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GUÍA DEL USUARIO

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USER GUIDE

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User Guide

- Screen displays and illustrations may differ from those you see on actual phone.
- Actual displays and the color of the phone may vary.
- Some of the contents of this guide may not apply to your phone, depending on the software and your service provider. All information in this document is subject to change without notice.
- This handset is not suitable for people who have a visual impairment due to the touch screen keyboard.
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Phone Overview

Earpiece

LCD Screen

Soft keys
Each of these keys performs the functions indicated by the text on the display immediately above them.

Speakerphone Key

Send Key

Lock Mode Key
Symbol table at editor. Key lock (Long press while in idle)

Clear/Voice Commands Key
Deletes single spaces or characters with a quick press. Press and hold to delete entire words while entering text. Press once to back out of menus, one level at a time. For quick access to Voice commands, press this key once from the idle screen.

Power/End Key

Silent Mode Key
Toggle edit mode at editor. Silent on/off (Long press while in idle)

Charger/Accessory Port Connects the phone to the charger or other compatible accessories.

Charging with PC & USB cable: You can use your computer to charge your phone. Connect one end of a USB cable to the Charger/ Accessory Port on your phone and the other end to a high-power USB port on your PC (commonly located on the front panel of the computer).

Menus Overview

Menu Access

While in standby mode, press the Left Selection Key ▭ **[Menu]** to access your phone's menus. There are two methods of accessing menus and submenus:
- Use the Directional Keys ◯ to highlight a menu/option and press ⬛ to select it.
- Press the number key on the keypad to activate the corresponding menu/option.

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2. Buy airtime

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4. My airtime info

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Getting Started with Your Phone

The Battery

Installing the Battery

1 Use the fingernail cutout at the bottom of the back cover to lift and remove the cover.
2 Align the battery contacts with the terminals near the top of the battery compartment and insert the battery into the compartment.
3 Align the back cover and press it downwards until it clicks into place.

Removing the Battery

1 Turn the phone off.
2 Use the fingernail cutout at the bottom of the back cover to lift and remove the cover.
3 Use the fingertip opening near the bottom of the battery compartment to lift the battery out.

Charging the Battery

Use the charger provided with your phone.

WARNING: Use only the charger provided with the phone. Using any charger other than the one included with the phone may damage your phone or battery.

NOTICE: Please make sure that the 'B' side faces up before inserting a charger or USB cable into the Charger/ Accessory Port of your phone.

Plug one end of the charging adapter into the phone's Charger/Accessory Port and the other end into an electrical outlet.
The charge time varies depending upon the battery level.

Charging with a USB cable

You can use your computer to charge your phone. To be able to charge with the USB cable, you may need to have the necessary USB driver installed on your PC first. Connect one end of the USB cable to the Charger/Accessory Port on your phone and the other end to the USB port on your PC.

NOTE: Low-power USB ports are not supported, such as the USB ports on your keyboard or bus-powered USB hub.

Battery Temperature Protection

If the battery gets overheated, the phone will automatically turn off. When you turn the phone back on, a message pops up alerting you that the phone was powered off for your safety.

Battery Charge Level

You can find the battery charge level ▥ at the top right corner of the LCD screen. When the charge level becomes low, the battery sensor sounds a warning tone, blinks the battery icon, and/or displays a warning message.
If the battery charge level becomes exceedingly low, the phone automatically switches off and any function in progress is not saved.

Signal Strength

Call quality depends on the signal strength in your area. You can tell how much signal strength you have by the number of bars next to the signal strength icon ▼ ▂▄▆ : the more bars, the stronger the signal. If you're having problems with signal quality, move to an open area or, when inside a building, try moving near a window.

Turning the Phone On and Off

Turning the Phone On
1 Insert the battery and connect the phone to an external power source if the battery level is low.

2 Press the **Power/End Key** `PWR END` until the LCD screen lights up.

Turning the Phone Off

Press and hold the **Power/End Key** `PWR END` until the LCD screen turns off.

Making Calls

1 Make sure the phone is turned on.
2 Enter the phone number.
3 Press the **Send Key** `SEND` to dial the call.
4 Press the **Power/End Key** `PWR END` to end the call.

> **NOTE:** Your phone has a Voice commands feature that also lets you make calls by saying a phone number or contact name.

Correcting Dialing Mistakes

While entering a phone number, press the **Clear Key** `BACK` once to erase the last digit entered. You can also hold it down for at least two seconds to delete all the digits you entered.

Redialing Calls

Press the **Send Key** `SEND` twice to redial the last number dialed.

Screen Icons

When the phone is on, the top line of the LCD screen displays phone status icons. To see the icon glossary, go to `—` **Menu** > `# ♯` **Settings** > `6 MNO` **Phone info** > `3 DEF` **Icon glossary** on your phone.

Quick Access to Convenient Features

Sounds Off

Quickly deactivate your phone's sounds when you're in a place where phone sounds would be disruptive.

From standby mode press and hold the ⟦# ⟧ for 3 seconds. To return to normal sounds mode, press and hold the ⟦# ⟧.

Mute Function

The Mute Function prevents the transmission of your voice to the caller. To quickly activate Mute while on a call, press the Left Selection Key ⟦—⟧ **[Mute]**. To unmute, press the Left Selection Key ⟦—⟧ **[Unmute]** again.

Call Waiting

During a call, one beep indicates another incoming call. Press the **Send Key** ⟦SEND⟧ to answer it and put the first call on hold. Press the **Send Key** ⟦SEND⟧ again to return to the first call.

3-way call

You can talk with two people at the same time with a three-way conversation on your wireless phone. Airtime and other charges, which may include toll or long distance charges, will apply for all simultaneous calls until you end one call.

1 While on the first call, dial the 10-digit number of the second person.
2 Press the **Send Key** [SEND]. The first person is automatically put on hold while the call is made.
3 When the second person answers, press ⬤ **[Merge]** to create a conference call.
4 If the second person does not answer, press the **Send Key** [SEND] once to end the connection and go back to the first person.
5 To end both conversations completely, press the **Power/End Key** [PWR/END].

Caller ID

Caller ID displays the number and/or name and picture (if applicable) of the person calling when your phone rings.

Voice commands

Voice commands allow you to do things by verbal command (e.g., make calls, check Voicemail, etc.). Press the **Voice Commands Key** [BACK] on the keypad.

1 Call Say "Call" and then call someone simply by saying the name or phone number.

2 Send msg to Say "Send message" and the command will prompt you for the type of message.

3 Go to This allows you to access a menu within the phone.

4 Check This allows you to check out a wide range of items such as Phone status, Voicemail, Messages, Missed calls, Time, Signal strength, Battery level, Volume and My number.

5 Contacts You can look up names in your Contacts as well as manage your Contact List including creating, erasing or modifying.

6 Redial Say "Redial" and the phone will redial the last phone number.

7 Help Provides a general guideline to using Voice commands.

Entering and Editing Information

Text Input

The following key functions are available to help with text entry:

⊟ **Left Selection Key**: Press to change the text input mode.

#⃣ **Shift**: Press to change capitalization (initial cap, caps lock, lowercase).

⊟ **Right Selection Key**: Press to display other matching words in the database in T9 word mode.

0⃣ **Space**: Press to complete a word and insert a space.

⌫ **Clear**: Press to delete a single space or character. Hold to delete the entire text.

✱ **Punctuation**: Press to insert punctuation symbols.

Text Input Modes

In a text field, press the Left Selection Key ⊟ to select a text input mode:

T9 Word/ Abc/ ABC/ 123/ T9 Palabra/ Symbols/ Templates

> **NOTE:** T9 Palabra is the Spanish counterpart of T9 Word which utilizes accents, tildas, etc. for correct Spanish word spelling.

Contacts in Your Phone's Memory

Storing Basics

1 Enter a number (max. 48 digits), then press the Left Selection Key ⎯ **[Save]**.
2 Use the Directional Key ⬡ to highlight **Add new contact/ Update existing**, then press ▢.
3 Use the Directional Key ⬡ to highlight **Mobile 1/ Home/ Business/ Mobile 2/ Fax**, then press ▢.
4 Enter a name (max. 32 characters), and any additional information, then press ▢ **[Save]**.

> **NOTE:** If you selected **Update existing** after you select the number type, the contact information is automatically updated.

Customizing Individual Entries

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ➁ᴬᴮᶜ **Contacts**.
3 Press ➁ᴬᴮᶜ **Contact list**.
4 Use the Directional Key ⬡ to highlight a Contact entry, then press the Left Selection Key ⎯ **[Edit]**.
5 Use the Directional Key ⬡ to highlight the information you want to customize.
6 Change the entry as you want, then press ▢ **[Save]** to save your changes.

Speed Dial

Allows you to set up your Speed dials.

1 Press Left Selection Key ⬅ **[Menu]**.
2 Press 🔢 **Contacts**.
3 Press 🔢 **Contact list**.
4 Use the Directional Key 🔘 to highlight a Contact entry, then press the Left Selection Key ⬅ **[Edit]**.
5 Use the Directional Key 🔘 to highlight a phone number, then press the Right Selection Key ⬅ **[Options]**.
6 Use the Directional Key 🔘 to highlight **Set speed dial**, then press 🔲.
7 Select a Speed dial digit.
   • Enter a digit using the keypad, then press 🔲 **[Set]**.
   • Use the Directional Key 🔘 to highlight the Speed dial digit, then press 🔲 **[Set]**.
8 Press 🔲 **Yes** to confirm, then press 🔲 **[Save]** to update your contact entry.

