice, three, or four times until it displays. The **abc** method makes all characters of the word lowercase. The **Abc** method makes the initial character an uppercase while the remaining characters are left as lowercase. The **ABC** method makes all characters of the word uppercase.

123

The numeric mode allows you to enter numbers.

SYM

The symbols mode allows you to enter symbols, such as punctuation marks.

The text input mode indicator displays on the screen when you are in a field that allows you to enter characters (such as in a text message).

1. To change the text input mode, press the key until the desired text input mode displays.
2. Choose from the following options:

   T9: T9EAb (completed words are initial uppercase), T9EAB (completed words are all uppercase) or T9Eab (completed words are all lowercase).

   ABC: abc (all lowercase), Abc (completed words are initial uppercase) and ABC (all uppercase).

   Numeric (123): configures the keypad to use only numbers in a text message.

   Symbols (SYM): provides an on screen table which allows you to select from the list of available symbols associated to each keypad.

Note: Press and hold the key to toggle the T9 and Text modes from initial uppercase to all uppercase to all lowercase. **Symbol mode**: press the number key corresponding to the symbol you want to enter. Use the Up and Down Navigation keys to scroll through the available symbols. Press the **Cancel** soft key to exit.

Using the T9 Input Method

T9 Predictive Text input method is based on a built-in dictionary.

Enter a Word in T9 Mode

1. In T9 method, begin entering a word by pressing the **2** to **9** keys. Press each key only once for each letter. The built-in dictionary lists words that match the keystrokes you entered.
2. Example: To enter “Hello”, press

   4 GHI, 3 DEF, 5 JKL, 5 JKL, 6 MNO

   The word that you are typing appears in the display. It may change with each key that you press.

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3. Enter the whole word before editing or deleting the keystrokes.
4. When the word displays correctly, go to step 5.

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

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

5. Insert a space by pressing the 0 key and start entering the next word.

Adding a New Word into the T9 Dictionary

1. After pressing the keys corresponding to the word you want to add, press the * key to display the alternative words.
2. When the last alternative word displays, **Spell** displays in the lower left corner of the screen. Press the **Spell** soft key.
3. Enter the word you want to add using the ABC mode.
4. Press the **Add** soft key or the OK key.

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

Note: This feature may not be available for some languages.

- To enter periods, hyphens, colons, or parenthesis, press the 1 key. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, press the # key. There are 3 cases: Initial capital, Capital lock, and Lower case.
- You can move the cursor by using the Left and Right navigation keys. To delete letters, press the C key. Press and hold the C key to clear the display.

Using the Alphabet Input Method

To use the ABC Alphabet input method press the 1 to 0 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.

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 move to the right automatically, 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 Shift 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 .@,?!'-:)(;/_+&1

2 abc
A B C Ä Å Æ Ç 2 a b c ä à å æ ç 2

3 def
D E F É Δ Φ 3 d e f è é Φ 3

4 ghi
G H I Γ 4 g h i ì Γ 4

5 jkl
J K L Λ 5 j k l Λ 5

6 mno
M N O Ñ Ö Ø Ω 6 m n o ñ ö ò ø Ω 6

7 pqrs
P Q R S Π Σ Ψ 7 p q r s β Σ Ψ 7

8 tuv
T U V Ü Θ 8 t u v ü ù 8

9 wxyz
W X Y Z Ξ 9 w x y z Ξ 9

0 + 0 (inserts space when held)

* Symbol (press and hold to switch to Symbol mode)

⇧ Shift (Toggles Lower/Uppercase)

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Using the Numeric Input Method

The Numeric mode enables you to enter numbers into a text message. Press the keys corresponding to the digits you want to enter.

Using the Symbols Input Method

The Symbol input method enables you to insert symbols and punctuation marks into text.

1. To enter symbol mode press the key until SYM displays in the lower right corner of the display.
2. Use the Navigation keys to select an on screen symbol group.
3. To select a symbol from that group, press the corresponding number key.
4. To clear the symbol(s), press the key. When the input field is empty, this key returns the display to the previous mode.
5. To return to your message, press the OK key.

Section 5: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Outline

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

Menu Navigation

Menus and sub-menus can be accessed by scrolling through them using the Navigation keys or by using the shortcut keys.

Accessing a Menu Function by Scrolling

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Scroll using the Navigation keys to reach a main menu, **Settings** for example. Press the **Select** (Left) soft key or the OK key to enter the menu.
3. If the menu contains sub-menus, **Phone settings** for example, you can access them by first highlighting the option and then by pressing the **Select** (Left) soft key or the OK key. If the menu you have selected contains further options, repeat this step.
4. To scroll through these menus, press either the **Up** or **Down** Navigation key or the **Volume** key (located on the left side of your phone). Press the **Select** (Left) soft key, or the OK key to make your selection.
5. To return to the previous menu level, press the **Back** soft key, the C key.
6. To exit the menu without changing the settings, press the key.

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Using Shortcuts

Numbered menu items, such as menus, sub-menus, and options can be quickly accessed by using their shortcut numbers. In Menu mode, Main Menus can be accessed by pressing the number keys (1 to 0) corresponding to their location on the screen.

Example: Accessing the Language menu.

1. Press the **Menu** soft key.
2. Press the 9wxyz key for **Settings**.
3. Press the 5jkl key for **Phone settings**
4. Press the 1 key for **Language**.
5. Press the OK key to display the list of available languages.

Menu Outline

The following list shows the menu structure and indicates the number assigned to each option.

1: Voice notes
2: Call records
  2.1: All calls
  2.2: Missed calls
  2.3: Incoming calls
  2.4: Outgoing calls
  2.5: Voice mail
  2.6: Speed dial
  2.7: Delete all
  2.8: Call time
3: t-zones
  3.1: Go to homepage
  3.2: Enter URL
  3.3: Bookmarks
  3.4: Saved pages
  3.5: History
  3.6: Advanced
    3.6.1: Clear cache

- 3.6.2: Empty cookies
- 3.6.3: Cookie options
- 3.6.4: Preferences
- 3.6.5: About browser

4: IM

- 4.1: Sign on
- 4.2: Saved conversations
- 4.3: Offline conversations
- 4.4: Settings
  - 4.4.1: Choose your community
  - 4.4.2: Community settings**
- 4.5: Help
  - 4.5.1: Service provider info
  - 4.5.2: Help text
    - 4.5.2.1: Sign up
    - 4.5.2.2: Sign on
    - 4.5.2.3: Buddies
    - 4.5.2.4: Sending IMs
    - 4.5.2.5: Receiving IMs
    - 4.5.2.6: Privacy
    - 4.5.2.7: Away

5: Messages

- 5.1: Create new
  - 5.1.1: Message
  - 5.1.2: Share picture
  - 5.1.3: Voice note
- 5.2: Inbox
- 5.3: Sentbox
- 5.4: Outbox
- 5.5: Drafts
- 5.6: My folders
- 5.7: Templates
  - 5.7.1: Text templates
  - 5.7.2: Picture message templates
- 5.8: Delete all

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- 5.9: Messages settings
  - 5.9.1: Text message
    - 5.9.1.1: Common settings
    - 5.9.1.2: Text message center settings
  - 5.9.2: Picture message
    - 5.9.2.1: Sending options
    - 5.9.2.2: Receiving options
    - 5.9.2.3: Auto resize image
    - 5.9.2.4: Creation mode
    - 5.9.2.5: Default style
  - 5.9.3: Broadcast message*
  - 5.9.4: Voice mail
  - 5.9.5: Push message
    - 5.9.5.1: Receiving option
    - 5.9.5.2: Service loading
  - 5.0: Memory status
- 6: Fun & Apps
  - 6.1: Media player
  - 6.2: Camera
  - 6.3: Sounds
  - 6.4: Images
  - 6.5: Videos
  - 6.6: Music
  - 6.7: Games
  - 6.8: Other files
  - 6.9: Memory status
- 7: Help
- 8: Organizer
  - 8.1: Alarm
    - 8.1.1: Wake-up alarm
    - 8.1.2: Alarm 1
    - 8.1.3: Alarm 2
    - 8.1.4: Alarm 3
    - 8.1.5: Alarm 4
    - 8.1.6: Auto power-up

- 8.2: Calendar
- 8.3: Tasks
- 8.4: Notes
- 8.5: Calculator
- 8.6: Tip calculator
- 8.7: World time
- 8.8: Sychronization
  - 8.8.1: Sync now
  - 8.8.2: View log
  - 8.8.3: Sync Settings
  - 8.8.4: About sync
- 8.9: Unit conversion
  - 8.9.1: Currency
  - 8.9.2: Length
  - 8.9.3: Weight
  - 8.9.4: Volume
  - 8.9.5: Area
  - 8.9.6: Temperature
- 8.0: Timer
- 8.*: Stopwatch

9: Settings

- 9.1: Sound Profiles
- 9.2: Display settings
  - 9.2.1: Main display
    - 9.2.1.1: Wallpaper
    - 9.2.1.2: Greeting message
    - 9.2.1.3: Main menu style
    - 9.2.1.4: Pop up list menu
    - 9.2.1.5: Dialing display
      - 9.2.1.5.1: Font type
      - 9.2.1.5.2: Font size
      - 9.2.1.5.3: Font color
      - 9.2.1.5.4: Background color
  - 9.2.2: Front display
    - 9.2.2.1: Greeting message

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- 9.2.2.2: Font color
- 9.2.3: Light settings
  - 9.2.3.1: Brightness
  - 9.2.3.2: Backlight time
  - 9.2.3.3: Keypad light
- 9.3: Shortcut key
- 9.4: Time & date
- 9.5: Phone settings
  - 9.5.1: Language
  - 9.5.2: Own number
    - 9.5.2.1: Default number
- 9.6: Call settings
  - 9.6.1: All calls
    - 9.6.1.1: Show my number
    - 9.6.1.2: Auto Block
    - 9.6.1.3: Answering mode
    - 9.6.1.4: Show caller ID
    - 9.6.1.5: Call status tones
    - 9.6.1.6: Alerts on call
  - 9.6.2: Voice call
    - 9.6.2.1: Call forwarding
    - 9.6.2.2: Call barring
    - 9.6.2.3: Call waiting
    - 9.6.2.4: Auto redial
- 9.7: Connectivity
  - 9.7.1: Bluetooth
    - 9.7.1.1: Turn Bluetooth On/Off
    - 9.7.1.2: My devices
    - 9.7.1.3: My visibility
    - 9.7.1.4: My phone name
    - 9.7.1.5: Security modes
    - 9.7.1.6: Features
      - 9.7.1.6.1: Headset
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9.7.2: Network selection
9.7.2.1: Search now
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9.9: Application settings
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9.9.1.1: Text message
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9.9.1.2: Picture message
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9.9.1.2.3: Auto resize image
9.9.1.2.4: Creation mode
9.9.1.2.5: Default style
9.9.1.3: Broadcast message*
9.9.1.4: Voice mail
9.9.1.5: Push message
9.9.1.5.1: Receiving option
9.9.1.5.2: Service loading
9.9.2: Camera settings
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9.9.4: Media player settings
9.9.5: Calendar settings
9.9.5.1: Starting day
9.9.5.2: Default view mode
9.9.6: Phonebook management
9.9.6.1: Speed dial

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9.9.6.2: Save new contacts to
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9.0: Security
- 9.0.1: Phone lock
- 9.0.2: PIN lock
- 9.0.3: Lock applications
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- 9.0.5: Change phone password
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9.*: Software Update
- 9.0.1: Continue Update

9.#: Reset settings

9.13: Memory settings
- 9.0.13.1: Clear memory
- 9.0.13.2: Memory status

* Displays only if supported by your SIM card.

**The IM menu settings determine your Default Community Setting

Section 6: Understanding Your Phonebook

Topics Covered

- Using Contacts List
- Phonebook Entry Options
- Adding a New Contact
- Dialing a Number from the SIM Card using the Location Number
- Managing Phonebook Entries
- Synchronizing your Phonebook
- My name card
- Speed Dial
- FDN Mode
- Printing via Bluetooth

This section allows you to manage your daily contacts by storing their name and number in your Phonebook. Phonebook entries can be sorted by name, entry, or group.

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

Using Contacts List

Dialing a Number from Phonebook

Once you have stored phone numbers in the Phonebook, you can dial them easily and quickly by either using their SIM card location number or by using the Search field to locate the entry.

Finding a Phonebook Entry

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

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

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Enter the first few letters of the name in the **Contacts** field.

   The Phonebook entries are then listed, starting with the first entry matching your input.
3. To select a different entry, press the **Up** or **Down** Navigation key until the entry you want is highlighted.
4. Once you locate the entry, press the key to dial the number, or press the **Options** (Left) soft key to access the Phonebook entry options.

Phonebook Entry Options

While accessing any Phonebook entry, press the **Options** (Left) soft key to use the options for the entry.

The following options are available:

- **Add new contact**: adds a new entry to either your Phone or SIM card.
- **View**: provides you with details about that contact entry. Press the **Back** (Right) soft key to return to the Phonebook listing.
- **Call**: dials the selected phone number.
- **Send message**: sends a message, shares a picture, or sends a Voice note to the selected entry.
- **Edit**: edits the properties of an entry such as: Name, Category, Group, or location. Press the OK key to save your changes.
- **Delete**: deletes either a selected Phonebook entry or multiple entries from a target location such as the Phone and/or SIM card.
- **Send name card via**: sends your name card attached to a message or to a Bluetooth enabled device.
- **My name card**: maintains your content infromation (such as name, phone number(s), Caller ID, etc.).
- **Assign speed dial**: sets the speed dial key for this entry.
- **Copy to Phone/SIM**: copies the selected contact information or multiple contacts' information from the SIM to the phone or from your phone to your SIM.
- **Move to Phone/SIM**: moves the selected contact information or multiple contacts' information from the SIM to the phone or from your phone to your SIM.

- **FDN Contacts**: Fixed Dialling Number mode restricts your outgoing calls and SMS calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored on the SIM FDN list.
- **Print via Bluetooth**: sends the selected contact entry information to a Bluetooth compatible printer.
- **Management**: manages the following:
  - Speed dial
  - Save new contacts to
  - View contacts from
  - Own number
  - Service number
  - Memory status

Adding a New Contact

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

Storing a Number in the Phone's Memory

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory. You can also save your numbers to your SIM card or setup a default location so that whenever a new phonebook entry is created, you are prompted to choose between **Phone** or **SIM card**. For information on how to change this setting, see *"Default Saving"* on page 51. Also, numbers that were stored on your SIM card can be copied later to your phone's memory.

1. When the Idle mode displays, enter the phone number.
2. Press the **Options** (Left) soft key.
3. Scroll to **Save to Phonebook** by pressing the **Up** or **Down** navigation key then press **Select** (Left) soft key or the OK key.
4. Select the type (New or Update) and press the **Select** (Left) soft key or the OK key.
5. From the **Select type** screen, select from the following category types:
   - **Mobile - private**: assigns the number entered as a Private Mobile entry.
   - **Mobile - business**: assigns the number entered as a Business Mobile entry.
   - **Landline - private**: assigns the number entered as a Private Landline entry.
   - **Landline - business**: assigns the number entered as a Business Landline entry.
   - **Fax**: assigns the number entered as a Fax entry.
   - **Etc**.: classifies the entry as a miscellaneous type.
6. Enter the desired information and press the **Options** (Left) soft key.

