INSTRUCTION MANUAL
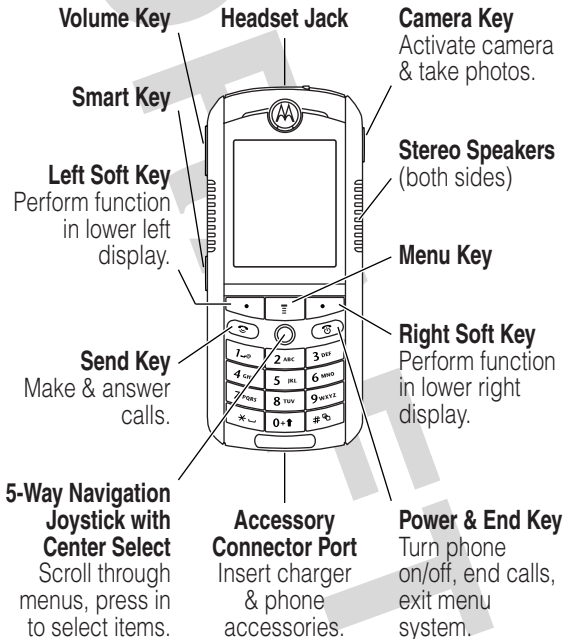
A preliminary draft copy of the Users Manual follows:
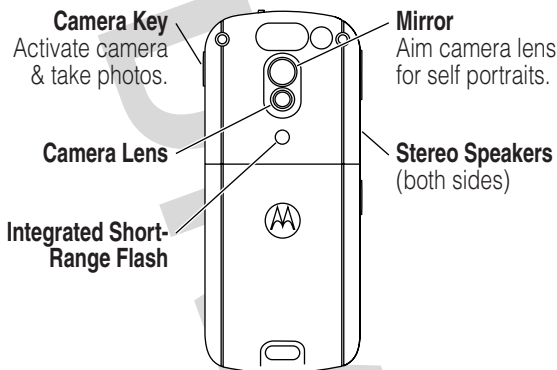
EXHIBIT 8

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola E398 series GSM wireless phone.

Volume Key

Headset Jack

Camera Key
Activate camera & take photos.

Smart Key

Stereo Speakers
(both sides)

Left Soft Key
Perform function in lower left display.

Menu Key

Right Soft Key
Perform function in lower right display.

Send Key
Make & answer calls.

5-Way Navigation Joystick with Center Select
Scroll through menus, press in to select items.

Accessory Connector Port
Insert charger & phone accessories.

Power & End Key
Turn phone on/off, end calls, exit menu system.

Note: Your phone may not appear exactly as shown above. All key locations, sequences, and functions remain the same regardless of your phone's appearance.

1

Check It Out!

Camera Key
Activate camera
& take photos.

Mirror
Aim camera lens
for self portraits.

Camera Lens

Stereo Speakers
(both sides)

**Integrated Short-
Range Flash**

Feature	Description
Use Memory Card	Set the memory location you want to use to store and retrieve files: Go to a multimedia menu (such as **Pictures** or **Sounds**), then press ▤ > **Switch Storage Device** > *device name*.
Play Music	Play a song on your phone: ▤ > **Multimedia** > **Sounds**> *song name*
Create Playlist	Create a playlist of songs to play on your phone: ▤ > **Multimedia** > **Sounds**> [**New Playlist**]

Feature	Description
Rhythm Lights	Activate rhythm lights to flash in sync with the sounds around you: ⊺ > **Settings** > **Personalize** > **Rhythm Lights**
Ring Lights	Choose ring lights for incoming calls: ⊺ > **Settings** > **Ring Styles** > **Ring Lights** > *light pattern*
Wireless Connection	Set up a Bluetooth® wireless connection to a headset accessory, car kit, or external device: ⊺ > **Settings** > **Connection** > **Bluetooth Link** > **Handsfree** > [**Look For Devices**]
Take Photo (With Flash)	Press the camera key to activate the camera. Press ⊺ > **Flash** > **On** to activate the flash. Point lens at subject, then press the camera key to take a photo.
Send Photo	Send a photo to a phone number or email address: Press **STORE** (▭) > **Send In Message**.
Phone Skin	Apply a different skin to the phone display: ⊺ > **Settings** > **Personalize** > **Skin** > *skin*
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds, and videos: ⊺ > **Messages** > **Create Message** > **New Multimedia Msg**
Play Video Clip	Play a video clip: ⊺ > **Multimedia** > **Videos** > *video clip*

Contents

Getting Started

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

About This Guide

This guide describes the basic features of your Motorola wireless phone.

Note: A *More Here* reference guide for your phone is also available that describes your phone's features in more detail.

To obtain the *More Here* guide for your phone, or another copy of this guide, see the Motorola Web site at:

http://motorola.com/consumer/manuals (U.S.A.)
http://motorola.ca/consumer (Canada)

or contact the Motorola Customer Call Center at 1-800-331-6456 (U.S.A.) or 1-800-461-4575 (Canada).