Storing a Number with Pauses

Pauses allow you to enter additional series of numbers to access automated systems such as Voicemail or credit billing numbers. Pause types are:
Wait (W) The phone stops dialing until you press the Left Selection Key ⬅ **[Release]** to advance to the following series of numbers.
2-Sec Pause (P) The phone waits two seconds before dialing the next string of digits.

1 Enter the phone number, then press the Right Selection Key ⬅ **[Options]**.
2 Use the Directional Key 🔘 to highlight **Add 2-sec pause** or **Add wait**, then press 🔲.

3 Enter the additional number(s) (e.g., pin number, credit card number, etc.).

4 Press the Left Selection Key — **[Save]**.

5 Choose **Add new contact/ Update existing**.

6 Choose **Mobile 1/ Home/ Business/ Mobile 2/ Fax**.

7 Continue entering information for the Contact entry as necessary.

> **NOTE:** If you selected **Update existing** after you select the number type, the contact information is automatically updated. You do not have the option to enter additional information.

8 Press 🔘 **[Save]** to update your contact entry.

Adding a Pause to an Existing Contact Entry

1 Press Left Selection Key — **[Menu]**.

2 Press **2ᴬᴮᶜ Contacts**.

3 Press **2ᴬᴮᶜ Contact list**.

4 Use the Directional Key ⬜ to highlight a Contact entry, then press the Left Selection Key — **[Edit]**.

5 Use the Directional Key ⬜ to highlight the number, then press the Right Selection Key — **[Options]**.

6 Press **3ᴰᴱᶠ Add 2-sec pause** or **4ᴳᴴᴵ Add wait**.

7 Enter the additional number(s), then press 🔘 **[Save]** to update your contact entry.

Adding Another Phone Number

From standby mode

1 Enter a phone number, then press the Left Selection Key — **[Save]**.
2 Use the Directional Key ⬭ to highlight **Update existing**, then press ▢.
3 Use the Directional Key ⬭ to highlight an existing entry then press ▢ to update your contact entry.
4 Use the Directional Key ⬭ to highlight **Mobile 1**/ **Home**/ **Business**/ **Mobile 2**/ **Fax**, then press ▢ to update your contact entry.

From the Contact list Screen

1 Press Left Selection Key — **[Menu]**.
2 Press ᴇᴀʙᴄ **Contacts**.
3 Press ᴇᴀʙᴄ **Contact list**.
4 Use the Directional Key ⬭ to highlight an entry, then press the Left Selection Key — **[Edit]**.
5 Use the Directional Key ⬭ to highlight the phone number field you wish to add. Then enter the number and press ▢ **[Save]** to update your contact entry.

Changing Saved Information

To edit any information you stored, access the Edit Contact screen:

1 Press Left Selection Key — **[Menu]**.
2 Press ᴇᴀʙᴄ **Contacts**.
3 Press ᴇᴀʙᴄ **Contact list**.
4 Use the Directional Key ⬭ to highlight a Contact entry, then press the Left Selection Key — **[Edit]**.
5 Use the Directional Key ⬭ to highlight the field you want to change.
6 Make the changes, then press ▢ **[Save]** to update your contact entry.

Changing the Default Number

The Default Number is the phone number you first entered when you created the Contact. However, another number can be saved as the Default number.

1 Press Left Selection Key ⬜ [Menu].
2 Press 2ABC Contacts.
3 Press 2ABC Contact list.
4 Use the Directional Key ⬜ to highlight an entry.
5 Press the Left Selection Key ⬜ [Edit].
6 Use the Directional Key ⬜ to highlight a phone number, then press the Right Selection Key ⬜ [Options].
7 Use the Directional Key ⬜ to highlight Set as default, then press ⬜.
8 Press ⬜ [Yes] to confirm the new number as the default.
   A confirmation message is displayed.
9 Press ⬜ [Save] to update your contact entry.

Deleting

Deleting a Contact Entry

1 Press Left Selection Key ⬜ [Menu].
2 Press 2ABC Contacts.
3 Press 2ABC Contact list.
4 Use the Directional Key ⬜ to highlight an entry.
5 Press the Right Selection Key ⬜ [Options].
6 Press 2ABC Erase.
7 Press ⬜ [Yes] to confirm.

Removing a Speed Dial

1 Press Left Selection Key ⬜ [Menu].

2 Press ⟨2ABC⟩ **Contacts**.

3 Press ⟨2ABC⟩ **Contact list**.

4 Use the Directional Key ⟨◯⟩ to highlight a Contact entry to edit and press ⟨▢⟩ **[View]**.

5 Highlight the phone number with the speed dial, then press the Right Selection Key ⟨—⟩ **[Options]**.

6 Press ⟨2ABC⟩ **Remove speed dial**.

7 Press ⟨▢⟩ **[Yes]** to confirm.

Speed Dialing

Allows you to make phone calls quickly and easily to numbers stored in Contacts.

> **NOTE:** Speed dial 1 is reserved for Voicemail.

Single Digit Speed dials

Press and hold the speed dial digit. Your phone recalls the phone number from your Contacts, displays it, and dials it for you.

Multiple Digit Speed dials

When you press and hold a number key, it signals the phone to call a Speed dial. To dial Speed dials with multiple digits, press the first digit(s), then press and hold the last digit. For example, to call Speed dial 25, press ⟨2ABC⟩ , then press and hold ⟨5JKL⟩.

> **NOTE:** You can also enter the Speed dial digit(s) and press the **Send Key** ⟨SEND⟩.

Using the Phone Menus

Prepaid

Allows you to access various prepaid services.

1. Add airtime

Allows you to add airtime.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press [1] **Prepaid**.
3 Prepaid and [1] **Add airtime**.
4 Enter the airtime PIN and touch the Left Selection Key ⬚ **OK**.
5 Read the displayed message, then select **Yes** or **No**.

2. Buy airtime

Allows you to buy additional airtime.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press [1] **Prepaid**.
3 Prepaid and [2] **Buy airtime**.
4 Select the amount of airtime you want to purchase and follow the instructions on the screen.

3. My phone number

This menu displays your phone number.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press 1ᵒᵒ **Prepaid**.
3 Press 3ᴰᴱꜰ **My phone number**.

4. My airtime info

This menu displays your available minutes and service end date.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press 1ᵒᵒ **Prepaid**.
3 Press 4ᴳᴴᴵ **My airtime info**.

5. Airtime display

You can choose to display or hide the balance and service end date on your Home screen.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press 1ᵒᵒ **Prepaid**.
3 Press 5ᴶᴷᴸ **Airtime display**.
4 Use the Directional Key ⬡ to check your balance and service end date.

6. Serial number

This menu simply displays the information of your phone's MEID.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press 1ᵒᵒ **Prepaid**.
3 Press 6ᴹᴺᴼ **Serial number**.

7. Code entry mode

Code Entry Mode will allow the phone to accept Tracfone-related codes in order to add units, modify specific data and troubleshoot the phone. In using the Code Entry Mode, you can't receive incoming calls or use events alert.

1 Press Left Selection Key ▬ **[Menu]**.
2 Press **1** **Prepaid**.
3 Press **7** **Code entry mode**.

Contacts

The Contacts menu allows you to store names, phone numbers and other information in your phone's memory.

1. New contact

Allows you to add a new contact to your Contact list.

> **NOTE:** Using this submenu, the number is saved as a new Contact, not into an existing Contact.

1 Press Left Selection Key ▬ **[Menu]**.
2 Press **2** **Contacts**.
3 Press **1** **New contact**.
4 Enter the name and press the Directional Key ◯ downward until the phone number type you want is highlighted.
5 Enter the number and any additional contact information and press ▢ **[Save]** to update your contact entry.

> **NOTE:** For more detailed information, see page 21.

2. Contact list

Allows you to view your Contact list.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ₂ᴬᴮᶜ **Contacts**.
3 Press ₂ᴬᴮᶜ **Contact list**.
4 Use the Directional Key ◯ to scroll through your Contacts alphabetically.
   • Press the Right Selection Key ⎯ **[Options]** to select one of the following:
     **New contact/ Erase/ New TXT message/ Call/ Manage contacts/
     Set as favorite/ Search entry mode**
   • Press the Left Selection Key ⎯ **[Edit]** to edit the contact.
   • Press ◉ **[View]** to view the entry details.

> **TIP:** Use the **Go to** field, for quick access to an entry without scrolling.
> For example, to go to "Vet", enter the letter V.

3. Favorites

Allows you to add Contact entries or Contact groups to your list of Favorites to easily
view, call, or send messages.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ₂ᴬᴮᶜ **Contacts**.
3 Press ₃ᴰᴱᶠ **Favorites**.
4 Press ◉ **[Add]**.

> **TIP:** You can add up to 10 Contacts and/or Contact groups as Favorites
> to easily make calls, send messages, and view messages.