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7. Enter alphanumeric characters into each of the available fields:
   - **First name**: enters a first name for this entry.
   - **Last name**: enters a Last name for this entry.
   - **Display name**: enters a display name for this entry which then appears when you receive a call from this contact.
   - **Phone Number**: maintains or alters the currently entered phone number.
   - **Number Type**: enters an additional landline-private number to this entry.
   - **Contact E-mail**: enters a contact E-mail address for this entry.
   - **Group**: assigns this contact to group. Press the OK key to display available groups. Use the **Up** or **Down** Navigation keys to select a group. Press the **Select** (Right) soft key or the OK key to save your selection.
   - **Caller ID**: sets a graphic to the Caller ID for this contact. Press the **Options** (Left) soft key or the OK key to access the Fun & Apps menu.
   - **Ringtone**: chooses a ringtone for this contact information. Press the **Options** (Left) soft key or the OK key to access the Fun & Apps menu.
   - **Instant Messaging**: allows you to create an instant message.
   - **Notes**: Associates a note with the current phone number. Press the **Options** (Left) soft key, highlight **Save** or press the OK key to save the information for this entry.
8. Press the **Options** soft key or the OK key to save the information for this entry.

Storing a Number in the SIM Card

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

1. When the Idle mode displays, enter the phone number.
2. Press the **Options** (Left) soft key.
3. Scroll to **Save to Phonebook** by pressing the **Up** or **Down** navigation key then press **Select** (Left) soft key or the OK key.
4. Select the type (New or Update) and press the **Select** (Left) soft key or the OK key.

5. From the **Select type** screen, select one of the following category types to associate with the phone number you entered:
   - **Mobile - private**: assigns the number entered as a Private Mobile entry.
   - **Mobile - business**: assigns the number entered as a Business Mobile entry.
   - **Landline - private**: assigns the number entered as a Private Landline entry.
   - **Landline - business**: assigns the number entered as a Business Landline entry.
   - **Fax**: assigns the number entered as a Fax entry.
   - **Etc**.: classifies the entry as a miscellaneous type.
6. Enter the desired information and press the **Options** (Left) soft key.
7. Select **Save** and press the **Select** (Left) soft key or the OK key. The information saves by default to the Phone's memory.
8. Highlight the newly created contact and press the **Options** (Left) soft key.
9. Select **Copy to SIM** and press the **Select** (Left) soft key or the OK key.
10. Press the key to return to the Idle mode.

Dialing a Number from the SIM Card using the Location Number

1. In Idle mode, enter the location number for the phone number you want to dial and press the key.

   The contact entry information displays.

Note: If you cannot remember a location number, you must go into the **Contact list** menu in the **Phonebook** menu to search for the entry by name. For more information, refer to *"Finding a Phonebook Entry"* on page 46.

2. Press the **Up** or **Down** Navigation key to find other numbers on the list.
3. Select the contact entry from the list and press the **Call** (Left) soft key.

Note: The location number is the three-digit entry displayed on the screen.

Managing Phonebook Entries

You can copy, delete, and view the memory status for the Phone and SIM entries on your phone.

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Default Saving

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

- **Phone memory**: new phonebook contacts are saved to your phone. Your phone comes with the default set to Phone memory.
- **SIM memory**: new phonebook contacts are saved to your SIM card.
- **Always ask**: you are prompted to choose between Phone or SIM Card whenever you save a new contact.

Default Viewing

The **View contacts from** option allows you to choose where your contacts are viewed. The following options are available:

- **All**: displays all the contacts stored in both the phone's and SIM's memory.
- **Phone memory**: new phonebook contacts are automatically saved and viewed from the Phone memory.
- **SIM memory**: new phonebook contacts are viewed from the SIM card.

Synchronizing your Phonebook

This feature allows you to back up (synchronize) your Phonebook information stored on your handset with your T-Mobile account on the network.

Phonebook is wirelessly synchronized on your device using Microsoft Exchange Server and PC Studio.

Note: For more information, refer to *"Synchronization"* on page 108.

To synchronize your Phonebook with the TMobile network:

1. In Idle mode, press the **Menu** (Left) soft key.
2. Select **Organizer** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** by pressing the **Up** or **Down** Navigation key and press the **Select** (Left) soft key or the OK key.
4. Highlight **Sync Settings** and press the **Select** (Left) soft key or the OK key.
5. Highlight **Contacts** and press the OK key to place a check mark next to the Contacts selection.
6. Press the **Save** soft key.

   The PIM sync screen redisplays.

7. Select the **Sync now** option and press the **Select** (Left) soft key or the OK key.
8. When the "**Synchronization will start**" message displays, press the **Continue** soft key.
9. Press the key to return to the Idle mode.

My name card

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

1. In Idle mode, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key, scroll to **My name card** by pressing the **Up** or **Down** Navigation key and press the **Select** (Left) soft key or the OK key.
3. Enter information in each of the fields as desired. Use the navigation key to move between fields, then use the keypad to enter information.
4. Press the OK key to save.
5. Press the key to return to the Idle mode.

Sending a name card

This feature allows you to send a message to the selected entry which contains Phonebook entry information. This is sent as either a message or via Bluetooth.

Sending via Message

1. In Idle mode, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key and select **Send name card via**.
3. Press the **Right** navigation key and select **Message** then press the **Select** (Left) soft key or the OK key.
4. Enter the Contact phone number in the text field and press the **Down** navigation key.
   The cursor blinks inside the blank text field.
5. Type your message and then press the **Send** (**OK**) soft key.
6. Press the key to return to the Idle mode.

Sending via Bluetooth

1. In Idle mode, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key and select **Send name card via**.
3. Press the **Right** navigation key and select **Bluetooth** then press the **Select** (Left) soft key or the OK key.

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4. Highlight **Selected** or **Multiple** by pressing the **Up** or **Down** navigation key to indicate who receives this message and press the **Select** (Left) soft key or the OK key.

   The handset searches and locates the available Bluetooth devices.
5. Select the device type from the list by pressing the **Up** and **Down** navigation key then press the **Select** (Left) soft key or the OK key.
6. Press the key to return to the Idle mode.

Speed Dial

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

- In Idle mode, press and hold key (2-9) to speed dial the phone number assigned to this key.

Setting Up Speed Dial Entries

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key and select **Management** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Speed dial** and press the **Select** (Left) soft key or the OK key.
4. Select the key in which you wish to assign the speed-dialing number (from the 2 to 9 keys), and press the **Options** (Left) soft key, highlight **Add** and press the Right navigation key.
5. Select **Contacts** or **FDN contacts** and press the **Select** (Left) soft key or the OK key.
6. Select a contact from the list and press the **Select** (Left) soft key or the OK key.

Note: Memory location 1 is reserved for your Voice mail server number.

Changing a Number Assigned to a Key

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key and select **Management** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Speed dial** and press the **Select** (Left) soft key or the OK key.

4. Select the key in which you wish to reassign the speed-dialing number (from the 2 to 9 keys), and press the **Options** (Left) soft key, highlight **Change** and press the **Right** navigation key.
5. Select **Contacts** or **FDN contacts** and press the **Select** (Left) soft key or the OK key.
6. Select a contact from the list and press the **Select** (Left) soft key or the OK key.
7. After the "**Change speed dial?**" screen appears, press the **Yes** soft key to save the new speed dial entry and overwrite the previous information.
8. Press the key to return to Idle mode.

Deleting Speed Dial Entries

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key and select **Management** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Speed dial** and press the **Select** (Left) soft key or the OK key.
4. Select the key in which you wish to delete the speed-dialing number (from the 2 to 9 keys), and press the **Options** (Left) soft key, highlight **Remove** and press the **Select** (Left) soft key or the OK key.
5. At the "**Remove?**" screen appears, press the **Yes** soft key to delete the speed dial entry.
6. Press the key to return to Idle mode.

FDN Mode

FDN (Fixed Dialing Number) mode, if supported by your SIM card, restricts your outgoing calls and messages to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

The following options are available:

- **Off**: you can call any number.
- **On**: you can only call the phone numbers stored in the SIM FDN list.

You must enter your PIN2 password.

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

Copying an Entry to the Phone

You can copy a SIM entry to the Phone by using the Duplicate option. When you copy entries to the phone, duplicate entries are created.

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Select an entry which currently resides on the phone.
   - If the entry's associated Group graphic has a SIM location icon on it, then the entry already exists on the SIM card. This is the type you can duplicate.
   - If the entry's associated Group image does not have a SIM location icon, then this entry currently also exists on the phone.
3. Press the **Options** (Left) soft key, highlight **Copy to phone**, and press the **Right** navigation key to select **Selected** then press the **Select** (Left) soft key or the OK key.
4. Press the key to return to Idle mode.

Note: Options are available for phone entries that are not available when stored to the SIM card. For details see 'Storing a Number in the Phone's Memory" on page 48.

Copying an Entry to the SIM

You can copy a Phone entry to the SIM by using the Duplicate option. When you copy entries to the phone, duplicate entries are created.

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Select an entry which currently resides on the phone.
   - If the entry's associated Group graphic has a SIM location icon on it, then the entry already exists on the SIM card.
   - If the entry's associated Group image does not have a SIM location icon, then this entry currently exists on the phone.
3. Press the **Options** (Left) soft key, highlight **Copy to SIM**, and press the **Right** navigation key to select **Selected** then press the **Select** (Left) soft key or the OK key.
4. Press the key to return to Idle mode.

Deleting All of the Phonebook Entries

You can delete All, Phone, SIM, and SIM (FDN) entries from your phone's memory.

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key, highlight **Delete**, and press the **Right** navigation key.

3. Highlight **Multiple**, by pressing the **Up** or **Down** navigation key and press the **Select** (Left) soft key or the OK key.
4. Choose the location of the Phonebook entries you wish to delete (**Phone**, **SIM**, or **Phone & SIM**), press the **Select** (Left) soft key or the OK key.
5. Highlight **Phone & SIM** and press the OK key.

   A checkmark displays adjacent to every entry in the list. You can remove the check mark by pressing the OK key again.
6. Press the **Delete** soft key to delete the entries from the selected memory location.
7. At the **Delete?** confirm screen, press the **Yes** soft key to continue, or the **No** soft key to cancel.
8. Enter the password and press the **Confirm** soft key or the OK key.
9. Press the key to return to Idle mode.

Checking the Memory Status

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

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key.
3. Highlight **Management** and press the **Select** (Left) soft key or the OK key.
4. Scroll to **Memory status** by pressing the **Up** or **Down** Navigation key and press the **Select** (Left) soft key or the OK key.
   The Phone, SIM and FDN status displays.
5. Press the key to return to Idle mode.

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.

1. When the Idle mode displays, press the **Phonebook** (Right) soft key.
2. Press the **Options** (Left) soft key, highlight **Management**, and press the OK key.

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3. Scroll to **Service number** by pressing the **Up** or **Down** Navigation key and press the OK key.
   The available service numbers are listed on the Service number display screen.
4. Scroll through the numbers by using the **Up** or **Down** Navigation key.
5. To dial the number displayed, press the Send key.
6. Press the Power key to return to Idle mode.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Printing via Bluetooth

Remote Bluetooth printer allows you to print images, text messages, and personal data (for example, namecard, calendar item). For more information, refer to *"Bluetooth Printing"* on page 124.

Section 7: t-zones

Topics Covered

- Accessing the t-zones Homepage
- Entering a URL
- Using Bookmarks
- Saved pages
- Using your History
- Clearing the Cache
- Clearing the Cookies
- Preferences
- About browser

Your phone is equipped with a WAP (Wireless Application Protocol) browser which allows you to access the Internet. This section explains how to access the WAP services of your service provider and navigate the WAP browser.

Accessing the t-zones Homepage

1. In Idle mode, press the key to launch the WAP browser.

   -OR-

   Press the **Menu** (Left) soft key to access menu mode, highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
2. Select **Go to Homepage** and press the **Select** (Left) soft key or the OK key. Your phone connects to the network and loads the Internet homepage. The content of the start-up homepage contains the following selections:
   - **Search**: enters a test string into the field and then searches the t-zones database for matches. Once you enter a word, press the **Right** Navigation key to select the Search button and press the OK key to begin your search.
   - **My Account**: provides access to a listing of your most recent purchases and available product (services). From the My Account screen, highlight Current Activity and press the OK key to begin.

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- **Hot picks**: provides a list of the most popular web page topics. Highlight a link from the list and press the OK key to navigate to that web page.
- **Music & Sounds**: provides a list of HiFi Ringers®, MegaTones®, CallerTunes®, Voices & Sounds, Promotions, and information about Music & Sounds as well as Subscription information. Highlight a link from the list and press the OK key to navigate to that web page.
- **Games**: (your plan must include the T-Mobile game download service for this option to be active.)

Note: Prior to using this service you must agree to the terms of the service agreement and setup the service on your handset at http://www.t-mobile.com/plans.

- **Wallpaper**: provides a link to download images to use for wallpaper on your phone's screen. You can also choose STylePaper™, a selection of wallpaper that you can customize by adding your name or other text. Highlight a link from the list and press the OK key to navigate to that web page.
- **Messaging**: offers a list of messaging plans to purchase. The messaging center allows you to access a variety of web-based messaging services and applications. Highlight a service from the list and press the OK key to begin using the service.

Note: Prior to using this service you must agree to the terms of the service agreement and setup the service on your handset at http://www.t-mobile.com/plans.

- **Web & Applications**: displays a list of T-MobileWeb, My Album and Applications to purchase. Highlight a service from the list and press the OK key to begin using the service.
- **411 & More**: displays a selectable list of services (such as Person Lookup, Business Lookup, Movie Times, Sport Scores, Weather, and Horoscope) that, when selected, connects you to a live 411 operator.

3. To scroll through the screen, use the **Up** and **Down** Navigation keys.
4. Press the key to exit the browser at any time.

Entering a URL

There are several ways to access a WAP site:

- Selecting a link on the browser
- Entering a URL address manually; use the Go to URL option on the browser menu list.

Using Bookmarks

While navigating through either the Internet or the t-zones pages, you can bookmark a site to quickly and easily access it at a future time. The URL addresses of the bookmarked sites are stored in the Favorites folder, where you can either use the 6-preset URL addresses and store your own favorite URL addresses.

Accessing a WAP Site Using Bookmarks

1. When the Idle mode displays, press the **Menu** soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Select **Bookmarks** and press the **Select** (Left) soft key.
4. Highlight a bookmark item on the Bookmark list.
5. Press the **Options** (Left) soft key to select **Go to** or press the OK key.