5 Select whether you want to add a favorite from your **Contacts** or **Groups**.

6 Use the Directional Key ☐ to scroll through your Contacts or Groups alphabetically and press ◉ **[Mark]**.

7 Press the Left Selection Key ▭ **[Done]**. Once you have added Contacts to the Favorites list, the following options will become available in the Favorites menu:

Left Selection Key ▭: **View**

OK Key ◉ : **New TXT message**

Right Selection Key ▭ : **Options**

Move position/ Remove/ Remove all

4. Groups

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

1 Press Left Selection Key ▭ **[Menu]**.

2 Press **2**ᴬᴮᶜ **Contacts**.

3 Press **4**ᴳᴴᴵ **Groups**.

The following options are available:

• **View a group**

Use the Directional Key ☐ to highlight a group, then press ◉ **[View]**.

• **Add a new group**

Press the Left Selection Key ▭ **[New]** to add a new group to the list. Enter a name, insert a picture (if necessary), and press ◉ **[Save]**.

• **Group's options**

Press the Right Selection Key ▭ **[Options]** to select one of the following:

New TXT message/ Edit group name & ID/ Edit members / Erase group/ Set as favorite/ Search entry mode

Adding contacts to a group

1 From Groups submenu, press ◉ **[View]** and press ◉ **[Add]**.

2 Highlight a desired contact and press ⬜ **[Mark]**.

3 Press Left Selection Key ⎯ **[Done]** to add the contact to the group.

5. Speed dials

Allows you to view your list of Speed dials or designate Speed dials for numbers entered in your Contacts.

1 Press Left Selection Key ⎯ **[Menu]**.

2 Press 2ABC **Contacts**.

3 Press 5JKL **Speed dials**.

4 Use the Directional Key ⬭ to highlight the Speed dial position, or enter the Speed dial digit and press ⬜ **[Set]**.

5 Use the Directional Key ⬭ to highlight the Contact and press ⬜ **[Set]**. (For Contacts with multiple numbers, highlight the number for the Speed dial, then press ⬜ .)

6 Press ⬜ **[Yes]** to confirm.
A confirmation message is displayed.

Messages

Depending on the content and size of your messages, the phone can store up to 520 messages (including a max. of 300 text messages, 100 emergency alerts, in the Inbox; 100 text messages and in the Outbox; 20 text messages and in Drafts). Content stored in the message may be limited by phone model and service capability. Other limits to available characters per message may exist. Please check with your service provider for system features and capabilities.

• When viewing a received message, you can call the sender back by pressing the **Send Key** SEND.

New TXT message Alert

Your phone can alert you when you have new messages. Options include:

1 The phone displays a message on the screen.

2 The message icon (▽) is displayed on the screen. In the case of a high priority message, the icon (▽₃) will flash.

1. New TXT message

This menu allows you to send messages.

The Basics of Sending a Text Message

1 Press Left Selection Key — **[Menu]**.

2 Press ▣ᴰᴱꜰ **Messages**.

3 Press ①ᴬᴮ **New TXT message**.

4 Enter a phone number or a recipient's name in the To field.
As you enter the phone number or a recipient's name, matching contacts appear. You can choose a suggested recipient or continue entering the phone number.

5 Press ◉ to access the text field.

6 Use the keypad to enter your message.

7 Press ◉ **[Send]**.

Select Recipient(s) Using the Add Function

1 Press Left Selection Key — **[Menu]**.

2 Press ▣ᴰᴱꜰ **Messages**.

3 Press ①ᴬᴮ **New TXT message**.

4 With the **To** field highlighted, press the Right Selection Key — **Add**.

5 Select an option and press ◉.
From contacts To select a recipient from your Contact List.
From recent calls To select a recipient from Recent calls.

Using the Phone Menus

Favorites To select a recipient from Favorites.

Groups To Select a recipient from your Groups.

To contacts To save the number to your Contacts.

6 Use the keypad to enter your message.

7 Press ⬜ **[Send]**.

2. Inbox

The phone alerts you in up to 3 ways when you receive a new message:

• By displaying a notification message on the screen.

• By sounding a tone or vibration, if set.

• By displaying (The icon will be when you get a high priority message.)

Viewing Your Inbox

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press ⬜ **Messages**.

3 Press ⬜ **Inbox**.

4 Highlight a message. The following options are available.

• Press ⬜ **[Open]** to view the message.

• Press the Left Selection Key ⬜ **[Erase]** to erase the highlighted message.

• Press the Right Selection Key ⬜ **[Options]** to access the following options:

Reply Replies to the sender's address of the received message.

Reply with copy Replies to the sender's address with a copy of the original message text included.

Forward Forwards the message to other destination address(es).

Add to contacts Stores the callback number, email address, and numbers from the address of the received message into your Contacts.

Extract addresses Allows you to extract the message's contact addresses and save them (if desired).

Message info Allows you to check the received message information.
Manage inbox Allows you to manage (lock, erase and more) multiple messages.
Sort by sender/time Allows you to sort messages alphabetically by sender's name or by time received.

Message Icon Reference

✉	New text message	✉	Read text message
✉	Massage failed	✉	Message sent
✉	Multiple messages delivered	✉	Multiple messages failed
✉	Multiple messages delivery incomplete	✉	Multiple messages sent
✉	Text message draft	✉	Message delivered
🔒	Lock	❗	High priority

3. Sent

The Sent menu stores your sent messages.

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press ᴇ⁓ **Messages**.
3 Press ᴇ⁓ **Sent**.
4 Highlight a message. The following options are available.
   • Press ⬤ **[Open]** to view the message.
   • Press the Left Selection Key ⬚ **[Erase]** to erase the message.
   • Press the Right Selection Key ⬚ **[Options]** for the following options.
     Forward/ **Send**/ **Add to contacts**/ **Message info**/ **Manage sent**/ **Sort by**

recipient

5 While viewing a message, choose for the following options:
Forward/ Lock/ Save as template/ Add to contacts/ Extract address/ Message info

4. Drafts

Saved message drafts are stored here.

1 Press Left Selection Key ⬚ **[Menu]**.

2 Press ➌ᴅᴇꜰ **Messages**.

3 Press ➍ɢʜɪ **Drafts**.

4 Highlight a message. The following options are available.
- Press ⬚ **[Edit]** to continue editing the message.
- Press the Left Selection Key ⬚ **[Erase]** to erase the message.
- Press the Right Selection Key ⬚ **[Options]** for the following options.
  Send Sends the selected message.
  Add to contacts Stores the number, email address, and numbers from the address included in the message into your Contacts.
  Manage drafts Allows you to manage (erase or lock) messages.

Message Icon Reference

 Text Message Draft

5. Voicemail

Allows you to view the number of new voice messages recorded in the Voicemail box. Once you exceed the storage limit, old messages are overwritten. When you have a new voice message, your phone will alert you.

Checking Your Voicemail Box

1   Press Left Selection Key — [Menu].
2   Press ③DEF Messages.
3   Press ⑤JKL Voicemail.
4   The following options are available.
    • Press the Left Selection Key — [Clear] to clear the Voicemail counter. Then
      press 🔘 [Yes].
    • Press the Send Key SEND or 🔘 [Call] to listen to the message(s).
    OR
1   Enter your phone number and press the Send Key SEND from your phone or dial
    your wireless phone number from any touch-tone phone.
    OR
    Press and hold ①∞ from your phone, as a speed dial to your voicemail.
2   When the recorded announcement begins, press #⑧ to interrupt (if applicable).
3   When prompted, enter your password, then press #⑧.

6. Templates

Allows you to manage your text templates.

1   Press Left Selection Key — [Menu].
2   Press ③DEF Messages.
3   Press ⑥MNO Templates.
4   Select a message to view its content and edit it. Press 🔘 [Save] to save it.

Messages settings

Allows you to configure settings for your messages.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press ▤ᴰᴱꜰ **Messages**.
3 Press the Left Selection Key ▭ **[Settings]**.
4 Use the Directional Key ◯ to highlight one of the settings and press ▣ to select it.

Message Settings Options

1 **Entry mode**

Select **T9 Word**, **Abc**, **ABC**, **123**, **T9 Palabra** to be your default input method.

2 **Messages font size**

Allows you to select **Small**, **Normal** or **Large** for the size of the text characters.

3 **TXT instant reply**

Select **On** to text a reply instantly. Or, select **Off**.

4 **TXT auto scroll**

Select **On** to automatically scroll text down while viewing messages.
Or, select **Off**.

5 **CMAS alert**

Set your configuaration for receiving emergency alerts. This menu has three options:
Receive alerts/ Alert reminder/ Alert tone/ Alert vibrate

6 **Signature**

Select **Custom** to create/edit a signature to automatically send with your messages.
Select **None** for no signature.

Erasing messages

You can erase messages stored in your inbox, sent, or drafts folders. You can also erase all messages at the same time.

1 Press Left Selection Key [Menu].

2 Press **Messages**.

3 Press the Right Selection Key **[Options]** then select one of the following: **Erase inbox**/ **Erase sent**/ **Erase drafts**/ **Erase all**

4 Press **[Yes]** to confirm the deletion or select which messages you want to delete.
   A confirmation message is displayed.