Storing a URL Address as a Bookmark

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Select **Bookmarks** and press the **Select** (Left) soft key.
4. Press the **Options** (Left) soft key, highlight **Enter URL** and press the **Select** (Left) soft key or the OK key.
5. Enter the URL address and press the **Down** Navigation key to highlight the **Add bookmark** checkbox.

Tip: Use can use the 1 key to cycle through available symbols and choose the **.** (period) and the **@** (at) needed for most website addresses.

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6. Press the OK key to display a check mark in the **Add bookmark** checkbox and press the **Go to** soft key.
7. Press the key to return to Idle mode.

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Editing Bookmarks

1. From the **Bookmarks** list, select the bookmark you want to change.
2. Press the **Options** (Left) soft key. Highlight **Edit bookmark** and press the **Select** (Left) soft key or the OK key.
3. Change the address and the name, as you would when storing a new one.
4. Press the **Save** soft key.
5. Press the key to return to Idle mode.

Deleting Bookmarks

1. From the **Bookmarks** list, select the bookmark you want to delete.
2. Press **Options** (Left) soft key. Highlight **Delete** and press the **Right** Navigation key.
3. Highlight **Selected** and press the **Select** (Left) soft key or the OK key.
4. At the **Delete?** prompt press the **Yes** soft key to confirm the deletion.
5. Press the key to return to Idle mode.

Saved pages

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

Using your History

The History list provides you with a list of the most recently visited web sites. These entries can be used to return to previously unmarked web pages.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Highlight **History** and press the **Select** (Left) soft key or the OK key.
4. Use the **Up** or **Down** Navigation key to highlight an entry from the list.
5. Press the **Options** (Left) soft key. Highlight **Go to** and press the **Select** (Left) soft key or the OK key.
6. Press the key to exit from the browser.

Clearing the Cache

The cache is the phone's temporary memory in which the most recently accessed web pages are stored. You can clear the cache at anytime.

1. When the Idle mode displays, press the **Menu** soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.

3. Highlight **Advanced** and press the **Select** (Left) soft key or the OK key.
4. Select **Clear Cache** and press the **Select** (Left) soft key or the OK key.
5. Press the **Yes** soft key or the OK key to confirm the deletion.
6. Press the key to return to Idle mode.

Clearing the Cookies

A cookie is a small file which is placed on your phone by a web site during navigation. In addition to containing some site-specific information, it can also contain some personal information (such as a username and password) which can pose a security risk if not properly managed. You can clear this cookies from your phone at any time.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Advanced** and press the **Select** (Left) soft key or the OK key.
4. Select **Empty cookies** and press the **Select** (Left) soft key or the OK key.
5. Press the **Yes** soft key or the OK key to confirm the deletion.
6. Press the key to return to Idle mode.

Cookie Options

This option determines whether you Accept or Reject all cookies placed on your phone during web site navigation. You can also select the option to Prompt you to accept or reject cookies each time you navigate the web.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Advanced** and press the **Select** (Left) soft key or the OK key.
4. Select **Cookie options** and press the **Select** (Left) soft key or the OK key.
5. Highlight **Accept all**, **Reject all** or **Prompt** and press the **Select** (Left) soft key.
6. Press the key to return to Idle mode.

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Preferences

This option changes the settings for the web browser to suit your preferences.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **t-zones** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Advanced** and press the **Select** (Left) soft key or the OK key.
4. Select **Preferences** and press the **Select** (Left) soft key or the OK key.
5. Select from the following options:
   - Run JavaScript
   - Display images
   - Play sound
6. Press the key to return to Idle mode.

About browser

Navigating with the WAP Browser

1. To scroll through browser items, press the **Up** or **Down** Navigation keys.
2. To select a browser item, highlight a NetFront entry and press the OK key or press the **Options** (Left) soft key and choose **Select**.
3. To return to the previous page, press the C key, or press the **Options** (Left) soft key and choose **Back**.
4. To access the browser menu list, press the **Menu** (Left) soft key.
5. To return to the start-up homepage, press the **Menu** (Left) soft key and select the **Home** option.

Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. To change the text input mode, press the OK key one or more times.

The following modes are available:

- **Upper-Case Alphabet Mode (ABC)**: allows you to enter upper-case characters.
- **Lower-Case Alphabet Mode (abc)**: allows you to enter lower-case characters.

Note: You can enter symbols in upper or lower case alphabet mode by pressing the key.

- **T9 Mode (T9)**: allows you to enter characters by pressing one key per letter. In this mode, you can use only the **0** key to display alternative words. To change case, press the ***** key.
- **Number Mode (123)**: allows you to enter numbers.
- **Symbol Mode (Sym)**: allows you to enter symbols.

Note: For more information, refer to *"Entering Text"* on page 33.

Selecting and Using Menu Options

Various menus are available when you are using the WAP Browser to navigate the Wireless Web.

To access a menu option, press the **Menu** (Left) soft key. A menu list displays.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:

- **Go**: navigates Forward (next sequenced web page) or Backward (to the previously visited web page) through pages in your browsing history.
- **Reload**: reloads the current page with updated information.
- **Desktop view**: changes the display mode of the browser.
- **Page size**: changes the page size of the displayed web page (Large, Normal, or Small).
- **Go to homepage**: takes you back at any time to the homepage of the Wireless Web service provider.
- **Add to Bookmarks**: bookmarks the current page and marks it as a favorite site.
- **View bookmarks**: accesses and displays the bookmarks assigned as favorite web pages.
- **Send URL**: send the URL of the current page via either a message or to another party via a Bluetooth device.
- **Enter URL**: allows you to manually enter the URL address of a WAP site. After entering an address, press the **OK** soft key to go there directly.
- **Copy URL**: send the URL of the current page to another party as an attachment to a message.
- **Save**: saves either the image of the current web page or the current page itself.
- **Saved Pages**: access the list of web pages you have saved.
- **History**: displays the list of web pages you have recently accessed.

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- **Advanced**: allows you to change the following settings for the browser.
  - **Clear Cache**: deletes the information stored in the cache. The cache stores the most recently accessed pages.
  - **Empty Cookies**: delete cookies. Cookies are pieces of personal information sent to a web server while navigating the web.
  - **Cookie Options**: sets whether or not cookies are stored on your phone. If you select **Prompt**, the phone will ask you to save the cookies on every page requiring cookies.
  - **Preferences**: changes the settings for the web browser to suit your preference.
  - **Certificates**: accesses certificate information from your phone.
  - **Page Details**: displays the properties for the currently active web page.
  - **About Browser**: displays the access version and copyright information about the browser.

Section 8: Messages

Topics Covered

- Types of Messages
- Creating and Sending New Messages
- Voicemail
- Push Messages
- Using Instant Messenger (IM)
- Retrieving New Messages
- Using Message Templates
- Deleting all messages
- Messages Settings
- Memory Status

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

Types of Messages

Your phone provides the following message types:

- Text messages
- Picture messages
- Voicemail
- Push message
- Voice notes
- IM messages

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Creating and Sending New Messages

Text Messages

The Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. To use this feature, you must subscribe to your service provider's message service.

The Message icon ( ) displays when you receive new text messages. When the memory is full, an error message displays and you cannot receive any new messages. Use the Delete option in each message box to delete obsolete messages.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Messages** and press the **Select** (Left) soft key or the OK key.
3. Using the **Up** or **Down** Navigation key, highlight **Create new** and press the **Select** (Left) soft key or the OK key.
4. Select **Message** and press the **Select** (Left) soft key or the OK key.
5. Enter a phone number in the contact field and press the **Down** navigation key to access the text field and begin creating your text message.

Save as Template

This options saves the current text message to the current list of preset message templates, such as (Out of Office, I'm in a meeting...).

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Messages** and press the **Select** (Left) soft key or the OK key.
3. Scroll to **Templates** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Text templates** and press the **Select** (Left) soft key or the OK key.
5. Press the **Options** (Left) soft key, select **Add new** and press the **Select** (Left) soft key or the OK key.
6. Enter the text for the new template into the field and press the **Options** (Left) soft key.
7. Select **Save to templates** and press the **Select** (Left) soft key or the OK key.

   The new text displays in the Messages templates list.

Picture Messages

This menu allows you to use the Picture Message Service.

Picture Messages is a message service that provides delivery of personal picture messages from phone to phone or from phone to e-mail.

In addition to the familiar text content of text messages, picture messages can contain images, graphics, voice, and audio clips. A Picture Messages message is a multimedia presentation in a single file. It is not a text file with attachments.

The Picture Message icon ( ) displays when you receive a new picture message.

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

Sending a Picture or Video Message

This menu allows you to create a new multimedia message and send to one or multiple destinations.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Messages** and press the **Select** (Left) soft key or the OK key.
3. Using the **Up** or **Down** Navigation key, highlight **Create new** and press the **Select** (Left) soft key or the OK key.
4. Select **Share picture** and press the **Select** (Left) soft key or the OK key.

Take picture

1. Adjust the image by aiming the camera at the subject.
2. Press the OK key.
3. At the **Send to My Album?** prompt, press the **Yes** soft key (to save the picture in My Album) or press the **Options** soft key and select **Send to**. The Recipients screen displays.
4. If you selected **Send to**, enter the Recipient phone number in the **To** field and press the **Send** OK key.

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Get from Fun & Apps

1. Scroll to the **Images** or **Videos** folder and press the **Select** (Left) soft key or the OK key.
2. Highlight an image or video name from the folder and press the **Select** (Left) soft key or the OK key.
3. Enter a contact phone number in the contact field and press the **Send** soft key.

Picture Messages Options

Prior to sending the Picture message file, press the **Options** (Left) soft key to access the following options:

- **Preview**: displays a preview of the Picture message prior to sending.
- **Insert**: inserts a predefined Text template, Text emoticon, Phonebook entry, or Bookmark into the message.
  - **Add item**: inserts an Image, Sound or Video.
  - **Create item**: temporarily exits from the current message and allows you to create either a new photo, video clip, or audio clip for your current text message.
  - **Text template**: allows you to insert one of the preset message templates to the text, such as (Out of Office, I'm in a meeting..).
  - **Text emoticon**: adds an a emotion (created by phone characters) to your message. An example would be: which creates a :-) "happy face".
  - **Phonebook**: adds the contact information for an entry from Phonebook directly to your message.
  - **Bookmarks**: allows you to add a web address from your Favorites list of Internet sites to the message.
- **Add recipients**: updates the recipient list by appending it with information form either your Recent Call Log, Contacts list, or Group entries.
  - **Recent log**: displays a brief list of recently dialed phone numbers from which to choose. Press the OK key to add a selected number to your message's recipients list field. This entry can later be appended prior to sending the message.
  - **Contacts**: inserts additional recipients from your Phonebook by using your **Up** and **Down** Navigation keys to select those entries you wish to add. Press the OK key to place a checkmark next to those entries then press the **Done** softkey to return to the message.
  - **Groups**: inserts additional Group members from your Phonebook by using your **Up** and **Down** Navigation keys to select those entries you wish to add.
  - **My Album**: adds the recipients to My Album.
  - **My Journal**: adds the recipients to My Journal.
- **Add page**: allows you to add a text page to your picture message.

- **Input language**: allows you to change the input language to English, Français or Español.
- **Edit style**: allows you to edit the style of this page or all the pages in the picture message. You can also edit the Background color, Page duration, Font color, and Font style when you select the **All pages** option.
- **Add subject**: allows you to add a subject field to the picture message.
- **Add attachment**: allows you to add either a file, card, or other information such as a calendar entry, task, or note.
  - **File**: allows you to insert an audio, graphic, or video clip to your message as an attached file.
  - **Name card**: allows you to insert the contact information for an entry from the Phonebook directly to your message as an attached file.
  - **Appointment**: allows you to insert an Appointment entry from your calendar directly to your message as an attached file.
  - **Anniversary**: allows you to insert an Anniversary entry from your calendar directly to your message as an attached file.
  - **Private**: allows you to insert a Private entry from your calendar directly to your message as an attached file.
  - **Holiday**: allows you to insert a Holiday entry from your calendar directly to your message as an attached file.
  - **Important**: allows you to insert an entry from your calendar tagged as Important directly to your message as an attached file.
  - **Tasks**: allows you to insert an entry from your calendar tagged as a Task directly to your message as an attached file.
  - **Notes**: allows you to insert a presaved Note (text) directly to your message as an attached file.
  - **Bookmarks**: allows you to add a web address from your Bookmarks list of Internet sites as an attachment to the message.
  - **Sending options**:
    - **Priority**: you can select the priority level of your messages.
    - **Expiration**: select the length of time you wish the message to remain on the MMS server.
    - **Delivery**: you can set a time delay before the phone sends your messages.
    - **Message size**: displays the size of the selected message.
    - **Request delivery report**: when this option is enabled, the network informs you whether or not 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**: you specify whether you want to keep a copy of the sent messages on your phone.
  - **Save to Drafts**: allows you to save the picture message in the Drafts folder.

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- **Save to Templates**: allows you to save the picture message as a picture template.

4. Scroll to locate the desired file and press the **Select** (Left) soft key or the OK key.

Note: A picture message should only be sent to a phone which can support the receipt and display of this message type.

5. Press the **Send** key when finished then press the key to return to the Idle mode.

Voicemail

Changing the Voice Mail Name and Number

Your SIM card gives you a default service number for the voice mail center; however, you may need to change the number. Use the following procedures to change your voice mail number.

1. In Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages** and press **Select** (Left) soft key or the OK key.
3. Highlight **Messages settings** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Voice mail** and press the **Select** (Left) soft key or the OK key.
5. Press the **Edit** softkey.
6. Highlight **Name** to edit the Voice Server Name and press C to delete the current name; then use your keypad to enter a replacement name.
   -OR-
7. Highlight **Center address** to edit the Voice Mail Number and press C to delete the current number.
8. Enter your new Voice Server number and press the **Save** soft key or the OK key to save this new number.
9. Press the key to return to Idle mode.

Push Messages

A Push message is a way of delivering content (e.g. images, ringtones, etc.) to mobile phones that are WAP enabled. Push messages don't send the content in the text message, rather the mobile phone is directed where to retrieve the content. For more information, refer to *"Retrieving a Push Message"* on page 77.

Voice Notes

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

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Voice notes** and press the **Select** (Left) soft key or the OK key.
3. Press the **Record** (Left) soft key and begin recording your Voice note.

Note: If the recording time expires, the message is automatically saved to Voice List.

4. Press the **Stop** (Right) soft key to stop the recording or pause the recording by pressing the OK key.
5. Press the **Options** (Left) soft key to display the following options:
   - **Send to**: sends your voice note to a recipient or list of recipients.
   - **Play**: plays the memo.
   - **Re-record**: discards the current memo and begin another session.
   - **Set default destination**: removes or replaces the default destination for this voice note.
   - **Set as**: sets the audio file as a voice call ringtone, caller ringtone or an alarm tone.
6. Press the **Send** soft key when you are finished.

   The Recipients menu displays.
7. Enter the recipient information and press the **Send** soft key.

Note: Your **Voice Notes** automatically save to the Sounds folder unless you specify another location.