Recent call

The Recent call menu has lists of phone numbers and/or Contacts entries for calls you placed, accepted, or missed. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

1. Missed calls

Allows you to view the list of missed calls; up to 90 entries.

1 Press Left Selection Key **[Menu]**.

2 Press **Recent call**.

3 Press **Missed calls**.

4 Use the Directional Key to highlight an entry, then
   • Press **[Open]** to open the entry.
   • Press the **Send Key** to place a call to the number.

- Press the Right Selection Key — **[Options]** to select:
  Save to contacts(Contact info)/ Erase/ Lock(Unlock)/ Erase all/ Call timer
- Press the Left Selection Key — **[Message]** to send a message to the number.

2. Received calls

Allows you to view the list of incoming calls; up to 90 entries.

1 Press Left Selection Key — **[Menu]**.
2 Press 4 GHI **Recent call**.
3 Press 2 ABC **Received calls**.
4 Use the Directional Key ◯ to highlight an entry, then
  - Press ◉ **[Open]** to open the entry.
  - Press the **Send Key** SEND to place a call to the number.
  - Press the Right Selection Key — **[Options]** to select:
    Save to contacts(Contact info)/ Erase/ Lock(Unlock)/ Erase all/ Call timer
  - Press the Left Selection Key — **[Message]** to send a message to the number.

3. Dialed calls

Allows you to view the list of outgoing calls; up to 90 entries.

1 Press Left Selection Key — **[Menu]**.
2 Press 4 GHI **Recent call**.
3 Press 3 DEF **Dialed calls**.
4 Use the Directional Key ◯ to highlight an entry, then
  - Press ◉ **[Open]** to open the entry.
  - Press the **Send Key** SEND to place a call to the number.

- Press the Right Selection Key ⎯ **[Options]** to select:
  Save to contacts(Contact info)/ Erase/ Lock(Unlock)/ Erase all/
  Call timer
- Press the Left Selection Key ⎯ **[Message]** to send a message to the number.

4. All calls

Allows you to view the list of all calls; up to 270 entries.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press **4 GHI** **Recent call**.
3 Press **4 GHI** **All calls**.
4 Use the Directional Key ⬭ to highlight an entry, then
- Press ⬤ **[Open]** to open the entry.
- Press the **Send Key** SEND to place a call to the number.
- Press the Right Selection Key ⎯ **[Options]** to select:
  Save to contacts(Contact info)/ Erase/ Lock(Unlock)/ Erase all/
  Call timer/ Data counter
- Press the Left Selection Key ⎯ **[Message]** to send a message to the number.

SHORTCUT: To view a quick list of all your recent calls, press the **Send Key** SEND from standby mode.

---

5. Call timer

Allows you to view the duration of selected call types.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press **4 GHI** **Recent call**.
3 Press **5 JKL** **Call timer**.

4 Use the Directional Key ⬭ to highlight a call timer.
Last call/ All calls/ Received calls/ Dialed calls/ Roaming calls/ Last reset/ Lifetime calls

5 Press the Left Selection Key ⬭ **[Reset]** to reset the highlighted timer.

6 Reset all the recorded timers by pressing the Right Selection Key ⬭ **[Reset all]**.

> **NOTE:** Lifetime Calls cannot be reset.

Browser

Allows you to access news, sports, weather, and email from your device. Accessibility and selections within this feature are dependent upon your service provider. For specific information on Internet access through your phone, contact your service provider.

1 Press Left Selection Key ⬭ **[Menu]**.

2 Press 5ᴊᴋ **Browser**.

Notepad

Allows you to add, read, edit, and erase notes to yourself.

1 Press Left Selection Key ⬭ **[Menu]**.

2 Press 6ᴹᴺᴼ **Notepad**.

3 Press 1⍺ᴼ **Notepad**.

4 Press the Left Selection Key ⬭ **[Add]** to write a new note.

5 Press the Left Selection Key ⬭ to change the entry mode. Or press the Right Selection Key ⬭ **[Options]** to **Copy text** and **Paste** or to **Cancel** the notepad entry.

6 After filling in the note, press ⬭ **[Save]** to save it.

Multimedia

Everything you need to know while you're on the go.

1. Record voice

Allows you to record voice.
1 Press Left Selection Key — **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 1ᵒᵈ **Record voice**.
4 Press ⬤ to start recording and then press to ⬤ **[Stop]** to stop the recording.

2. Pictures

This menu allows you to view all of your pictures and buy graphics.

Access and Options
1 Press Left Selection Key — **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 2ᴬᴮᶜ **Pictures**.
4 Browse the submenus.

2.1 My pictures

Allows you to view and manage photos stored in the phone.
1 Press Left Selection Key — **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 2ᴬᴮᶜ **Pictures**.
4 Press 1ᵒᵈ **My pictures**.
5 Highlight a picture with the Directional Key ▢ .

The following options are available:

- Press ⬤ **[View]** to view it.
- Press the Left Selection Key ▬ **[Erase]** to delete it.
- Press the Right Selection Key ▬ **[Options]** to select from the following options:
  Set as Allows you to set the picture as your wallpaper or picture ID for a contact.
  Slide show Plays all pictures as a slide show.
  Manage pictures Allows you to mark multiple pictures to be erased or locked/unlocked.
  Rename Allows you to change the file name.
  Lock (Unlock) Allows you to lock or unlock. Locked files can't be erased accidentally.
  File info Allows you to view information for the image file.

Editing a Picture

Access My pictures, then use the Directional Key ⬤ to highlight a picture. Press ⬤ **[View]** and then press the Right Selection Key ▬ **[Options]** and select **Edit** to zoom, rotate and crop the photo.

2.2 Default pictures

Allows you to view and manage default photos stored in the phone.

1 Press Left Selection Key ▬ **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 2ᴬᴮᶜ **Pictures**.
4 Press 2ᴬᴮᶜ **Default pictures**.
5 Highlight a picture with the Directional Key ▢.

The following options are available:

- Press ⬤ **[View]** to view it.

• Press the Right Selection Key ▭ **[Options]** to access the option to set the image as your wallpaper.

2.3 Buy graphics

This menu allows you to buy images.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 2ᴬᴮᶜ **Pictures**.
4 Press 3ᴰᴱᶠ **Buy graphics**.

3. Ringtones

Personalize your phone with ringtones. A wide variety of choices are available, such as current hits, pop, hip-hop, and more.

3.1 My sounds

Allows you to record a new sound or select a desired sound.

How to record a new sound

1 Press Left Selection Key ▭ **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 3ᴰᴱᶠ **Ringtones**.
4 Press 1ᵃᵇ **My sounds**.
5 Press 1ᵃᵇ **Record new** and press ▢ to start recording, then press ▢ **[Stop]** to end recording.

How to select a sound

1 Press Left Selection Key ▭ **[Menu]**.
2 Press 7ᴾᵠᴿˢ **Multimedia**.
3 Press 3ᴰᴱᶠ **Ringtones**.

4 Press `1` **My sounds**.

5 Use the Directional Key `O` to scroll and highlight a preloaded sound.

Options with a sound file highlighted:

- Press the Left Selection Key `—` **[Set as]** to set it as the Ringtone, Contact ID or Alert sounds.
- Press `O` **[Play]** to play the sound.
- Press the Right Selection Key `—` **[Options]** to select: **Rename/ Lock(Unlock)/ Erase/ Erase all/ File info.**

3.2 Default ringtones

Allows you to manage your preloaded sounds.

1 Press Left Selection Key `—` **[Menu]**.

2 Press `7` **Multimedia**.

3 Press `3` **Ringtones**.

4 Press `2` **Default ringtones**.

5 Use the Directional Key `O` to highlight a ringtone and press `O` **[Play]** to play the ringtone or the Left Selection Key `—` **[Set as]** to set the ringtone as:

- `1` **Ringtone**: Sets the ringtone for your incoming calls.
- `2` **Contact ID**: Highlight and select the Contact to be identified by the ringtone you selected.
- `3` **Alert sounds**: Press the corresponding number key to set the ringtone for one of the following:
  All messages/ TXT message/ Voicemail

3.3 Buy ringtones

This menu allows you to buy ringtones.

1 Press Left Selection Key `—` **[Menu]**.

2 Press `7` **Multimedia**.

3 Press <kbd>3DEF</kbd> **Ringtones**.

4 Press <kbd>3DEF</kbd> **Buy ringtones**.

Tools

Your phone tools include Voice commands, Ez tip calculator, Eco-calculator, Info search, Stopwatch, and Unit converter.

1 Press Left Selection Key <kbd>—</kbd> **[Menu]**.

2 Press <kbd>8TUV</kbd> **Tools**.

1. Voice commands

This feature provides you with the following options equipped with AVR (Advanced Voice Recognition) technology. Each option has its detailed information on the phone and you can check it out by pressing the Left Selection Key <kbd>—</kbd> **[Info]**.

1 Press Left Selection Key <kbd>—</kbd> **[Menu]**.

2 Press <kbd>8TUV</kbd> **Tools**.

3 Press <kbd>1</kbd> **Voice commands**.

Access and Options

Press the Voice Commands Key <kbd>BACK</kbd> on the keypad.

The Voice commands feature has several settings which allow you to customize how you want to use it. Access Voice commands, then press the Right Selection Key <kbd>—</kbd> **[Settings]**.

Confirm choices Allows you to choose if the command system prompts you with a list of potential matches. Choose from **Automatic/ Always confirm/ Never confirm**.

Sensitivity Allows you to control how the system filters for matches. Choose from **More sensitive/ Automatic/ Less sensitive**.

Train voice This option allows you to train the phone to recognize your voice patterns. Choose from **Train words**/ **Train digits**.

Prompts Allows you to set how you are notified by the voice commands system and the duration in which you can respond. Choose from **Mode**/ **Audio playback**/ **Timeout**.

- For Mode, set **Prompts**/ **Readout + Alerts**/ **Readout**/ **Tones only**.
- For Audio playback, set **Speakerphone** or **Earpiece**.
- For Timeout, set **5 Seconds** or **10 Seconds**.

1.1 Start command

1 Press Left Selection Key ⬚ **[Menu]**.
2 Press ⬚ **Tools**.
3 Press ⬚ **Voice commands**.

> **NOTE:** You can also press the Voice Commands Key ⬚ from standby mode to quickly access the Voice commands feature.

1.1.1 Call <Name or Number>

Say "Call" and then call someone simply by saying the name or phone number. Please speak clearly and say the name or number exactly as it is entered in your Contact List. When you have more than one contact number, you can state the name and number type of the contact (for example, 'Call John Work').

1.1.2 Send msg to <Name or Number or Group>

Say "Send Message" and the command will prompt you for the type of message. After choosing the message type, you will be prompted for the contact name, number or group. It will automatically start a message. If you say a full-sentence command, such as 'Send Message to Bob', it will automatically start a text message without asking for the message type. When using 'Send Message' command, speak

clearly and say the name, number or group exactly as it is entered in your Contact List.

1.1.3 Go to <Menu>

The 'Go to' command allows you to access a menu within the phone (for example, 'Go to Calendar').

If no menu option is stated, a list of options will be provided.

1.1.4 Check <Item>

The 'Check' command allows you to check out a wide range of items such as Phone status, Voicemail, Messages, Missed calls, Time, Signal strength, Battery level, Volume and My number.

1.1.5 Contacts <Name>

You can look up names in your Contacts (for example, 'Contacts John') as well as manage your Contact List including creating, erasing or modifying.

1.1.6 Redial

Say "Redial" and the phone will redial the last phone number.

1.1.7 Help

Provides a general guideline to using Voice commands.

2. Ez tip calculator

Allows you to quickly and easily calculate bill amounts using the bill total, tip % and number of people as variables.

1 Press Left Selection Key ⊟ **[Menu]**.

2 Press 🔘 **Tools**.

3 Press 🔘 **Ez tip calculator**.

4 Enter the variable fields (Total Bill, Tip (%), Split) and the corresponding calculation fields (tip and total for each person) appear automatically.

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5 Press the Left Selection Key ⊟ **[Reset]** for another calculation.

3. Eco-calculator

Allows you to keep track of your walking and cycling distances. The amount of CO_2 that is decreased by walking and cycling is displayed for you to see.

1 Press Left Selection Key ⊟ **[Menu]**.

2 Press 🔠 **Tools**.

3 Press 🔠 **Eco-calculator**.

4 Select the **Walking** or **Cycling** fields to edit the hours and miles.

> **NOTE:** The decreasing CO_2 amount is automatically updated when you enter the hour or mile amounts.

5 Press the Left Selection Key ⊟ **[Settings]** to set the following settings.

- **Mode** Allows you to switch the Eco-Calculator home screen animation to **Person** or **Tree**. Depending on what information you entered last (Walking or Cycling) an animation will appear. The number of trees in the animation is calculated depending on the amount of CO_2 decreased.
- **Character** Allows you to change the character to **Man, Woman**, or **Man & Woman**. This option is unavailable when Tree is set as the Mode.
- **Unit** Allows you to change the unit amount to **Hour** or **Mile**.
- **My car** Allows you to select the type of fuel your car uses and the fuel efficiency (mpg) of your car to measure the amount of CO_2 discharged.

4. Info search

Allows you to search items stored on the phone.

1 Press Left Selection Key ⊟ **[Menu]**.

2 Press 🔹 **Tools**.

3 Press 🔹 **Info search**.

4 Enter two or more characters in the search field and press 🔹 **[Search]**.

5 By default, the phone will search all the categories. To specify the categories, highlight **All** and press the Left Selection Key 🔹 **[Set]**. Use the Directional Key 🔹 to highlight a category and press 🔹 **[Mark]** to mark/unmark the category. After specifying the categories, press the Left Selection Key 🔹 **[Done]**.

6 To view a search result, highlight the desired results and press 🔹 **[View]**. If you want to retry the search, press the Right Selection Key 🔹 **[Retry]**. If you want to start a new search, press the Left Selection Key 🔹 **[Search]**, enter your key word, then press 🔹 .

7 If no results are found, you will be prompted to try again. Choose **Yes** to try again or **No** to return to the Tools menu.

5. Stopwatch

Allows you to use your phone as a typical stopwatch.

1 Press Left Selection Key 🔹 **[Menu]**.

2 Press 🔹 **Tools**.

3 Press 🔹 **Stopwatch**.

4 Press 🔹 **[Start]**.

5 Pressing 🔹 **[Stop]** will stop or resume Stopwatch time.
   • While measuring time, press the Left Selection Key 🔹 **[Lap]** to record a lap.
   • After time has stopped, press the Right Selection Key 🔹 **[Reset]**.

6. Unit converter

Allows you to converts units to desired units.

1 Press Left Selection Key 🔹 **[Menu]**.

2 Press ⁸ᵀᵁⱽ **Tools**.

3 Press ⁶ᴹᴺᴼ **Unit converter**.

4 Choose from **Area/ Length/ Mass/ Temperature/ Volume/ Velocity**.

5 Select the known unit type and enter the quantity you would like to convert. The conversion will occur upon entering the desired quantity.

My schedule

Allows you to keep your agenda convenient and easy to access. Simply store your appointments and your phone will alert you with a reminder you set.

1. Calendar

Allows you to keep your agenda convenient and easy to access. Simply store your appointments and your phone will alert you with a reminder you set.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⁹ᵂˣʸᶻ **My schedule**.

3 Press ¹□ **Calendar**.

4 Use the Directional Key ◯ to highlight the scheduled day.
   Left: Previous day
   Right: Next day
   Up: Previous week
   Down: Next week

5 Press the Left Selection Key ▭ **[Add]**.

6 Enter the subject, then scroll down to set the remaining settings.

7 Highlight a Calendar setting field, then press the Left Selection Key ▭ **[Set]**. For each Calendar event you can set:
   • Start date   • Start time
   • End date   • End time

- Repeat   - Until
- Alerts   - Tones
- Vibrate

8 Use the Directional Key ⬭ to highlight the setting you want, then press ▢.

9 Press ▢ **[Save]** when Calendar information is complete.

Editing and Deleting calendar entries

1 From the calendar entry list, press ▢ **[View]**.

2 Press ▢ **[Edit]** to edit the calendar entry or press the Left Selection Key ⎯ **[Erase]** to delete the calendar entry.

2. Alarm clock

Allows you to set up to 10 alarms. At the alarm time, your alarm will be displayed on the LCD screen and the alarm will sound.

1 Press Left Selection Key ⎯ **[Menu]**.

2 Press 🔘ᵂˣʸᶻ **My schedule**.

3 Press 🔘ᴬᴮᶜ **Alarm clock**.

4 Press the Left Selection Key ⎯ **[Add]**.

5 Use the Directional Key ⬭ to highlight the information you want to set, then press the Left Selection Key ⎯ [**Set**] to view your setting choices.
   Enter the alarm information including:
   - Turn on/off   - Set time
   - Repeat   - Ringtone

6 Press ▢ **[Save]** after setting all of the Alarm fields as necessary.

How to delete alarms

1 From the Alarm clock list, press the Right Selection Key ⎯ **[Options]** to view the available options.

2 Press [2ABC] **Erase** to delete an alarm or [3DEF] **Erase all** to delete all alarm entries.

3 Press [●] **[Yes]**.

How to edit alarms

1 From the Alarm Clock list, press [●] **[View]** and then press [●] **[Edit]**.

Calculator

Allows you to perform simple mathematical calculations.

1 Open the flip and press Left Selection Key [—] **[Menu]**.

2 Press [*] **Calculator**.

3 Press [1] **Calculator**.

4 Enter the numbers to get the value you want. To clear entered items, press the Left Selection Key [—] **[Clear]**.

5 Use the Right Selection Key [—] **[Operators]** to add other operators.

6 Use the Directional Key [◯] to enter an operation between numbers and press

[●] **[=]** for the result.

Accessibility

Allows you to set the Accessibility settings.

1 Press Left Selection Key [—] **[Menu]**.

2 Press [0+] **Accessibility**.

1. Readout

Allows you to set the Readout settings.