8. Press the key to exit.

Using Instant Messenger (IM)

The Instant Messenger function allows you to send and receive instant messages using AIM, ICQ, Windows Live, and Yahoo communities. You must first create a default community account before accessing it on your phone. To access your default community session settings, use the following steps:

Creating a Default Community

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **IM**, and press the **Select** (Left) soft key or the OK key.
3. Select **Settings** and press the **Select** (Left) soft key or the OK key.

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4. Highlight **Choose your community** and press the **Select** (Left) soft key or the OK key.
5. Highlight a community, **AIM**, **ICQ**, **Windows Live**, or **Yahoo!** and press the **Select** (Left) soft key or the OK key.
6. Sign on to your IM account.

Signing on to your IM Account

Although each account type differs, the initial sign in procedure is common to all supported types. Before beginning the sign in procedure, you must complete the previous procedures for selecting your default IM Community.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **IM**, and press the **Select** (Left) soft key or the OK key.
3. Navigate through the menu selections depending on the selected community.

Retrieving New Messages

While text messages from other phones are delivered directly to your phone, Picture (multimedia) messages are stored in the Inbox of the message server and the server alerts you to new messages. Therefore you need to retrieve new messages to your phone and read them on the phone.

Locating a Message

1. In Idle mode, press the **Menu** (Left) soft key and highlight **Messages**.
2. Press the **Select** (Left) soft key or the OK key.
3. Highlight **Inbox** and press the **Select** (Left) soft key. The message list opens.
   The icons on the left of the number indicates the message type.
   - : indicates a new Voice note message
   - : indicates a new Text message
   - : indicates a new Picture message
   - : indicates a new Push message

Retrieving a Voice Note

Voice Notes are attachments to Picture Messages. When you receive a Voice Note, the Picture Message icon displays in the Inbox.

1. In Idle mode, press the **Menu** (Left) soft key and highlight **Fun & Apps**.
2. Highlight the **Sounds** icon and press the OK key.
3. Highlight the **Voicemsg.amr** and press the **Options** (Left) soft key.
4. Select **Play** and press the **Select** (Left) soft key or the OK key to listen to the Voice note.

Voice Note Options

While viewing the Voice Note file, press the Options (Left) soft key to access the options:

- **Play**: plays the selected Voice note.
- **Send via**: sends the selected Voice note as a message or to a Bluetooth enabled device.
- **Move**: moves the Selected or Multiple voice note(s) to the Phone or Memory card.
- **Copy**: copies the Selected or Multiple Voice note(s) to the Phone or Memory card.
- **Delete**: deletes the Selected, Multiple, or All saved voice notes.
- **Rename**: renames the selected Voice note.
- **Create folder**: creates a folder for the selected Voice note and places the Voice note in the folder.
- **Sort by**: sorts Voice notes by, Date, Type, Name, or Size.
- **Bluetooth visibility**: allows a Bluetooth enabled device to see the Selected or Multiple Voice Notes on your handset.
- **Lock**: protects the Voice note from deletion.
- **Properties**: shows you information about the Voice note, such as size, format, duration, forwarding, time and date the message was created, and the location of the Voice message file.

Retrieving a Text Message

When a new Text message comes in, the display (in Idle mode) shows a new Message notification icon ( ) along with the available sender's information.

1. In Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages** and press the **Select** (Left) soft key or the OK key.

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3. Highlight **Inbox** and press the **Select** (Left) soft key. The message list opens.
   The icons on the left of the number indicates the message type.
4. Use the **Up** or **Down** Navigation keys to select the message.
5. Press the OK key to open and read the message.
6. Press the key to return to Idle mode.

Text Message Options

While viewing the content of a message, press the **Options** (Left) soft key to access the following message options:

- **Reply via Message/Share picture/Voice note**: replies to the currently selected text message.
- **Forward**: forwards the selected text message to another recipient.
- **Call back**: dials the phone number of the sender of the text message.
- **Delete**: deletes the selected text message from the Inbox.
- **Move to phone/SIM**: moves the selected text message to the phone or SIM depending on the default setting.
- **Save to Phonebook**: saves the selected text message recipient information to the Phonebook.
- **Save as template**: saves the selected text message as a template.
- **Print via Bluetooth**: sends the contents of the selected text message to a Bluetooth enabled printer.

Retrieving a Picture Message

When a new Picture message is delivered, the screen displays the Picture Message icon ( ) and a text notification along with the sender's number.

1. In Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Inbox** and press the **Select** (Left) soft key. The message list opens.
   The icons on the left of the number indicates the message type.
4. Select a picture message from the list.

5. Press the **Options** (Left) soft key, highlight **Properties**, and press the **Select** (Left) soft key or the OK key to view brief information about the message, such as the sender's number, the message size, and the subject.
   If you want to view the message later in the Inbox, press the **Back** (Right) soft key.
6. To view the message, highlight **View**, and press the **Select** (Left) soft key or the OK key.
7. To play the message, press the OK key.
   - To pause the audio/video clip, press the OK key.
   - To stop the audio/video clip press the **Stop** soft key.
8. To scroll through the message (if additional text page were added), press the **Up** or **Down** key.
9. Press the key to return to Idle mode.

Note: You can also access messages by navigating to your Inbox (**Menu** > **Messages**).

Retrieving a Picture Message

1. In Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Inbox** and press the **Select** (Left) soft key. The message list opens.
   The icons on the left of the number indicates the message type.
4. Select a Picture message from the list and press the **Select** (Left) soft key or the OK key.

Picture Message Options

While viewing the picture message, press the **Options** (Left) soft key to access the following message options:

- **Play**: displays or plays the current picture message.
- **Reply via Message/Share picture/Voice note**: replies to the currently selected picture message.
- **Reply to All**: replies to all recipients of the message.
- **Forward**: forwards the message to another person.
- **Call Back**: calls the sender of the message.
- **Delete**: deletes the message.

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- **Move to My Folders**: moves the message to the phone's My Folder location.
- **Save as Template**: saves the message as a template for this message type. This template can be used to save time during the creation of the next similar message.
- **Save Items**: saves the Picture content to My Album.
- **Save to Phonebook**: saves the recipient or sender's information from the message to your Phonebook on either the Phone or SIM.
- **Print via Bluetooth**: sends the contents of the message to a Bluetooth compatible printer.
- **Lock**: locks the message by using the phone's password to access the contents.
- **Properties**: displays some of the file properties for the message such as: sender, date/time, file size, priority, etc.

Retrieving a Push Message

A Push message is a way of delivering content (e.g. images, ringtones, etc.) to mobile phones that are WAP enabled. With a Push message you don't actually send the content in the text message, you direct the mobile phone where to retrieve it.

1. Select a Push message from the list and press the **Options** (Left) soft key.

   The following options display:

   - **View**: displays the Push Message text.
   - **Delete**: deletes the selected, multiple, or all Push messages.
   - **Move to My folders**: moves the selected, multiple, or all Push messages to My folders.
   - **Sort by**: sorts the Inbox messages by Date, Name, Type, Size, Subject, or by messages that are Locked/Unlocked.
2. Highlight the **View** option and press the **Select** (Left) soft key or the OK key to review the message contents.

While reading the message, you may choose the following options by pressing the **Options** (Left) soft key:

- **Open URL:** displays the website on your WAP browser.
- **Properties**: displays the URL details.
- **Delete**: deletes the selected message.
- **Move to My folders**: once a folder is created in the My folders menu, this option moves the selected Push message to the named folder.

Push Message Options

- **Receiving Option**: 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

Using Message Templates

Your phone has message templates (both Text and Picture templates) which are retrievable when creating a message. You can change the templates as your preferences or send a message immediately.

1. In Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages** and press the **Select** (Left) soft key or the OK key.
3. Highlight the **Templates** option and press the **Select** (Left) soft key or the OK key.
4. Highlight a template type (Text or Picture message) and press the **Select** (Left) soft key or the OK key.
5. Use the **Up** or **Down** Navigation Keys to select a current template message and press the **Options** (Left) soft key to access the following options:
   - **Send**: send a message using the template.
   - **Add new**: adds a new template.
   - **Edit**: changes the currently Selected template.
   - **Delete**: deletes the currently Selected or All templates.
6. Press the key to return to Idle mode.

Deleting all messages

You can delete the messages in each message folder(s) individually or all at one time. You can also delete all of your messages at one time.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **Messages**, and press the **Select** (Left) soft key or the OK key.
3. Highlight **Delete all** and press the **Select** (Left) soft key or the OK key.
4. Use the **Up** or **Down** Navigation key to highlight the message folder(s) you want to delete.

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5. Press the OK key to mark the folder for deletion.
   - **All**: selects all of the list items and marks each one for content deletion.
   - **Inbox**: selects the Inbox folder and mark its files for deletion.
   - **Sentbox**: selects your Sent folder and marks its files for deletion.
   - **Outbox**: selects your Outbox folder and marks its files for deletion.
   - **Drafts**: selects the saved Drafts and marks its files for deletion.
   - **My folders**: selects any created folders and marks them for deletion.

   To view the contents in each folder, use the **Right** key to display the folder's contents or use the **Left** key to close the folder's contents.

   Select **All** to delete all of the messages in all folders.
6. Press the **Delete** soft key. At the "**Delete?**" confirmation, press the **Yes** soft key or the OK key to confirm your deletion.
7. Press the key to return to Idle mode.

Messages Settings

You can set up various options for using messaging services.

1. From the Idle mode, press the **Menu** (Left) soft key.
2. Highlight **Messages**, and press the **Select** (Left) soft key or the OK key.
3. Highlight **Messages settings** and press the **Select** (Left) soft key or the OK key.
4. Select the type of messages you want to change.
   - **Text messages**
   - **Picture message**
   - **Broadcast message**
   - **Voice mail**
   - **Push message**
5. Press the **Select** (Left) soft key or the OK key.

Text Message

The following options are available:

Common settings: sets the following 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.
- **Delivery report**: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message was delivered.

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

- T-Mobile
- Text message center 2
- Text message center 3
- Text message center 4

Picture Message

The following options are available:

- **Sending Options**:
    - **Priority**: you can select the priority level of your messages.
    - **Expiration**: select the length of time you wish the message to remain on the MMS server.
    - **Delivery**: you can set a time delay before the phone sends your messages.
    - **Message size**: displays the size of the selected message.
    - **Request delivery report**: when this option is enabled, the network informs you whether or not 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**: you specify whether you want to keep a copy of the sent messages on your phone.
    - **Add my name card**: attaches your name card to the Picture message.
- **Receiving Options**:

  This option specifies the category of messages you want to receive and allows you to set the following:
    - **Send delivery report**: when this option is enabled, the phone informs the network whether or not your message was received.
    - **Send read report**: when this option is enabled, your phone sends a notification back to the recipient indicating that your message was received.
    - **Reject unknown**: automatically rejects messages with a category of unknown.

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- **Reject advertisement**: automatically rejects messages with a category of advertisement.

- **Auto resize image**
  - No resize
  - 100 KB
  - 300 KB
- **Creation mode**
  - Restricted
  - Warning
  - Free
- **Default style**
  - Font color
  - Font style
  - Background color
  - Page duration

Broadcast Messages (SIM Card Dependent)

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

▶ Please contact T-Mobile's customer service center for further details.

Voice Mail

The following options are available:

- **Voice mail**: specifies the default phone number used for access of phone's remote voicemail.

Push Message

- **Receiving Option**: 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

Memory Status

You can check the amount of the memory used and the memory remaining for Inbox, Sentbox, Outbox, Drafts, and My folders. The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **Messages**, and press the **Select** (Left) soft key or the OK key.
3. Highlight **Memory Status** and press the **Select** (Left) soft key or the OK key.
4. Use your **Up** and **Down** Navigation keys to select a particular folder for review.
5. Press the **Select** (Left) soft key or the OK key. The contents of that folder are then listed.
6. Press the key to return to Idle mode.

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Section 9: Fun & Apps

Topics Covered

- Media Player
- Camera
- Using the Camera
- Using the Camcorder
- Sounds
- Images
- Videos
- Music
- Games
- Other files
- Memory status

This section outlines the various applications that are available on your phone.

Media Player

This feature allows you to access both local and streaming music, video, or playlists and then play them through a built in Media Player.

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

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Fun & Apps** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Media player** and press the OK key.
4. Highlight the **All music**, **Recent music**, or **Most played music** folder and press the OK key.
5. Select a music file from the list, press the **Options** (Left) soft key and select one of the following options:
   - **Play via**: Play the selected music through the Phone or through a Bluetooth stereo headset.

- **Add to playlist**: adds the selected music or multiple music files to the current playlist.
- **Lock**: locks the selected music file to protect it from deletion.
- **Properties**: displays the file properties for the selected music file such as Size, Format, Duration, whether forwarding is possible, Date and Time of creation, and Location of the file.
- **Player settings**: changes the music player settings for the Repeat mode, Shuffle, Visualization type, Volume and Show controller.
  - **Repeat**: replays the entries in a selected playlist. Options include: **Off**, **Repeat 1**, **Repeat all** (continually plays the music files listed in the current playlist (in sequence) until this option is disabled).
  - **Shuffle**: randomly play songs from a selected playlist. Options include: **On** (enable this feature), or **Off** (disable this feature).
  - **Visualization type**: changes the visual display on the music player's main screen. Options include **Disco lights** or **Rainbow pulse**.
  - **Volume**: changes the music player's volume level. Options are: **Mute**, or **1-14**.
  - **Show controller**: displays the controller on the screen.

When the music player displays, use the following icons to assist with functionality and navigation.

Up Navigation key directly accesses the **Current playlist**.

Down Navigation key stops the playback of the music file.

Left Navigation key begins playback at the beginning of the currently selected music file.

Right Navigation key begins playing the next song in the current playlist.

OK toggles between playback and pause for the currently selected music file.

displays the **Music player** menu options.

returns to the previous menu or function.

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Camera

Using the camera/camcorder module in your phone, you can take photos or video clips of people or events while on the move. Additionally, you can send photos and video clips to other people in a Picture Messages message or set a wallpaper or caller ID image.

For more information, refer to *"Using the Camera"on page 85.*

Using the Camera

Taking Photos

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. When the Idle mode displays, press the key.
2. Adjust the image by aiming the camera at the subject.
3. Press the OK key to take the photo.
4. Once the photo is taken, press the **Options** (Left) soft key and select **Send to** in order to attach the photo directly to a message.

Note: Your camera produces photos in JPEG format. The number that appears in the upper-right of the screen indicates the current number of pictures were saved to the selected media and an approximate number of total pictures which can be taken at the current image size.

5. Or before taking the photo, press the **Options** (Left) soft key to access camera options.

Camera Options

- **Take picture**: takes a picture and saves it to the Images folder and asks if you want to save to My Album.
- **Shooting mode**: takes a photo in various modes. Once you change the mode, the corresponding indicator appears at the top right of the display.
  - **Single shot**: takes a single photo and allows you view it before returning to the shooting mode. Press the **Select** (Left) soft key to set the camera to either:
    - Take and send
    - Take and return
  - **Multi-shot**: takes a succession of consecutive photos. Press the **Select** (Left) soft key to set the number of shots to either:
    - 6 Shots
    - 9 Shots
    - 15 Shots

- **Mosaic style**: takes up to four photos and then groups them together into a single final photo. Press the **Select** (Left) soft key to set the size of these mosaic photos to either:
  - 2x2
  - 3x3

- **Effects**: allows you to select a custom color tone for your photo. Choose from the following Effects Mode:
  - **No effects**: automatically adjusts the picture for the best quality available.
  - **Black & White**: removes all color and displays the picture as black and white.
  - **Sepia**: adds a sepia tint to the picture. This is the common orange tint that was popular in early photography.
  - **Negative**: changes the image to a negative image display.
- **Frames**: allows you to select a custom frame border for your photo. Choose from one of the 21 available frames.
- **Timer**: sets a time delay before the camera takes the photo.
  - Off
  - 3 seconds
  - 5 seconds
  - 10 seconds
- **Default destination**: removes or changes the default destination.
- **Record video**: switches from taking a photo to shooting a video clip using the camera's camcorder setting.
- **Go to Images**: allows you to access the list of taken photos. Press the **Options** (Left) soft key to view the following options for these graphics:
  - **View**: displays the photo.
  - **Send to My Album**: sends the graphic to My Album.
  - **Send via**: attaches the graphic to a message or sends it to a Bluetooth device.
  - **Set as**: sets the currently selected graphic to display on the Main Display, or assigned to a Caller ID.
  - **Move**: moves either a Selected or Multiple graphics to one of the Fun & Apps (Phone) folders.
  - **Copy**: makes a copy of the Selected or Multiple graphics and then send it to one of the Fun & Apps (Phone) folders.
  - **Delete**: deletes either Selected or Multiple graphics.
  - **Default destination**: removes or changes the default destination.
  - **Rename**: renames either Selected or Multiple graphics.
  - **Create folder**: creates a new folder and then populate it with either Selected or Multiple graphics from the list.
  - **Sort by**: sorts the list of graphics by either: Date, Type, Name, or Size.

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- **Bluetooth visibility**: enables or disables graphics visibility to Bluetooth devices.
- **Print via**: prints the selected graphic either by a USB or Bluetooth printer.
- **Lock**: locks the photo.
- **Properties**: displays the properties of a photo.

- **Camera settings**: allows you to customize your camera settings. Choose the following options:
  - **Size**: sets the image size to 1280 x 1024, 800 x 600, 640 x 480, 320 x 240 or 240 x 180. The icon for the selected image size appears on the capture screen.
  - **Quality**: selects the picture quality setting. Choose **Superfine**, **Fine**, **Normal**, **Low**, or **Economy**.
  - **Display**: allows you to choose between **Actual screen**, **Full screen & Guideline**, **Full screen & Indicator**, or **Full screen**.
  - **Scene program**: sets the lighting for the photos. Choose **Normal** or **Night-time landscape**.
  - **Exposure metering**: determines the light exposure needed for **Matrix** or **Spot** metering.
  - **Shutter sound**: selects a shutter tone sound when taking a photo.
  - **White balance**: sets the white balance for the camera. Choose **Auto**, **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**.
  - **Default storage**: sets a default storage location for the photos taken on your phone. Choose **Phone** or **Memory card**.
  - **Default name**: sets a default prefix name for the photos taken on your phone.

- **Camera shortcuts**: displays the shortcut keys associated when using the camera.

6. Press the **Back** soft key to return to the picture viewer.
7. You can use the keypad to quickly change the camera options using the camera shortcut keys.

Camera Shortcuts

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

- OK take a photo.
- zooms in or out (Up/Down). Not allowed if the picture size is set to its maximum value.
- adjusts the image brightness (Left/Right).
- 1 switches the handset between camera and camcorder mode.
- 2 changes the image size.
- 3 changes the image quality.
- 4 changes the camera shooting mode.
- 5 changes the color tone of the photo.
- 7 within the camera mode, this loads frame option #21 on screen.
- 8 sets a time delay (Off, 3, 5, or 10 seconds).
- 9 switches to the Photo Album.
- * adds a quadrant overlay to help you position your shot.

Camera Options after a Photo is Taken

After you take a photo, you can use various options by pressing the **Options** (Left) soft key. Highlight an option and press the **Select** (Left) soft key or the OK key. The following options are available:

- **Viewfinder**: exits from the picture options menu and returns to the camera's viewfinder.
- **Send to**: displays the Recipients screen.

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- **Edit message**: displays a Picture message screen so you can edit the message prior to sending this photo.
- **Delete**: deletes the selected photo.
- **Set as**: sets the photo as your wallpaper on your Main Display or set the photo as a Caller ID for a contact.
- **Default destination**: removes or replaces the default destination for this photo.
- **Edit picture**: edits the picture by bringing up a set of options consisting of:
    - Save as
    - Effects (Black and White, Sepia, Negative, Milky, Lighting, Crayon Pastel, Oil Paint, Blur, Despeckle, or Sharpen)
    - Partial effects (Partial Blur or Redeye Repair)
    - Adjust (Brightness, Contrast, or Color)
    - Transform (Resize, Rotate, or Flip)
    - Crop
    - Insert (Frames, Cliparts, or Emoticon)
    - Set as (myFaves icon, Wallpaper, Front Display, or assign it to a Caller ID)
    - Send via (Messages or Bluetooth)
    - Print via (USB or Bluetooth)
- **Rename**: renames the current photo.
- **Go to Images**: navigates to the Images folder so you can move or copy this photo.
- **Lock**: locks this photo to protect it from deletion.
- **Properties**: displays the Size, Format, Resolution, Forwarding status, date and time the photo was created, and Location of this photo.

Accessing the Photos Folder

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **Fun & Apps**, and press the **Select** (Left) soft key or the OK key.
3. Highlight **Images** and press the OK key.

   -OR-
4. Scroll to the **My Album** folder and press the OK key.
5. Use the **Up** or **Down** Navigation key to select a photo.
6. Press the **Select** (Left) soft key or the OK key to display the photo.

Using the Camcorder

Shooting 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. When the Idle mode displays, press the key.
2. Press the **Options** (Left) soft key and select **Record video** then press the **Select** (Left) soft key or the OK key.
3. Before filming the video, press the **Options** (Left) soft key to access camcorder options.
4. Adjust the image by aiming the camera at the subject.
5. Press the OK key to begin shooting video.
6. Press the **Pause** soft key to stop the recording.

   -OR-
7. Press the OK key to stop the recording and save the video file to your Videos folder.
8. Once the file saves, press the OK key to play back your video for review.

Camcorder Options

1. Press the key to access the camcorder options.
   - **Record video**: records a video segment.
   - **Effects**: sets a custom color tone for your video. Choose from the following Effects Mode.
     - **No effects**: automatically adjusts the picture for the best quality available.
     - **Black & White**: removes all color and display the picture as black and white.
     - **Sepia**: adds a sepia tint to the picture. This is the common orange tint that was popular in early photography.
     - **Negative**: changes the image to a negative image display.
   - **Timer**: sets a time delay before the camcorder begins to shoot video.
     - Off
     - 3 seconds
     - 5 seconds
     - 10 seconds
   - **Take picture**: switches from shooting a video clip to taking a photo.
   - **Go to Video**s: accesses the list of videos stored within the Video folder. Press the **Options** (Left) soft key to view the following options for these clips:
     - **Play**: plays the video clip.

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- **Send via**: attaches the multimedia file to a message or send it to a Bluetooth device.
- **Move**: moves either a Selected or Multiple videos to one of the My Album (Phone) folders.
- **Copy**: copies the Selected or Multiple videos and then sends it to one of the My Album (Phone) folders.
- **Delete**: deletes either Selected or Multiple multimedia videos.
- **Rename**: renames either Selected or Multiple videos.
- **Create folder**: creates a new folder and then populates it with either Selected or Multiple multimedia files from the list.
- **Sort by**: sorts the list of files by either: Date, Type, Name, or Size.
- **Bluetooth visibility**: enables Selected or Multiple videos visibility to Bluetooth devices.
- **Lock**: locks the video file to prevent deletion.
- **Properties**: displays the properties of a video file.

• **Camcorder settings**: customizes your camcorder settings. Choose from the following options:

- **Recording mode**: sets the maximum allowable recording time. Choose **Limit for Picture message**, **10 Seconds**, **30 Seconds**, or **For full memory**.
- **Size**: sets the video size. Choose **176 x 144** or **128 x 96**.
- **Quality**: selects the video quality setting. Choose **Fine**, **Normal**, **Low**, or **Economy**.
- **Audio recording**: allows you to choose whether to use audio in your video. Choose between **On** or **Off** (microphone is muted).
- **White balance**: sets the white balance for the camcorder. Choose **Auto**, **Daylight**, **Cloudy**, **Incandescent**, or **Fluorescent**.
- **Default storage**: sets a default storage location for the videos shot by your phone. Choose **Phone** or **Memory Card**.
- **Default name**: sets a default prefix name for the videos shot by your phone.

• **Camcorder shortcuts**: displays the shortcut keys associated when using the camcorder.

2. Press the **Back** (Right) soft key to return to the picture viewer.
3. You can use the keypad to quickly change the camera options using the camera shortcut keys.

Note: For more information about Camera Shortcut Keys see *"Camcorder Shortcuts"* on page 92.

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.

- OK shoots video.
- zooms in or out (Up/Down).
- adjusts the image brightness (Left/Right).
- 1 switches the handset between camera and camcorder mode.
- 2 changes the video size.
- 3 changes the video quality.
- 4 changes the recording mode.
- 5 changes the effects used on the video.
- 6 within the camcorder mode, this toggles the microphone On/Off (mute).
- 8 sets a time delay (Off, 3, 5, or 10 seconds).
- 9 opens the Video folder where the videos are stored.

Camcorder Options after a Video is Taken

After you shoot a video, you can use various options by pressing the **Options** (Left) soft key. Highlight an option and press the **Select** (Left) soft key or the OK key. The following options are available:

- **Play**: uses the Media Player to view the video segment.
- **Send via**: attaches the video file to a message or sends it to a Bluetooth device.
- **Viewfinder**: exits from the camcorder options menu and returns to the camcorder's viewfinder.
- **Delete**: deletes either Selected or Multiple videos.
- **Rename**: renames either Selected or Multiple videos.

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- **Go to videos**: accesses the list of videos stored within the Video folder.
- **Lock**: locks the video file to prevent deletion.
- **Bluetooth visibility**: enables Selected or Multiple videos visibility to Bluetooth devices.
- **Show controller**: displays the video controller. For more information, refer to *"Using the Video"on page 93.*
- **Properties**: displays the properties for this video file.
- **Player settings**: adjusts the Media Player's playback Volume level (0-14) and either shows or hides the controller.

Accessing the Video Folder

1. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Highlight **Fun & Apps**, and press the **Select** (Left) soft key or the OK key.
3. Highlight **Videos** and press the OK key.
4. Use the **Up** or **Down** Navigation key to select a video file.
5. To play the video, press the OK key. The file plays in the Media Player application.

Using the Video

When you are finished creating the video, use the Video Controller to playback the video or control the sound, lighting or volume while playing the video. For more information, refer to *"Media Player"on page 83.*

Sounds

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

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

The following options are available:

More HiFi Ringers

Using the **More HiFi Ringers** option on the sounds list, you can access the web site preset by T-Mobile and download new HiFi Ringers.

More MegaTones

Using the **More MegaTones** option on the sounds list, you can access the web site preset by T-Mobile and download new MegaTones.

Music & Sounds

Using the Music & Sounds option on the sounds list, you can access the web site preset by T-Mobile and download new Ringers, Tones, tunes, and Voices & Sounds.

Images

In this menu, you can view the list of images downloaded from the web server or received in messages. You can set a downloaded image as the current background image.

The following options are available:

More Wallpapers

Using the **More Wallpapers** option, you can access the web site preset by T-Mobile and download new images.

Note: When downloading Wallpapers, charges may apply.

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. When the Idle mode displays, press the **Menu** (Left) soft key.
2. Select **Fun & Apps** and press the **Select** (Left) soft key or the OK key.
3. Highlight **Images** and press the **Select** (Left) soft key or the OK key.
4. Select **My Album** and press the **Select** (Left) soft key or the OK key.

   The browser is launched and the T-Mobile Web page displays.
5. Select the **My Albums Menu** link and press the **Select** (Left) soft key or the OK key.
6. Photos sent to this folder are stored in the **Inbox Album**. Press the **Select** (Left) soft key to view the photos.
7. Press the key to exit t-zones and return to the Idle mode.

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My Journal

Make notes in My Journal, your online diary and Weblog. Keep it private to store your personal memories, or send e-mails to invite people to view and comment on your Journal.

Note: When accessing My Journal, charges may apply. Contact T-Mobile customer service for more information.

Default Images

In this menu you can review the photos you've taken. Highlight a photo and press the **Options** (Left) soft key to choose from the following options:

- **View**: allows you to view the selected photo or image.
- **Set as**: sets the selected photo as Wallpaper or assigns it to a Caller ID.
- **Take picture**: uses the camera to take a photo.
- **Create folder**: creates a new folder to store images.
- **Sort by**: sorts the list of files by either: Date, Type, Name or Size.
- **Properties**: displays the properties for this image file.

Videos

In this menu, you can view a list of videos downloaded from the web server or received in multimedia messages. You can select a video clip from your Videos folder by scrolling to the video you want to view, highlighting a video and pressing the **Options** (Left) soft key to choose from the following options:

- **Play**: plays the selected video.
- **Send via**: sends the video via Picture message or to a Bluetooth device.
- **Move**: moves the selected or multiple videos to another location (for example, to the top of the menu) or into another, user-selected folder.
- **Copy**: copies the selected or multiple videos to another location (for example, to the top of the menu) or into another, user-selected folder.
- **Delete**: deletes the selected video or all downloaded videos.
- **Rename**: changes the name of the selected video.
- **Record video**: begins recording a new video.
- **Create folder**: creates a new folder and then places the newly recorded video inside the folder.
- **Sort by**: sorts the videos in this folder by Date, Type, Name or Size.
- **Bluetooth Visibility**: turns Bluetooth Visibility On or Off.

- **Lock**: locks the video to protect it from deletion.
- **Properties**: displays the properties for this video file.

Music

In this menu you can review the Music you've downloaded. Highlight a music file and press the **Options** (Left) soft key to choose from the following options:

- **Play**: plays the selected music file.
- **Send via**: sends the music file via Picture message or to a Bluetooth device.
- **Set as**: myFaves ringtone, Voice call ringtone, Caller Ringtone, Alarm tone.
- **Move**: moves the selected or multiple videos to another location (for example, to the top of the menu) or into another, user-selected folder.
- **Copy**: copies the selected or multiple music files to another location (for example, to the top of the menu) or into another, user-selected folder.
- **Delete**: deletes the selected music file or all downloaded music files.
- **Rename**: changes the name of the selected video.
- **Add to playlist**: adds the selected music file to the current playlist.
- **Create folder**: creates a new folder and then places the music file inside the folder.
- **Sort by**: sorts the music files in this folder by Date, Type, Name or Size.
- **Bluetooth visibility**: turns Bluetooth Visibility On or Off.
- **Lock**: locks the music file to protect it from deletion.
- **Properties**: displays the size, format, duration, and forwarding information for this music file.