1 Press Left Selection Key [—] **[Menu]**.

2 Press [0+] **Accessibility**.

3 Press [1] **Readout**.

1.1 Full Readout

Allows your phone to read the screens out loud for blind and low-vision users or when your eyes are busy.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ⓞ⁺ **Accessibility**.
3 Press 1 **Readout**.
4 Press 1 **Full Readout**.
5 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

1.2 Menu Readout

Allows you to set the phone to read out menus.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ⓞ⁺ **Accessibility**.
3 Press 1 **Readout**.
4 Press 2ᴬᴮᶜ **Menu Readout**.
5 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

1.3 Digit dial Readout

Allows you to set the phone to read out the digits entered in the dialing screen.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press ⓞ⁺ **Accessibility**.
3 Press 1 **Readout**.
4 Press 3ᴰᴱᶠ **Digit dial Readout**.
5 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

1.4 Caller ID Readout

Allows you to set how you want the Caller ID to be read out.

1 Press Left Selection Key ⎯ **[Menu]**.

2 Press ⚹ **Accessibility**.

3 Press 1 **Readout**.

4 Press 4 **Caller ID Readout**.

5 Use the Directional Key ⬚ to highlight a setting, then press ⬚ **[Set]**.

1.5 Passwords Readout

Allows the phone to read out your passwords.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⚹ **Accessibility**.

3 Press 1 **Readout**.

4 Press 5 **Passwords Readout**.

5 Use the Directional Key ⬚ to highlight a setting, then press ⬚ **[Set]**.

1.6 Speech rate

Allows you to set the menu readout speech rate.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⚹ **Accessibility**.

3 Press 1 **Readout**.

4 Press 6 **Speech rate**.

5 Use the Directional Key ⬚ to highlight a setting, then press ⬚ **[Set]**.

2. Invert color

Allows you to invert the color theme.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⚹ **Accessibility**.

3 Press 2 **Invert color**.

4 Use the Directional Key ⬚ to highlight a setting, then press ⬚ **[Set]**.

3. Large text

Allows you to use larger font for menus.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press ⟐⁺⟐ **Accessibility**.
3 Press ⟐³ᴰᴱꟻ **Large text**.
4 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

4. Mono audio

Allows you to play the same sounds to both earpieces so you can hear everything with just one ear.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press ⟐⁺⟐ **Accessibility**.
3 Press ⟐⁴ᴳᴴᴵ **Mono audio**.
4 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

5. Turn off all sounds

This menu turns off all of device's sounds.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press ⟐⁺⟐ **Accessibility**.
3 Press ⟐⁵ᴶᴷᴸ **Turn off all sounds**.
4 Use the Directional Key ◯ to highlight a setting, then press ⬛ **[Set]**.

6 Hearing aid

Allows you to activate or deactivate Hearing Aid Compatibility for this device.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press ⟐⁺⟐ **Accessibility**.

3 Press ⑥ **Hearing aid**.

4 Use the Directional Key ⬭ to highlight a setting, then press ⬜ **[Set]**.

Settings

This menu allows you to set various phone settings and view phone information.

1. Sounds settings

Provides options to customize the phone's sounds.

1.1 Volumes

Allows you to quickly set the main Sounds settings for incoming calls and messages (text and Voicemail).

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⌗ **Settings**.

3 Press ① **Sounds settings**.

4 Press ① **Volumes**.

5 Adjust the volume with the Directional Key ⬭ and press ⬜ **[Set]** to save the setting.

1.1.1 Master volume

Allows you to set the Master volume.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press ⌗ **Settings**.

3 Press ① **Sounds settings**.

4 Press ① **Volumes**.

5 Press ① **Master volume**.

1.1.2 Readout volume

Allows you to set the Readout volume.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press #⍰ **Settings**.
3 Press 1⌐ **Sounds settings**.
4 Press 1⌐ **Volumes**.
5 Press 2ABC **Readout volume**.

1.1.3 Keypad volume

Allows you to set the keypad volume.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press #⍰ **Settings**.
3 Press 1⌐ **Sounds settings**.
4 Press 1⌐ **Volumes**.
5 Press 3DEF **Keypad volume**.

1.2 Call sounds

Allows you to set how the phone alerts you for types of incoming calls.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press #⍰ **Settings**.
3 Press 1⌐ **Sounds settings**.
4 Press 2ABC **Call sounds**.

1.2.1 Call ringtone

Allows you to set the ringtones for incoming calls.

1 Press Left Selection Key ⏤ **[Menu]**.
2 Press #⍰ **Settings**.
3 Press 1⌐ **Sounds settings**.
4 Press 2ABC **Call sounds**.

Using the Phone Menus

5 Press `1` **Call ringtone**.

6 Highlight a submenu and press ⬛ to open it.

7 Use the Directional Key ⬭ to highlight a ringtone, then press ⬛ **[Set]** to save the sound.

TIP: To hear a ringtone before you set it, press the Left Selection Key ▭ **[Play]**.

1.2.2 Call vibrate

Allows you to set the phone to vibrate when you receive an incoming call.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press `#` **Settings**.

3 Press `1` **Sounds settings**.

4 Press `2` **Call sounds**.

5 Press `2` **Call vibrate**.

6 Use the Directional Key ⬭ to highlight a setting, then press ⬛ **[Set]**.

1.2.3 Caller ID Readout

Allows you to set how you want the Caller ID to be read out.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press `#` **Settings**.

3 Press `1` **Sounds settings**.

4 Press `2` **Call sounds**.

5 Press `3` **Caller ID Readout**.

6 Use the Directional Key ⬭ to highlight a setting, then press ⬛ **[Set]**.

1.3 Alert sounds

Allows you to select the alert type sounds.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press 🔳 **Settings**.

3 Press 1️⃣ **Sounds settings**.

4 Press 3️⃣ **Alert sounds**.

5 Select **TXT message/ Voicemail/ Emergency tone/ Missed call**.
The Alert sounds menu has these options: **Tone/ Vibrate/ Reminder**
The exception for this is the Emergency tone menu. This menu includes the following options: **Alert/ Vibrate/ Off**.

1.4 Service alerts

Allows you to set any of the three available service alerts.

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press 🔳 **Settings**.

3 Press 1️⃣ **Sounds settings**.

4 Press 4️⃣ **Service alerts**.

5 Select an alert option.

Call connect Alerts you when the call is connected.

Call disconnect Alerts you when the call is disconnected.

Charge complete Alerts you when the battery is completely charged.

6 Use the Directional Key ⬭ to highlight a setting, then press ⬛ **[Set]**.

1.5 Power on/off

Allows you to select the sounds when turning the phone on and off.

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press 🔳 **Settings**.

3 Press 1️⃣ **Sounds settings**.

4 Press 5️⃣ **Power on/off**.

5 Press 1️⃣ **Power on** or 2️⃣ **Power off**.

6 Use the Directional Key ⬭ to highlight a setting, then press ⬛ **[Set]**.

1.6 Senior mode

Allows you to set the phone to automatically adapt to noisy environments by adjusting the listening level and improving speech intelligibility.

NOTE: The Senior mode feature is automatically disabled when you use the speakerphone or the hands-free devices.

---

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #ⅈ **Settings**.
3 Press 1∞ **Sounds settings**.
4 Press 6ᴹᴺᴼ **Senior mode**.
5 Use the Directional Key ⬭ to highlight a setting, then press ⬛ **[Set]**.

2. Display settings

Provides options to customize the phone's display screen.
1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #ⅈ **Settings**.
3 Press 2ᴬᴮᶜ **Display settings**.

2.1 Backlight timer

Allows you to set the duration for illuminating the backlight for the main display, front display, and keypad. Each is set separately.
1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #ⅈ **Settings**.
3 Press 2ᴬᴮᶜ **Display settings**.
4 Press 1∞ **Backlight timer**.
5 Use the Directional Key ⬭ to highlight a setting, then press [Set].
   • 5 Seconds/ 10 Seconds/ 20 Seconds/ 30 Seconds/ 60 Seconds

2.2 Brightness

Allows you to set the backlight levels.

1 Press Left Selection Key — **[Menu]**.
2 Press #* **Settings**.
3 Press 2ABC **Display settings**.
4 Press 2ABC **Brightness**.
5 Use the Directional Key ⬤ to highlight a setting, then press ⬤ **[Set]**.

NOTE: Brightness level can be 1 to 7.

2.3 Wallpaper

Allows you to choose the kind of background to be displayed on the phone's LCD in standby mode.

1 Press Left Selection Key — **[Menu]**.
2 Press #* **Settings**.
3 Press 2ABC **Display settings**.
4 Press 3DEF **Wallpaper**.
5 Highlight a Wallpaper submenu and press ⬤.
6 Highlight a picture and press ⬤ **[Set]** to set it as the wallpaper.

2.4 Menu style

Allows you to choose between the different themes for the phone's menus.

1 Press Left Selection Key — **[Menu]**.
2 Press #* **Settings**.
3 Press 2ABC **Display settings**.
4 Press 4GHI **Menu style**.
5 Use the Directional Key ⬤ to highlight a setting, then press ⬤ **[Set]**.