Games

You can download MIDlets (Java applications that run on mobile phones) from various sources using t-zones and store them in your phone as MIDlet files.

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

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

MIDlet Options

1. In the **Games** Menu, scroll to the MIDlet you want and press the **Options** (Left) soft key.

   The following options are available:

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- **Start**: starts the MIDlet.
- **Delete**: deletes the selected MIDlet, multiple MIDLets, or All midlets.
- **Rename**: renames the select MIDlet.
- **Lock**: locks the MIDlet to protect it from deletion.
- **Properties**: shows information about the MIDlet, such as file size, version, supplier, date and time created, description of the MIDlet, and the location where it is stored.

2. Press the **Back** (Right) soft key or the C key to exit and return to the **Games** list.

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, Plain text, and several other file formats.

Highlight a file and press the **Options** (Left) soft key to choose from the following options:

- **Full screen view**: displays a full screen view of the page.
- **Zoom**: magnifies (zooms in) or reduces the view (zooms out).
- **Fit to screen**: page, width, height.
- **Go to**: navigates to the previous page, next page, first page, or last page.
- **Rotate**: rotates the page from landscape to portrait view and vice versa.
- **Screen panning**: allows you to navigate the screen to see sections of the file hidden from view.
- **Search**: searches for keyword text strings.
- **Delete**: deletes the selected text.
- **Bluetooth visibility**: turns Bluetooth Visibility On or Off.
- **Lock**: locks the file to protect it from deletion.
- **Properties**: displays the file size, format, forwarding, created, and location.
- **FileViewer shortcuts**: displays the shortcut keys used for FileViewer.
- **Send via bluetooth**: sends the currently selected file via a Bluetooth enabled device.

Memory status

You can view the amount of memory being used on the Phone or Memory Card and memory remaining for Sounds, Images, Videos, Music, Games or Other files.

Section 10: Organizer

Topics Covered

- Alarm
- Calendar
- Tasks
- Notes
- Calculator
- Tip Calculator
- World time
- Synchronization
- Unit Conversion
- Timer
- Stopwatch

This section outlines the various applications that are available on your phone.

Organizer

The Organizer allows you to set alarms, schedule appointments, view the calendar, create Task lists, create notes, perform simple math calculations, calculate tips, check world time, synchronize your phone with the T-Mobile network, perform unit conversions, set a timer, and use a stopwatch.

Alarm

This feature allows you to:

- set up to 5 alarms to ring at specified times.
- set the phone to switch on automatically and ring the alarm even if the phone is switched off.

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The following options are available:

- **Wake-up alarm:** the alarm rings to wake you up in the morning.
- **Alarm 1**: set the day, time, and tone for this alarm.
- **Alarm 2**: set the day, time, and tone for this alarm.
- **Alarm 3**: set the day, time, and tone for this alarm.
- **Alarm 4**: set the day, time, and tone for this alarm.
- **Auto power-up**: automatically powers up the phone at a specified time.

To set the alarm:

1. Highlight the **Alarms** option by pressing the **Up** or **Down** Navigation key then press the **Select** (Left) soft key or the OK key.
2. Highlight the **Wake-up alarm** option then press the OK key.
3. Highlight Alarm activation, press the **Right** Navigation key, press the OK key.
4. Scroll down using the Down Navigation key and select from the following options:
   - **Alarm time**: allows you to enter the Hour, Minutes and AM or PM time for this alarm.
   - **Alarm type**: Melody is the default selection. Press the **Options** (Left) soft key and select **Change** to view a list of other options.
   - **Alarm tone**: displays the Fun & Apps menu and allows you to select an alarm tone from the Sounds or Music folder. Press the **Options** (Left) soft key and select **Change** to view a list of other options.
   - **Alarm volume**: use the Left or Right Navigation key to decrease or increase the alarm volume.
   - **Alarm day**: press the **Options** (Left) soft key and select **Change** to view a list of other options. Use the **Up** or **Down** Navigation key to highlight an occurrence of the day(s) you wish your alarm to sound. Press the OK key to select the day entry. Press the **OK** soft key to save your settings.
   - **Snooze**: sets the number of times this alarm type repeats (1 minute, 3 minutes, 5 minutes, 7 minutes, or 10 minutes).
   - **Repeat**: sets the number of times the snooze alarm repeats (1 time, 2 times, 3 times, 5 times, or 10 times).
5. Press the **Options** (Left) soft key then select the **Save** option and press the **Select** (Left) soft key or the OK key.
6. Press the key to return to Idle mode.

Note: Your phone is preset to a 12-hour format. To change the time format, see *"Time & date"* on page 117.

7. To stop the alarm when it rings, press the **OK** soft key, **Volume** keys, C key, key, or key.

Calendar

With the Calendar feature, you can:

- consult the calendar by month, week, or day.
- set schedules and note anniversaries, holidays, or other important dates.
- set an alarm to act as a reminder, if necessary.
- check your memory status.

When you select the **Calendar** menu, the following options are available:

Month view

When you select this option, the calendar displays the selected month with the current date highlighted.

The calendar displays the following icons when an event is scheduled:

 Appointment

 Anniversary

 Holiday

 Important

 Private

Calendar Options

The following options are available when you press the **Options** (Left) soft key:

- **View**: displays the events scheduled for the selected date.
- **View mode**: displays the Day view or Week view of the selected day.
- **Create**: creates an Appointment, Anniversary, Holiday or other event.
- **Go to**: displays the Today view or allows you to enter a Date to view.
- **Event list**: this option allows you view a list of all currently active events by type (Appointment, Anniversary, Holiday, Important, or Private).
- **Delete**: deletes all events for a Selected date, Periods of time, or This month. You can also delete All events.

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- **Settings**:
    - **Starting day**: determines the first day of the week for the calendar (Sunday or Monday).
    - **Default view mode**: determines the default view, Month, Week or Day.
- **Missed alarm event**: displays any missed alarm events.
- **Memory status**: displays a list of the different Calendar event categories along with the memory allocation for each.

Week view

When you select this option, the calendar displays the selected week with the current date and time highlighted. The following options are available when you press the **Options** (Left) soft key:

- **View**: displays the selected day.
- **View Mode**: displays the Day view or Month view of the selected day.
- **Create**: creates an Appointment, Anniversary, Holiday or other event.
- **Go to**: displays the Today view or allows you to enter a Date to view.
- **Event list**: this option allows you view a list of all currently active events by type (Appointment, Anniversary, Holiday, Important, or Private).
- **Delete**: deletes all events for a Selected date, Periods of time, or This month. You can also delete All events.
- **Settings**:
    - **Starting day**: determines the first day of the week for the calendar (Sunday or Monday).
    - **Default view mode**: determines the default view, Month, Week or Day.
- **Missed alarm event**: displays any missed alarm events.
- **Memory status**: displays a list of the different Calendar event categories along with the memory allocation for each.

Day view

When you select this option, you are taken to the Day view of the selected day with any events listed. The following options are available when you press the **Options** (Left) soft key:

- **View**: displays the selected day.
- **Create**: creates an Appointment, Anniversary, Holiday or other event.
- **Send via**: sends the selected event as an attachment in a message or to a Bluetooth enabled device.

- **View mode**: displays the Week view or Month view of the selected month.
- **Event list**: this option allows you view a list of all currently active events by type (Appointment, Anniversary, Holiday, Important, or Private).
- **Delete**: deletes all events for a Selected date, Periods of time, or This month. Also deltes Previous data. You can also delete All events.
- **Save to Fun&Apps**: saves the selected event to the Fun&Apps folder.
- **Print via Bluetooth**: prints to a Bluetooth enabled printer.
- **Settings**:
    - **Starting day**: determines the first day of the week for the calendar (Sunday or Monday).
    - **Default view mode**: determines the default view, Month, Week or Day.
- **Missed alarm event**: displays any missed alarm events.
- **Memory status**: displays a list of the different Calendar event categories along with the memory allocation for each.

Tasks

This feature allows you to enter a list of tasks.

1. Highlight the **Tasks** option and press the **Select** (Left) soft key or the OK key.
2. Press the **Options** (Left) soft key.
3. Highlight the **Create** option and press the **Select** (Left) soft key or the OK key.
4. Enter the title of the task in the **Title** text box then press the **Down** soft key.
5. Enter the text for the task in the **Task** text box.
6. Press the **Options** (Left) soft key, select the **Save** option, then press the **Select** (Left) soft key or the OK key.
   Your Task list saves to the Calendar.

Tasks Options

While accessing the Tasks, press the **Options** (Left) soft key to use the options for the entry.

The following options are available:

- **View**: allows you to view the selected task.
- **Create**: creates a new task.
- **Send via**: attaches the task to a message or sends it to a Bluetooth device.
- **Done**: marks this task as completed.

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- **Sort by**: sorts the tasks list by tasks that are Done, by their Due date, or Priority.
- **Delete**: deletes the selected task.
- **Save to Fun&Apps**: saves the selected task to the Fun&Apps folder.
- **Print via Bluetooth**: sends the task to a Bluetooth compatible printer.
- **Missed alarm event**: displays any missed alarm events.
- **Memory status**: displays a list of the different Calendar event categories along with the memory allocation for each.

Editing the Task List

When you select the Task list menu, the current contents display with a status check box and a priority marker.

If the item is completed, a check displays in the check box.

Items are ranked in priority (1-3) and display a red triangle with the priority number inside.

1. To mark an item **Done**, highlight the item and press the **Options** soft key.
2. Highlight the **Done** option and press the **Select** (Left) soft key or the OK key.
3. The status check box next to the item displays a check mark.
4. To edit other fields for this item, highlight the item and press the **Options** soft key.
5. Highlight the **View** option and press the **Select** (Left) soft key or the OK key.
6. Scroll to the item you wish to change and press the **Options** soft key.
7. Highlight the **Edit** option and press the **Select** (Left) soft key or the OK key.
8. Enter the new information and press the **Options** soft key.
9. Press **Save** and press the **Select** (Left) soft key or the OK key.
10. Press the key to return to Idle mode.

Appointment Events

This option allows you to schedule Appointments in your calendar. You can also set an alarm to remind you of the appointment.

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Create** option and press the **Right** Navigation key.
3. Select **Appointment** from the menu and press the **Select** (Left) soft key or the OK key.
4. Enter the occasion in the **Title** text box then press the **Down** Navigation key.
5. Continue to enter other information including Details, Start date, Start time, End date, End time, and Location.
6. Highlight **Alarm** and press the OK key to enter a check mark and activate the Alarm option.
7. Press the **Options** soft key when you are finished, select the **Save** option then press the **Select** (Left) soft key or the OK key.

   Your Appointment saves to the Calendar.
8. Press the key to return to Idle mode.

Anniversary and Birthday Events

This option allows you to record Anniversaries and Birthdays in your calendar. You can also set an alarm to remind you of important anniversaries.

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Create** option and press the **Right** Navigation key.
3. Select **Anniversary** and press the **Select** (Left) soft key or the OK key.
4. Press the **Options** soft key.
5. Enter the occasion in the **Title** text box then press the **Down** Navigation key.
6. To create a Birthday event, highlight the **Details** field, press the **Options** soft key and select **Birthday from Contacts**.

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7. The contacts that contain Birthday information display on the screen.
8. Scroll to the contact whose birthday you wish to add to the calendar and press the **Select** (Left) soft key or the OK key.

Note: The contact that contains the Birthday event field in their contact information must be saved to the Phone before you can create a Birthday event.

9. Continue to enter other information including Details, Date, Alarm, and whether or not to Repeat every year.
10. Press the **Options** soft key when you are finished, select the **Save** option then press the **Select** (Left) soft key or the OK key.

    Your Anniversary information saves to the Calendar.
11. Press the key to return to Idle mode.

Holiday Events

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Create** option and press the **Right** Navigation key.
3. Select **Holiday** from the menu and press the **Select** (Left) soft key or the OK key.
4. Enter the occasion in the **Title** text box then press the **Down** Navigation key.
5. Continue to enter other information including Details, and Date.
6. Highlight **Repeat every year** and press the OK key to enter a check mark and activate the repeating holiday event.
7. Press the **Options** soft key when you are finished, select the **Save** option then press the **Select** (Left) soft key or the OK key.

    Your Holiday event saves to the Calendar.
8. Press the key to return to Idle mode.

Important Event

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Create** option and press the **Right** Navigation key.
3. Select **Important** from the menu and press the **Select** (Left) soft key or the OK key.
4. Enter the occasion in the **Title** text box then press the **Down** Navigation key.

5. Continue to enter other information including Details, Start date, Start time, End date, End time, and Location.
6. Highlight **Alarm** and press the OK key to enter a check mark and activate the Alarm option.
7. Press the **Options** soft key when you are finished, select the **Save** option then press the **Select** (Left) soft key or the OK key.

   Your Important event saves to the Calendar.
8. Press the key to return to Idle mode.

Private Event

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Create** option and press the **Right** Navigation key.
3. Select **Private** from the menu and press the **Select** (Left) soft key or the OK key.
4. Enter the occasion in the **Title** text box then press the **Down** Navigation key.
5. Continue to enter other information including Details, Start date, Start time, End date, End time, and Location.
6. Highlight **Alarm** and press the OK key to enter a check mark and activate the Alarm option.
7. Press the **Options** soft key when you are finished, select the **Save** option then press the **Select** (Left) soft key or the OK key.

   Your Private event saves to the Calendar.
8. Press the key to return to Idle mode.

Viewing the Event List

1. While viewing the Calendar, press the **Options** soft key.
2. Highlight the **Event list** option and press the **Right** Navigation key.
3. Select the type of event you wish to view and press the **Select** (Left) soft key or the OK key.

   The list of events for the selected type displays on the Calendar menu screen.

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Missed alarm event

You can check on all of the events that you missed.

1. Highlight the **Missed event alarm** option and press the **Select** (Left) soft key or the OK key.
2. To view an event information, highlight an event and press the OK key.

   The missed alarm event information displays.
3. To acknowledge and remove the event, press the **Confirm** soft key or the OK key.

   The event is removed from the **Missed event alarm** menu.

Memory status

This menu item shows the number of calendar events and how much memory remains for additional events. The events are broken down by Appointment, Anniversary, Holiday, Important, and Private.

Notes

This option allows you to create a note to attach and send in a message or send to another Bluetooth device, save to the Fun&Apps folder, or print using a Bluetooth compatible printer.

1. Highlight the **Notes** option and press the **Select** (Left) soft key or the OK key.
2. Press the **Options** soft key, select **Create** and press the **Select** (Left) soft key or the OK key.
3. Enter the note in the text field. For more information, refer to *"Entering Text"* on page 33.
4. Press the **Options** soft key, select **Save** and press the **Select** (Left) soft key or the OK key.

Notes Options

While accessing any Notes entry, press the **Options** soft key to use the options for the entry.

The following options are available:

- **View**: displays a list of notes.
- **Create**: creates a note.
- **Send via**: attaches the graphic to a message or sends it to a Bluetooth device.
- **Delete**: deletes the currently selected Note.

- **Save to Fun&Apps**: saves the note to the FUN & Apps folder.
- **Print via Bluetooth**: sends the note to a Bluetooth compatible printer.
- **Memory status**: displays the number of notes and how much memory remains for additional notes.

Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division.

1. Enter the first number using the numeric keys.
2. Enter the operation for your calculation by pressing the **Left, Right**, **Up** or **Down** Navigation key according to the illustration on the display. The (Left) soft key is used for the decimal or left and right brackets. The key moves the cursor left one position and the key moves the cursor right one position.
3. Enter the next number.
4. To view the result, press the **=** soft key or the OK key.

   Repeat steps 1 to 4 as many times as required.

Tip Calculator

This feature allows you to enter data about your meal and then displays the amount of tip to pay.

World time

This feature allows you to find out what time it is another part of world, using the **Left** and **Right** Navigation keys.

The timeline displays automatically in your city. Press the **Left** or **Right** Navigation key to scroll to other cities and view the time for that location in the world.

Synchronization

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

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

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Sync now

Once you determine the information you want to synchronize, this feature allows you to synchronize with the T-Mobile network.

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Sync now** and press the **Select** (Left) soft key or the OK key.
5. The information synchronizes with the T-Mobile network and a confirmation dialog displays when finished.
6. Press the key to return to Idle mode.

View log

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

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.
4. Highlight **View log** and press the **Select** (Left) soft key or the OK key.
5. The screen default displays the **Contacts** sync log.
6. Press the **Right** Navigation key to view the logs for Schedule, Task, and Note.
7. Press the **Back** soft key when you are finished viewing the log.
8. Press the key to return to Idle mode.

Sync Settings

This feature allows you to synchronize the Contacts, Schedules, Tasks and Notes to the T-Mobile network account.

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Sync Settings** and press the **Select** (Left) soft key or the OK key.
5. Highlight the item you want to synchronize and press the OK key to place a check mark next to the item.
6. Press the **Save** soft key to return to the PIM sync screen.
7. Press the key to return to Idle mode.

About sync

This feature displays information about how the synchronization feature works and provides a URL for more specific synchronization information.

Press the More Info soft key to launch the t-zones synchronization information.

Note: Your t-zones feature must be activated by T-Mobile for this feature to work.

Unit Conversion

The conversion menu provides the following conversion categories:

- **Currency**: converts from one countries currency to another.
- **Length**: converts from one unit of measure to another.
- **Weight**: converts from one unit of weight to another.
- **Volume**: converts from one unit of volume to another.
- **Area**: converts from one unit of area to another.
- **Temperature**: converts from one unit of temperature to another.

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

1. Scroll to the conversion feature you wish to use and press the **Select** (Left) soft key or the OK key.
2. Highlight the quantity you want converted by pressing the **Left** and **Right** Navigation key.

Tip: To include a decimal point, press the * key.

3. Use the **Up**, **Down**, **Left**, and **Right** navigation keys to select the **From** and **To** units of measure for the quantity you want converted.
4. Enter the quantity of the length, weight, volume, area, or temperature in the text box just below the From unit of measure.

   The conversion displays in the text box below the to unit of measure.
5. Press the **Back** soft key to return to the **Unit conversion** menu.
6. Press the key to return to Idle mode.

Timer

You can use this menu to set a timer. To enable the Timer, use the following options:

1. Highlight the **Timer** option then press the **Select** (Left) soft key or the OK key.
2. Press the **Set** soft key to enter the length of time.
3. Enter the time and press the **OK** (Left) soft key.
4. Press the OK key to start the timer. Press the OK key again to stop the timer.

Stopwatch

This feature allows you to use a stopwatch. Press the OK key to start the stopwatch. Press the **Reset** soft key to erase all stopwatch times recorded.You can maintain up to 50 separate lap times.

Section 11: Changing Your Settings

Topics Covered

- Profiles
- Sound Profiles
- Display Settings
- Shortcut key
- Time & date
- Phone settings
- Call Settings
- Connectivity
- Connecting to a Bluetooth Device
- Bluetooth Printing
- Synchronization
- Application Settings
- Security
- Software Update
- Reset settings
- Memory settings

This section explains the sound and phone settings for your phone. It includes display settings, security settings, and extra settings associated with your phone.

Profiles

Sound Profiles

You can customize various sound settings.

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.

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3. Select **Sound Profiles** and press the **Select** (Left) soft key or the OK key. Use the **Down** Navigation key to scroll through the following list of available options:

Normal

To access the available options for this calling profile, press the **Options** soft key. Highlight **Edit** and press the **Select** (Left) soft key or the OK key. Use the **Left** and **Right** Navigation keys to move between the various tabs. This menu allows you to alter the audio settings for the following categories:

- **Incoming Call**: edits the properties for audio alert used for incoming phone calls.
  - **Call alert type**: selects the way in which the selected ringtone plays to notify you of an incoming call. Options include:
    - **Melody**: the phone plays a melody.
    - **Increasing melody**: the phone plays the melody at increasing volume levels during each consecutive ring.
    - **Vibration then melody**: the phone vibrates and then plays the melody.
    - **Vibration and melody**: the phone vibrates and also plays the melody.
    - **Vibration and increasing melody**: the phone vibrates and then plays the melody at increasing volume levels during each consecutive ring.
  - **Voice call ringtone**: allows you to select a ringtone from your Fun & Apps folder which contains not only the default phone ringtones, but also any new ringtones which were downloaded from the Internet.
  - **Ringtone volume**: selects the volume for the Normal ringtone for incoming calls.
  - **Auto reply**: sets up an automatic text reply for incoming calls.
- **New Messages**: edits the properties for audio alert used for newly received messages.
  - **Message alert type**: selects the way in which the selected ringtone plays to notify you of an incoming call. Options include the use of either the Mute, Melody, Vibration, or a combination of the latter two.
    - **Melody**: the phone sounds the selected melody.
    - **Vibration**: the phone vibrates.
    - **Vibration and Melody**: the phone vibrates and also plays the melody.
    - **Mute**: the alert is muted.
  - **Message alert tone**: allows you to select either a **Use effect tone** (Message tone 1-5) or a personalized **Use my alert tone** from your Fun & Apps folder which contains not only the default phone tones, but also any new tones which have been downloaded from the Internet.

- **Message alert repetition**: selects whether the message alert tone is used to notify you of a new message only **Once** or **Periodic** until you open the message.
- **Alert tone volume**: selects the volume at which the tone plays. This range is from 1 - 7.

• **Phone Sounds**: allows you to edit the properties for phone's audio properties while it is set to this mode

- **Keypad tone**: selects what tone plays when the keypad keys are pressed. Options include the Beep or Xylophone.
- **Power on type**: selects what tone plays when the phone is powered On. Options include a Melody, Vibration, Vibration and melody, or Mute.
- **Power off type**: selects what tone plays when the phone is powered Off. Options include a Melody, Vibration, Vibration and melody, or Mute.
- **Phone sound volume**: selects the volume at which the keypad tone plays. This range is from 0 - 7.

Note: To save any changes made to this profile's parameters, press the **Options** soft key. Highlight **Save** and press the **Select** (Left) soft key.

Other Available Profiles

The phone can be set to additional audio profiles which are available via the Profiles menu. Although each profile has similarities, they are each preset to use different audio parameters for incoming phone call alerts, message alerts, and phone usage.



• The **Silent** profile causes the speaker to mute and the phone only vibrates and displays information on its front panel LCD. This icon is accompanied on screen by the Vibrate icon.

Notes: The Silent profile can also be activated by pressing and holding the key. An on screen message notifies you that the new Silent profile is now active. To deactivate this profile, press and hold the key again.



• The **Driving** profile keeps the speaker is active. In this case, the speaker is active and launches the currently selected ringtone or melody when the associated notification is activated. This icon is accompanied on screen by the Audio icon.



• The **Outdoor** profile keeps the speaker active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the phone's vibrate feature is activated. This icon is accompanied on screen by the Vibrate/Audio icon.

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- The **Airplane** profile allows you to use many of your phone's features, such as Games, Music, Notepad, Voice Memos, etc., but you cannot send or receive any calls or access online information. This icon is accompanied on screen by the Mute icon.

Airplane mode

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

To turn on the Airplane feature:

▶ Highlight the **Airplane** option and press the OK key.

Display Settings

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

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Display Settings** and press the **Select** (Left) soft key or the OK key.
   Use the **Down** Navigation key to scroll to and set the following options:

Main display

- **Wallpaper**: selects from either the preloaded wallpapers found in the Fun & Apps folder or photographs which were either taken with the camera or downloaded from the Internet. Press the **Up** or **Down** Navigation keys to make your selection. Press the **Select** (Left) soft key or the OK key to make your selection.
- **Greeting message**: enters the text which appears on the screen then the phone powers on.
- **Main menu style**: selects whether the phone's menus are presented in either a Grid menu style of List menu style. Press the **Up** or **Down** Navigation keys to make your selection. Press the **Save** (Left) soft key or the OK key to make your selection.
- **Pop up list menu**: selects whether the to activate pop up menus. Press the **Up** or **Down** Navigation keys to make your selection. Choose from **On** or **Off**. Press the **Save** soft key or the OK key to make your selection.
- **Dialing display**: selects the properties of those items which are part of the display such as Font and Color:

- **Font type**: selects the font to display. Press the Left or Right Navigation keys to make your selection. Choose from Normal, Quill pen, or Sticky note. Press the Save soft key or the OK key to make your selection.
- **Font size**: selects a size for the selected font. Press the Left or Right Navigation keys to make your selection. Choose from Large, Medium, or Small. Press the Save soft key or the OK key to make your selection.
- **Font color**: selects a color for the selected font. Press the Left or Right Navigation keys to make your selection. Choose from Basic, Monochrome, Rainbow, or Gradation. Press the Save soft key or the OK key to make your selection.
- **Background Color**: selects a color for the background screen. Press the Left or Right Navigation keys to make your selection. Choose from the available colors. Press the Save soft key or the OK key to make your selection.

Front display

- **Greeting Message**: enters the text that displays on the phone's LCD screen when it powers on.
- **Font color:** sets the color for the text that displays on the phone's LCD screen when it powers on. Color selections are: **Blue**, **Red**, and (user-defined) **Color 1-4**.

Light settings

- **Brightness**: adjusts the display brightness for the LCD to see it better in different lighting conditions. Press the **Left** or **Right** Navigation keys to adjust the brightness. Press the **Save** soft key or the OK key to make your selection.
- **Backlight time**: selects the amount of time for the backlight to remain on and the length of time for the actual dimming to occur. Press the **Up** or **Down** Navigation keys to make your selection. For On choose from either **10 seconds**, **30 seconds**, **1 minute**, **3 minute** or **10 minutes**. For Dim choose from either **Off**, **5 seconds**, **30 seconds**, **1 minute** or **3 minutes**. Press the **Save** soft key or the OK key to make your selection.
- **Keypad light**: determines when to use the keypad light. Press the **Up** or **Down** Navigation keys to make your selection. Choose from either **Use at any time**, or **Use at custom time**. Press the **Save** soft key or the OK key to make your selection.

Shortcut key

This option allows you to customize the Shortcut key so when you press the key you automatically navigate (shortcut) to your favorite application. You can modify the shortcut key any time.

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Time & date

This menu allows you to change the current time and date displayed. You can also find out what time it is in another part of the world.

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the press the **Select** (Left) soft key or the OK key.
3. Select **Time & date** and press the **Select** (Left) soft key or the OK key. The following options are available. Use the **Down** Navigation key to scroll to and set options:
   - **Time Zone Updating**: selects whether the time zone information update is: **Automatic** (which greys-out all other options), **Manual only**, or **Prompt first**.
   - **Home Zone**: enters the assign your current time zone based upon Greenwich Mean Time. Major cities in each zone are displayed upon selection. Use the Left or Right Navigation key to select a new zone. Press the OK soft key or the (Left) soft key to save the new selection.

Tip: You can also choose to activate Daylight Savings Time within the Home Zone menu option.

   - **Time**: enters the current time using your keypad. Press the Left or Right Navigation key to enter the hour, minute and select AM or PM. Press the Save soft key or the OK key to save the new selection.
   - **Date**: enters the current date using your keypad. Press the Left or Right Navigation key to navigate between the month, day, or year fields. Press the Save soft key or the OK key to save the new selection.
   - **Time format**: changes the time format to 12 hours or 24 hours. Use the Left or Right Navigation key to select between the two options. Press the Save soft key to save the new selection.
   - **Date format**: changes the date format. Press the OK key to activate the option. Use the Up or Down Navigation key to select between the different options. Press the OK soft key to change the format. Press the Save soft key to save the new selection.

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

Phone settings

To customize the settings of your phone use the following steps:

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Phone Settings** and press the **Select** (Left) soft key or the OK key.
   The following options are available. Use the **Down** Navigation key to scroll to and set options:
   - **Language**: selects a display language. You can set the Screen text Language or the Input Mode.
     - **Screen Text**: selects the phone text. Use the Up or Down Navigation key to highlight your selection. Press the **OK** softkey or the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include Automatic, English, Français and Español.
     - **Input T9**: sets the language used when entering text into the phone. Use the Up or Down Navigation key to highlight your selection. Press the OK softkey or the OK key to make your selection. Press the Save soft key to save your new selection. Options include:
       English: changes the selected phone language to English.
       Français: changes the selected phone language to French.
       Español: changes the selected phone language to Spanish.
   - **Own Number**: enters a name and number into your phone for easy referral.

Call Settings

This menu allows you to change the actions taken by the phone when dialing and receiving calls.

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Call Settings** and press the **Select** (Left) soft key or the OK key. The following options are available. Use the **Down** Navigation key to scroll to and set options:

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All calls

This allows you to configure some common high level parameters used by the phone for most types of calls.