2.5 Font type

Allows you to set the font type.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #⠮ **Settings**.
3 Press 2ᴬᴮᶜ **Display settings**.
4 Press 5ᴶᴷᴸ **Font type**.
5 Use the Directional Key ⬭ to highlight a setting, then press ▣ **[Set]**.

2.6 Font size

Allows you to set the font size for Dial digits, Menu & List and Message. This setting is helpful for those who need the text to display a little bit larger.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #⠮ **Settings**.
3 Press 2ᴬᴮᶜ **Display settings**.
4 Press 6ᴹᴺᴼ **Font size**.
5 Use the Directional Key ⬭ to highlight **Dial digits/ Menu & list/ Message**.

6 Press the Directional Key ◯ left and right to scroll through the settings, then press ⬤ **[Set]**.
Dial digits: Small/ Normal/ Large
Menu & list: Small/ Normal/ Large
Message: Small/ Normal/ Large

NOTE: Press the Left Selection Key ⊟ **[Preview]** to preview the selected font size.

2.7 Clock format

Allows you to choose the kind of clock to be displayed on the front and main LCD screens.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #️⃣ **Settings**.
3 Press 2️⃣ABC **Display settings**.
4 Press 7️⃣PQRS **Clock format**.
5 Use the Directional Key ◯ to highlight a setting, then press ⬤ **[Set]**.

NOTE: Press the Left Selection Key ⊟ **[Preview]** to preview the selected clock format.

2.8 Name match for dialing

Allows you to display names when entering matching phone numbers to dial.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press #️⃣ **Settings**.
3 Press 2️⃣ABC **Display settings**.
4 Press 8️⃣TUV **Name match for dialing**.
5 Use the Directional Key ◯ to highlight a setting, then press ⬤ **[Set]**.

3. Phone settings

The Phone Settings menu allows you to designate specific settings to customize how you use your phone.

3.1 Airplane mode

Turning on Airplane mode will disable all wireless communications.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press �🌐ᴅᴇꜰ **Phone settings**.
4 Press 1⚬⚬ **Airplane mode**.
5 Use the Directional Key ⬭ to highlight a setting, then press ⬤ **[Set]**.

3.2 Set directional keys

> **NOTE:** To access these shortcuts press the Directional Key ⬭ in the direction (up,down,left,right) set from standby mode for the Shortcut you want to access.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press �🌐ᴅᴇꜰ **Phone settings**.
4 Press 2ᴀʙᴄ **Set directional keys**.
5 Use the Directional Key ⬭ to highlight a shortcut key you want to set.
6 Press ⬤ **[Set]** to display the available shortcuts. Use the Directional Key ⬭ to highlight one, then press ⬤ **[Set]**.

3.3 Voice commands

Please refer to page 44 for details.

3.4 Language

Allows you to set your preferred language (English or Spanish).

1 Press Left Selection Key ▬ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press ₃ᴰᴱꟳ **Phone settings**.
4 Press ₄ᴳᴴᴵ **Language**.
5 Use the Directional Key ◯ to highlight a setting, then Press ▣ **[Set]**.

3.5 Location

Allows you to set GPS (Global Positioning System: Satellite assisted location information system) mode.

1 Press Left Selection Key ▬ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press ₃ᴰᴱꟳ **Phone settings**.
4 Press ₅ᴶᴷᴸ **Location**.
5 Use the Directional Key ◯ to highlight a setting, then press ▣ **[Set]**.

NOTES:
• GPS satellite signals are not always received by the phone, especially under bad atmospheric and environmental conditions, indoors, etc.
• When in Airplane Mode, services supporting Location On functionality will be suspended.

3.6 Auto key lock

The Auto key lock menu allows you to prevent your phone keys from being pushed accidentally.

1 Press Left Selection Key ▬ **[Menu]**.
2 Press ⌗ **Settings**.

3 Press 🔢 **Phone settings**.

4 Press 🔢 **Auto key lock**.

3.7 Security

The Security menu allows you to secure the phone electronically.

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press 🔢 **Settings**.

3 Press 🔢 **Phone settings**.

4 Press 🔢 **Security**.

5 Enter the four-digit lock code.
The lock code is the last 4 digits of your mobile phone number if it is set. The lock code is the last 4 digits of your MEID if your mobile phone number is not set.

3.7.1 Edit codes

Allows you to enter a new four-digit lock code.

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press 🔢 **Settings**.

3 Press 🔢 **Phone settings**.

4 Press 🔢 **Security**.

5 Enter the four-digit lock code.

6 Press 🔢 **Edit codes**.

7 Select **Phone only** or **Calls & services**.

8 Enter your new four-digit lock code.

9 For confirmation, you will be prompted to enter the new lock code again.

3.7.2 Restrictions

Allows you to set separate restrictions for calls, text and data.

1 Press Left Selection Key ⬜ **[Menu]**.

2 Press 🔢 **Settings**.

3 Press ③DEF **Phone settings**.

4 Press ⑦PQRS **Security**.

5 Enter the four-digit lock code.

6 Press ②ABC **Restrictions**.

7 Enter the four-digit service code.

8 Select a Restrictions menu, then press ▣.

9 Use the Directional Key ◯ to highlight the restriction then press ▣.

Calls: Incoming calls Allow all/ Contacts only/ Block all

Calls: Outgoing calls Allow all/ Contacts only/ Block all

Text msgs: Incoming messages Allow all/ Contacts only/ Block all

Text msgs: Outgoing messages Allow all/ Contacts only/ Block all

Data Allow all/ Block all

3.7.3 Phone lock setting

Keeps your phone from unauthorized use. Once the phone is locked, it's in restricted mode until the lock code is entered. You can still receive phone calls and make emergency calls. You can modify the lock code using Edit codes submenu within the Security menu.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press #☆ **Settings**.

3 Press ③DEF **Phone settings**.

4 Press ⑦PQRS **Security**.

5 Enter the four-digit lock code.

6 Press ③DEF **Phone lock setting**.

7 Highlight an option and press ▣ **[Set]**.

Unlocked The phone remains unlocked, by default.

On power up The phone is locked when it is turned on.

3.7.4 Lock phone now

Allows you to lock your phone immediately.

1 Press Left Selection Key ⊡ [Menu].
2 Press ⊞⁑ Settings.
3 Press ⬛ᴅᴇꜰ Phone settings.
4 Press ⓻ᴘǫʀꜱ Security.
5 Enter the four-digit lock code.
6 Press ④ɢʜɪ Lock phone now.

> NOTE: To unlock the phone from standby mode, press the Right
> Selection Key ⊡ [Unlock] and enter the four-digit lock code.

3.7.5 Reset default

Allows you to reset your phone to the factory default settings.

1 Press Left Selection Key ⊡ [Menu].
2 Press ⊞⁑ Settings.
3 Press ⬛ᴅᴇꜰ Phone settings.
4 Press ⓻ᴘǫʀꜱ Security.
5 Enter the four-digit lock code.
6 Press ⑤ᴊᴋʟ Reset default.
7 Press ⬤ after reading the warning message.
8 Highlight Revert and press ⬤.
  A confirmation message is displayed briefly before the phone resets itself.

3.8 System select

Allows you to set up the phone management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press **Settings**.
3 Press **Phone settings**.
4 Press **System select**.
5 Use the Directional Key ⬤ to highlight a setting, then press ⬤ **[Set]**.

4. Call settings

The Call settings menu allows you to set various configurations for calling features.

4.1 Answer options

Allows you to determine how the phone will answer an incoming call.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press **Settings**.
3 Press **Call settings**.
4 Press **Answer options**.
5 Use the Directional Key ⬤ to select a option you want to use.

> **NOTE:** Auto with handsfree is available when any external device is connected to your phone or speaker is set to on.

4.2 TTY mode

Allows you to attach a TTY device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1 Press Left Selection Key ⎯ **[Menu]**.
2 Press **Settings**.
3 Press **Call settings**.

4 Press ⏭ABC **TTY mode**.

5 An explanation message is displayed.

6 Press ⏺ to continue.

7 Use the Directional Key ◯ to highlight a setting, then press ⏺ **[Set]**.

TTY full: Users who cannot talk or hear send and receive a text message through TTY equipment.

TTY + talk: Users who can talk but cannot hear receive a text message and send voice through TTY equipment.

TTY + hear: Users who can hear but cannot talk send a text message and receive voice through TTY equipment.

TTY off: Users send and receive without TTY equipment.

Connecting TTY Equipment and a Terminal

1 Connect a TTY cable to TTY connection on the terminal (TTY connection location is the same as a headset jack).

2 Enter the phone menu and set the desired TTY mode.

3 After setting a TTY mode, check the LCD screen of the phone for the TTY icon.

4 Connect the TTY equipment to the power source and turn it on.

5 Make a phone connection to the desired number.

6 When connection is made, use the TTY equipment to type in and send a text message or send voice.

7 The voice or text message from the receiver end displays on the TTY equipment display.

TTY mode (Teletypewriter)

Menu	User	Menu	Transmission/ Receiving Mode	When making communications with a non-TTY terminal
TTY full	For hearing-/ verbally- impaired		Text message transmission, text message receiving	Operator required
TTY + talk	For hearing-impaired	Able to talk	Voice transmission, text message receiving	Operator required
TTY + hear	For verbally-impaired	Audible	Text message transmission, voice receiving	Operator required
TTY off			Voice transmission, voice receiving	

4.3 One touch dial

Allows you to initiate a speed dial call by pressing and holding the speed dial digit. If set to Off, Speed dial numbers designated in your Contacts will not function.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press [#] **Settings**.
3 Press [4ᴳᴴᴵ] **Call settings**.
4 Press [3ᴰᴱᶠ] **One touch dial**.
5 Use the Directional Key ◯ to highlight a setting, then press ▣ **[Set]**.

4.4 Voice privacy

Allows you to set the voice privacy feature for CDMA calls. CDMA offers inherent voice privacy. Check with your service provider for availability.

1 Press Left Selection Key ⊟ **[Menu]**.
2 Press [#] **Settings**.
3 Press [4ᴳᴴᴵ] **Call settings**.
4 Press [4ᴳᴴᴵ] **Voice privacy**.
5 Use the Directional Key ◯ to highlight a setting, then press ▣ **[Set]**.

4.5 DTMF tones

Allows you to set the DTMF tone length.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press 4ᴳᴴᴵ **Call settings**.
4 Press 5ᴶᴷᴸ **DTMF tones**.
5 Use the Directional Key ◯ to highlight a setting, then press ▢ **[Set]**.

5. Memory

Allows you to check your phone's internal memory. Shows the memory information saved in your phone.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press 5ᴶᴷᴸ **Memory**.
4 Use the Directional Key ◯ to select a submenu, then press ▢ to view the memory used.

6. Phone info

Allows you to view the information specific to your phone and software.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press ⌗ **Settings**.
3 Press 6ᴹᴺᴼ **Phone info**.

6.1 My number

Allows you to view your phone number.

1 Press Left Selection Key ▭ **[Menu]**.
2 Press ⌗ **Settings**.

3 Press ⁶ᴹᴺᴼ **Phone info**.

4 Press ¹⁻ **My number**.

6.2 ESN/MEID

Allows you to view your phone's ESN/ MEID number.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press #⁑ **Settings**.

3 Press ⁶ᴹᴺᴼ **Phone info**.

4 Press ²ᴬᴮᶜ **ESN/MEID**.

6.3 Icon glossary

Allows you to view all the icons and their meanings.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press #⁑ **Settings**.

3 Press ⁶ᴹᴺᴼ **Phone info**.

4 Press ³ᴰᴱᶠ **Icon glossary**.

5 Select a submenu and browse through the icons.

6.4 SW/HW version

Allows you to view the versions of various applications such as SW, PRL, Browser, AVR, MMS, hardware version.

1 Press Left Selection Key ▭ **[Menu]**.

2 Press #⁑ **Settings**.

3 Press ⁶ᴹᴺᴼ **Phone info**.

4 Press ⁴ᴳᴴᴵ **SW/HW version**.

For your safety

WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm. Wash hands after handling.

Important Information

This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Before You Start

Safety Instructions

WARNING! To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as the bathroom, swimming pool, etc.

Always store your phone away from heat. Never store your phone in settings that may expose it to temperatures less than 32°F (0°C) or greater than 113°F (45°C), such as outside during extreme weather conditions or in your car on a hot day. Exposure to excessive cold or heat will result in malfunction, damage and/or catastrophic failure.

Be careful when using your phone near other electronic devices. RF emissions from your mobile phone may affect nearby in adequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to

interference from your mobile phone. Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

Safety Information

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Keep away from electrical appliances such as TVs, radios, and personal computers.
- The unit should be kept away from heat sources such as radiators or cookers.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- Use dry cloth to clean the exterior of the unit. (Do not use solvent such as benzene, thinner or alcohol.)
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object; otherwise, it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use the accessories like an earphone cautiously. Do not touch the antenna unnecessarily.

Memory card information and care

- The memory card cannot be used for recording copyright- protected data.
- Keep the memory card out of the small children's reach.

- Do not leave the memory card in extremely hot location.
- Do not disassemble or modify the memory card.

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

CAUTION

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna.

If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm (0.59 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm (0.59 inches) must be maintained between the user's body and the back of the phone. Any belt-clips, holsters, and similar accessories containing metallic components may not be used. Body-worn accessories that cannot maintain 1.5cm (0.59 inches) separation distance between the user's body and the back of the

phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Part 15.19 statement

This device complies with part15 of FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

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

Cautions for Battery

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Adapter (Charger) Cautions

- Using the wrong battery charger could damage your phone and void your warranty.

- The adapter or battery charger is intended for indoor use only.
- Do not expose the adapter or battery charger to direct sunlight or use it in places with high humidity, such as the bathroom.

Avoid damage to your hearing

- Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.
- If you are listening to music while out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when attempting to cross the street.

Safety Guidelines

TIA Safety Information

Provided herein is the complete TIA Safety Information for Wireless Handheld phones. Inclusion of the text covering Pacemakers, Hearing Aids, and Other Medical Devices is required in the owner's manual for CTIA Certification. Use of the remaining TIA language is encouraged when appropriate.

Exposure to Radio Frequency Signal

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

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the phone held upright.

Tips on Efficient Operation

For your phone to operate most efficiently:

• Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

• Give full attention to driving - driving safely is your first responsibility;
• Use hands-free operation, if available;
• Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 15cm (6 inches) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

• Should ALWAYS keep the phone more than 15cm (6 inches) from their pacemaker when the phone is turned ON;

• Should not carry the phone in a breast pocket.

• Should use the ear opposite the pacemaker to minimize the potential for interference.

• If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

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

Vehicles

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

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

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

Blasting Areas

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

Potentially Explosive Atmosphere

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

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

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

• Do not disassemble or open crush, bend or deform, puncture or shred.
• Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
• Only use the battery for the system for which it is specified.

- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- The phone shall only be connected to USB products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery does not need to be fully discharged before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.

- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, Mobile Web Browsing, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.
- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.

- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Centre to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Centre.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.

- When you use the phone in public places, set the ring tone to vibration so as not to disturb others.
- Do not turn your phone on or off when putting it in your ear.

FDA Consumer Update

The U.S. Food and Drug Administration Centre for Devices and Radiological Health Consumer Update on Mobile Phones.

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby 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.

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

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, the 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, the 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.

The 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
- Occupational Safety and Health Administration (Administración de la seguridad y salud laborales)
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

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

The 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. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The 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 subject of the safety questions discussed in this

document.

3. What kinds of phones are the subject of this update?

The term 'wireless phone' refers here to handheld wireless phones with built-in antennas, often called 'cell', 'mobile', or 'PCS' phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the 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 far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day.

These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association

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

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do- may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). The 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. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with 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.

7. How can I find out how much radio frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radio frequency energy (RF) exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the radio frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical

standard for measuring the radio frequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, 'Recommended Practice for Determining the Spatial- Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques', sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

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

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the 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 the 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. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with

other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones
(http://www.fda.gov/Radiation-EmittingProducts/
RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/
CellPhones/default.htm)

Federal Communications Commission (FCC) RF Safety Program
(http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection
(http://www.icnirp.de)

World Health Organization (WHO) International EMF Project
(http://www.who.int/peh-emf/project/es)

National Radiological Protection Board (UK)
(http://www.nrpb.org.uk/radiation)

10 Driver Safety Tips

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

When operating 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. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work

to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2 When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3 Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4 Suspend conversations during hazardous driving conditions or situations. 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 and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5 Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6 Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip— 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. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8 Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9 Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10 Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. 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 wireless number.

For more information, please call to 888-901-SAFE, or visit our website www.ctia. org.

Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy. The exposure limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or 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. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although 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. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government

adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model phone when tested for use at the ear is 1.27 W/kg and when worn on the body, as described in this user's manual, is 1.18 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID. 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 information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

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

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth components must be disabled during a call.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/

Gallaudet University, RERC

http://tap.gallaudet.edu/Voice/

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/dro/hearing.html
The Hearing Aid Compatibility FCC Order
http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf
Hearing Loss Association of America [HLAA]
http://hearingloss.org/content/telephones-and-mobile-devices

7.11 Warranty Laws

The following laws govern warranties that arise in retail sales of consumer goods:

- The California Song-Beverly Consumer Warranty Act [CC §§1790 et seq],
- The California Uniform Commercial Code, Division Two [Com C §§2101 et seq], and
- The federal Magnuson-Moss Warranty Federal Trade Commission Improvement Act [15 USC §§2301 et seq; 16 CFR Parts 701– 703]. A typical Magnuson-Moss Act warranty is a written promise that the product is free of defects or a written promise to refund, repair, or replace defective goods. [See 15 USC §2301(6).]
  Remedies include damages for failing to honor a written warranty or service contract or for violating disclosure provisions. [See 15 USC §2310(d).] Except for some labeling and disclosure requirements, the federal Act does not preempt state law. [See 15 USC §2311.]

The Consumer Warranty Act does not affect the rights and obligations of parties under the state Uniform Commercial Code, except the provisions of the Act prevail over provisions of the Commercial Code when they conflict. [CC §1790.3.]

For purposes of small claims actions, this course will focus on rights and duties under the state laws.