- **Show my number**: selects how your ID is handled when an outgoing call is initiated. Use the **Up** or **Down** Navigation key to highlight your selection. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **By network**: uses the default network information to identify you to the other party.
  - **Send**: sends your phone number and name to the other party.
  - **Hide**: hides your identifying information from the other party.
- **Auto Block**: enables a phone feature which allows you to automatically reject calls from a list of contacts. Use the **Left** or **Right** Navigation key to toggle the activation of this feature. Select **Block List** and press the OK key to access the list of rejected numbers. Press the **Options** (Left) soft key to select an entry from the list of press the **Create** soft key to create a new phone entry. Press the **OK** softkey or the key to make your selection. Press the **Save** soft key to save your new selection.
- **Answering mode**: selects how your phone answers incoming calls. Use the **Up** or **Down** Navigation key to highlight your selection. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Normal**: answers an incoming call by pressing either the **Accept** soft key or the key.
  - **Any key**: answers an incoming call by pressing any key on your phone.
  - **Active flip**: answers an incoming call by just opening the phone.
- **Show caller ID**: selects whether your phone displays the caller ID information for the incoming call. Use the **Left** or **Right** Navigation key to toggle the activation of this feature. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Activation On/Off**: sets whether your phone displays the caller ID for the incoming call.
  - **with cover display**: displays the caller ID on the front LCD.
- **Call status tones**: activates an alert tone for one of three available status categories. Use the **Up** or **Down** Navigation key to highlight your selection. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Call connect tone**: activates an alert tone when the connection is made.
  - **Minute minder**: activates an alert tone which sounds every minute the call is active.
  - **Call end tone**: activates an alert tone when the a connection is terminated.

- **Alerts on call**: activates an alert tone for new messages being received during an active call. Use the **Up** or **Down** Navigation key to highlight your selection. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Off/On:** toggles the activation of this feature. Selecting Off prevents a new message alert from sounding while you are on an active call. Selecting On allows an alert tone to sound if you receive a new message during an active call.

Voice Call

This allows you to configure those phone parameters associated to voice calls.

- **Call forwarding**: enables incoming calls to reroute to a number that you specify. Use the **Up** or **Down** Navigation key to highlight your selection. Press the OK key to make your selection. Press the **Select** (Left) soft key to save your new selection. Options include:
  - **Always**: forwards Voice Calls. Press the **Select** (Left) soft key and either enter the phone number or press the **Options** soft key to select a number from your Phonebook. Once you select a number, press the **Options** soft key and select to either **Activate**/**Deactivate** this feature.
  - **If busy**: forwards Voice Calls to a designated number instead of your voice mail number if you are on another phone call. Press the **Select** (Left) soft key and either enter the phone number or press the **Options** soft key to select a number from your Phonebook. Once you select a number, press the **Options** soft key and select to either **Activate**/**Deactivate** this feature.
  - **If no reply**: forwards Voice Calls to a designated number instead of your voicemail number when there is no answer on your phone. Press the **Select** (Left) soft key and either enter the phone number or press the **Options** soft key to select a number from your Phonebook. Once you select a number, press the **Options** soft key and select to either **Activate**/**Deactivate** this feature.
  - **If out of reach**: forwards Voice Calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off. Press the **Select** (Left) soft key and either enter the phone number or press the **Options** (Left) soft key to select a number from your Phonebook. Once you select a number, press the **Options** soft key and select to either **Activate**/**Deactivate** this feature.
  - **Cancel all**: cancels all Call Forwarding features. Press the **Select** (Left) soft key to activate this feature.
- **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.

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- **Call waiting**: informs you when someone is trying to reach you during another call. Press the OK key to make your selection. Press the **Select** (Left) soft key to save your new selection. Options include:
  - **Activate**: activates this feature for all Voice Calls. Press the **Options** soft key to select this option.
  - **Deactivate**: deactivates this feature for all Voice Calls. Press the **Options** soft key to select this option.
  - **Check Status**: checks the status of this feature for all Voice Calls. Press the **Options** soft key to select this option.
- **Auto redial**: automatically redials the last number if the call was either cut off or you were unable to connect. Press the OK key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Off**: keeps the phone from automatically redialing the last number if the call was disconnected or the call was cut off.
  - **On**: causes the phone to automatically redial the last number if the call was disconnected or the call was cut off.

Connectivity

The Connectivity Settings allow you to manage the settings associated with the connection types available to your phone, including, Bluetooth, or Network connectivity.

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Connectivity** and press the **Select** (Left) soft key or the OK key. Use the **Down** Navigation key to scroll to and set the Bluetooth or Network selection options.

Configuring your Phone's Bluetooth Connection

About Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth.

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

Note: To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

My devices

This option allows you to search and discover new Bluetooth devices.

1. From the Bluetooth menu items, highlight **My devices** and press the **Select** (Left) soft key or the OK key.
2. To search for the Bluetooth device(s), highlight **Search new device** and press the **Select** (Left) soft key or the OK key.

Connecting to a Bluetooth Device

1. From the Device list, highlight the device and press the **Select** (Left) soft key or the OK key.
2. Enter the PIN for the device.
   If connecting to a Bluetooth wireless device consult your Bluetooth device user manual for your assigned PIN.
   If connecting to another handset, enter the same user-defined PIN on both handsets.

Note: The first time you try to pair with a handset, you and the owner of the other handset must enter the same PIN. Once the handsets are paired, you do not need to use the PIN again.

3. Press the **Select** (Left) soft key or the OK key.
4. If you are unable to pair with the device a popup appears in the display. Press the **Yes** soft key to retry.

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Configuring your Phone's Bluetooth 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.

1. Highlight the option (**On/Off**) and **Select** (Left) soft key or the OK key.

Configuring your Phone's Bluetooth Phones 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. Press the C key to erase the previous name.
2. 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.
3. Press the **Save** soft key or the OK key to save the new name.

Configuring your Phone's Bluetooth Security Modes

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 active your phone's Bluetooth security.

1. Highlight the option (**On/Off**) and press the **Select** (Left) soft key or the OK key.

Bluetooth 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 of integration with other devices.

Your phone supports the following profile services:

- **Headset**: enables both outgoing and incoming calls.
- **Handsfree**: enables both outgoing and incoming calls.
- **Bluetooth stereo headset**: enables outgoing and incoming calls via a headset equipped with stereo headsets.
- **Serial port**: establishes data communication via a Serial Port connection.

- **Dial up**: configures the phone as a dial up modem for access to the Internet.
- **Basic printing**: configures the phone to use Bluetooth technology to enable basic printing from the phone. This is useful to print received text message or contact information.
- **File transfer**: configures the phone to transfer data wirelessly to a target device.
- **Object push**: configures the phone to wirelessly transfer information about Pushes.

Bluetooth Printing

Remote Bluetooth printer allows you to print images, text messages, and personal data (for example, namecard, calendar item). This device acts as a virtual serial port.

To print data via Bluetooth:

1. Connect the phone to a Bluetooth enabled printer.
2. Navigate to the data you wish to print then selection the **Options** (Left) soft key.
3. Highlight Print via Bluetooth by pressing the **Up** or **Down** Navigation key and press the **Select** (Left) soft key or the OK key.
   The phone searches for the Bluetooth device and then prints the data.

Note: For more information about Bluetooth mode, see see *"About Bluetooth"* on page 121.

Synchronization

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

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

Sync Settings

This feature allows you to synchronize the Contacts, Schedules, Tasks and Notes to the T-Mobile network account.

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.

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4. Highlight **Sync Settings** and press the **Select** (Left) soft key or the OK key.
5. Highlight the item you want to synchronize and press the OK key to place a check mark next to the item.
6. Press the **Save** soft key to return to the PIM sync screen.
7. Press the key to return to Idle mode.

Sync now

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

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.
4. Highlight **Sync now** and press the **Select** (Left) soft key or the OK key.
5. The information synchronizes with the T-Mobile network and a confirmation dialog displays when finished.
6. Press the key to return to Idle mode.

Viewing the synchronization log

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

1. When the Idle mode displays, press the **Menu** soft key.
2. Scroll to **Organizer** using the Navigation keys and press the **Select** (Left) soft key or the OK key.
3. Highlight **Synchronization** and press the **Select** (Left) soft key or the OK key.
4. Highlight **View log** and press the **Select** (Left) soft key or the OK key.
5. The screen default displays the **Contacts** sync log.
6. Press the **Right** Navigation key to view the logs for Schedule, Task, and Note.
7. Press the **Back** soft key when you are finished viewing the log.
8. Press the key to return to Idle mode.

About sync

This feature displays information about how the synchronization feature works and provides a URL for more specific synchronization information.

▶ Press the **More Info** soft key to launch the t-zones synchronization information.

Note: Your t-zones feature must be activated by T-Mobile for this feature to work.

Application Settings

The Application Settings feature allows you to configure the functional parameters for most of the on board applications. These applications are described in more detail within other sections of this manual.

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Application Settings** and press the **Select** (Left) soft key or the OK key.
4. Select the type of application which you want to change.
   - **Messages settings** (page 79)
   - **Camera settings** (page 86)
   - **Camcorder settings** (page 90)
   - **Media player settings** (page 83)
   - **Calendar settings** (page 100)
   - **Phonebook management** (page 50)
5. Press the **Select** (Left) soft key or the OK key.

Security

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

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

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Security** and press the **Select** (Left) soft key or the OK key.

   The following options are available. Use the **Up** or **Down** Navigation key to scroll to and set options.

Phone Lock

When the Phone lock feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on. To change the phone password, see *"Change Phone Password"* on page 128. Once the correct password is entered, you can use the phone until you switch it off. The following options are available:

- **Off**: you are not asked to enter the phone password when you switch on the phone.
- **On**: you are required to enter the phone password when you switch on the phone.

PIN Lock

When the PIN Lock 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 disabling the PIN Lock feature, you must enter your PIN.

The following options are available:

- **Off** the phone connects directly to the network when you switch it on.
- **On**: you must enter the PIN each time the phone is switched on.

Lock Applications

Using this menu, you can lock the following categories:

- All lock
- Messages
- Fun & Apps
- Call records
- Phonebook
- Calendar
- Notes
- IM
- Tasks

Once you lock the contents, you must enter the phone's password to access the associated menus.

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:

- **Off**: you can call any number.
- **On**: you can only call phone numbers stored in Phone book. You must enter your PIN2. The following options are available:
  - Full length entries or wild cards can be entered in to the FDN list.
  - A full length number with a specific contact name can be entered into the FDN list.
  - Wildcard entries allow a range of numbers to dial with a single entry: ex. 555 – All dialed numbers that begin with 555 are allowed. Numbers that do not match the conditions in the FDN list are restricted.

    Note: Entering an asterisk (*) is not required for wild card entries.

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

Change Phone Password

The Change phone 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 it by entering it again.

Change PIN Code

This feature allows you to change your current PIN, provided that the PIN Lock 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 by entering the PIN a second time.

Change PIN2 Code

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one. Once you enter a new PIN2, you are asked to confirm by entering the PIN2 a second time.

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

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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. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Software Update** and press the **Select** (Left) soft key or the OK key.
4. Press the OK key to continue the update process and follow the on screen instructions.

Reset settings

You can easily reset your phone to its default settings. To reset your phone:

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Reset settings** and press the **Select** (Left) soft key or the OK key.
4. Use the **Up** or **Down** Navigation key to scroll to and set options. The following options are available:
   - All
   - Phone settings
   - Display settings
   - Sound profiles
   - Alarm
5. Press the OK key to make your selection and press the **OK** soft key.
6. Enter your phone password, if prompted and press the **Confirm** soft key.
7. At the "**Reset Settings?"** prompt, press the **Yes** soft key to reset, or the **No** soft key to cancel. Once your phone is reset to its default settings for those selected options, it restarts in order to incorporate the new settings.

Memory settings

You can easily check the amount of memory being used for storing data, such as Fun & Apps, Messages, Phonebook, Calendar, Tasks, Notes, and Activate key. You can also delete any selected information from your phone:

1. When the Idle mode displays, press the **Menu** soft key.
2. Select **Settings** and press the **Select** (Left) soft key or the OK key.
3. Select **Memory settings** and press the **Select** (Left) soft key or the OK key.
4. The following options are available. Use the **Up** or **Down** Navigation key to scroll to and set options. Choose from the following:
   - **Clear memory**
   - **Memory status**

Clearing Memory

1. Highlight **Clear Memory** and press the **Select** (Left) soft key or the OK key.
2. Highlight **All** and press the OK key to select all available categories.

   You can remove the check mark by pressing the OK twice. Selecting **All** places a checkmark adjacent to every entry in the list.

   -OR-
3. Highlight a specific category and press the OK key to select it.
4. Press the **OK** soft key.
5. Enter your password (if applicable) and press the **Confirm** soft key. Depending on your phone's security settings, you may be asked to enter your password a second time.
6. At the **Clear?** confirm screen, press the **Yes** soft key to continue, or the **No** soft key to cancel.
7. Press the key to return to Idle mode.

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Checking the Memory Status

1. Highlight **Memory Status** and press the **Select** (Left) soft key or the OK key.
2. Highlight the storage category and the **Select** (Left) soft key or the OK key. Choose from one of the following categories:
   - **Shared memory**
   - **Messages**
   - **Fun & Apps**
   - **Calendar**
   - **Tasks**
   - **Notes**
   - **Phonebook**
3. Press the **Up** or **Down** navigation key to select the entry and press the **Select** (Left) soft key to view the contents of a category's memory.
4. Press the key to return to Idle mode.

Section 12: Health and Safety Information

Topics Covered

- Health and Safety Information
- Samsung Mobile Products and Recycling
- UL Certified Travel Adapter
- Consumer Information on Wireless Phones
- Road Safety
- Responsible Listening
- Operating Environment
- Using Your Phone Near Other Electronic Devices
- Potentially Explosive Environments
- Emergency Calls
- FCC Notice and Cautions
- Other Important Safety Information
- Product Performance
- Availability of Various Features/Ring Tones
- Battery Standby and Talk Time
- Battery Precautions
- Care and Maintenance

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

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

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

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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:

- Head: 0.832 W/kg.
- Body-worn: 0.417 W/kg.

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

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

Samsung Mobile Products and Recycling

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

Go to: http://www.samsungwireless.com/recycling.asp for more information.

UL Certified Travel Adapter

The Travel Adaptor for this phone has met UL 1310 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:

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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.

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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.

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What about children using wireless phones?

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

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

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

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

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

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

In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

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

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

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/

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- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- National Radiation Protection Board (UK): http://www.hpa.org.uk/radiation
- US Food and Drug Administration http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

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

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies

depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

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

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

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

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

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

Using Your Phone Near Other Electronic Devices

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

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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 Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

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

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

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

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

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

Emergency Calls

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

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

To make an emergency call:

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

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

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

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Restricting Children's access to your Phone

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

FCC Notice and Cautions

FCC Notice

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

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

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

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

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

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

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

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

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

Understanding How Your Phone Operates

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

Maintaining Your Phone's Peak Performance

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

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

- 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.

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- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

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

Battery Standby and Talk Time

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

Battery Precautions

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

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

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Care and Maintenance

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

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

Section 13: Accessibility

Topics Covered

- TTY Settings

*TTY Settings**

TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via a telephone. This phone comes TTY-ready and only requires the insertion of the TTY device to enable this feature.

Use the following steps to access the TTY settings:

1. Inserting a TTY connector into the Headset/Adapter jack (on the left side of the phone) enables this function.

For additional technical support you may access the following website or call 1-888-987-4357.

http://www.samsungtelecom.com/contact_us/accessibility.asp

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Section 14: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG

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

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

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Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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