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.
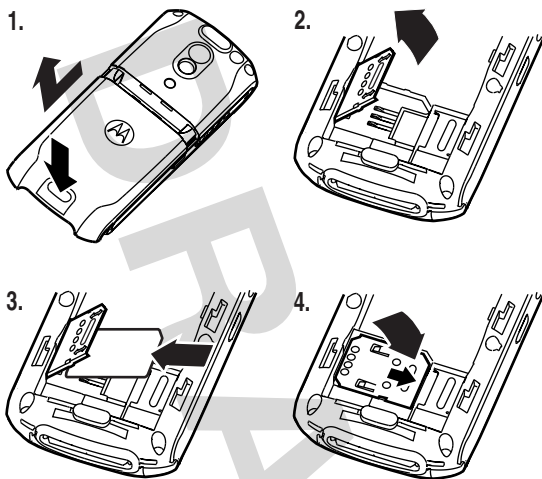
Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.

Installing the SIM Card

Your *Subscriber Identity Module* (SIM) card contains your phone number, service details, and phonebook/message memory.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Installing a Memory Card

You can install a removable memory card in your phone. You can store additional multimedia objects (such as photos and sounds) on the memory card.

Caution: Do not bend or scratch your memory card. Avoid exposing your memory card to static electricity, water, or dirt.

1.

2.

3.
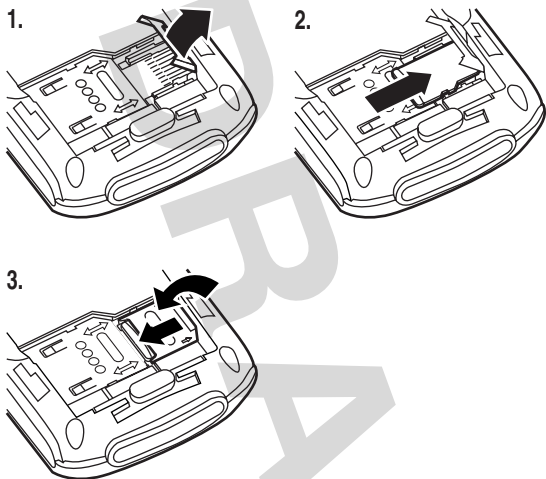
Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to the phone's accessory connector; and your voice, data, and other application usage patterns.

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

  • New batteries or batteries that have been stored for a long time may require a longer charge time.

- Maintain the battery at or near room temperature when charging.

- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

Warning: Never dispose of batteries in a fire because they may explode.
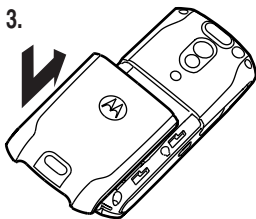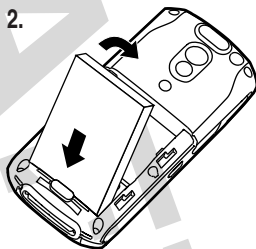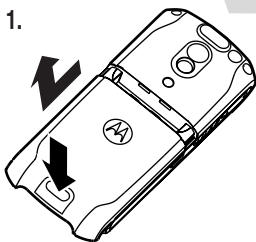
Installing the Battery

Your phone is designed to use only Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Notes:

- Your phone battery may be enclosed in a protective clear plastic case. Remove the battery from the case before attempting to install it.

- Your phone is shipped with a protective clear plastic liner covering the battery door latch. Remove the liner to ensure that the battery door attaches and closes properly.

1.

2.

3.

Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

	Action
1	Insert the travel charger plug into your phone with the release tab facing up. Make sure that both of the plug's connector hooks engage to lock the plug in place.
	Note: It may take up to 10 seconds for your phone to provide a visible or audible indication that the battery is charging.
2	Plug the other end of the travel charger into the appropriate electrical outlet.
3	When your phone indicates **Charge Complete**, press the release tab and remove the travel charger.
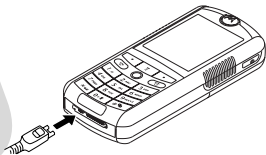
Tip: You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.

Turning Your Phone On

Action
1 Press and hold ⌾ (power key) for 2 seconds to turn the phone on.
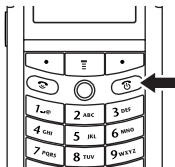
Note: It may take up to 4 seconds for the display to illuminate after you turn the phone on.

2 If necessary, enter your SIM card PIN code and press **OK** (⌷) to unlock the SIM card.

Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

3 If necessary, enter your 4-digit unlock code and press **OK** (⌷) to unlock the phone.

Note: At startup, you are prompted to personalize your phone. Select **YES** (⊡) to set personal phone options, or **NO** (⌷) to go to the idle display. For more information about personalizing your phone, see page 83.

Adjusting Volume

Press the volume key up or down to:

- increase or decrease earpiece volume during a call

- increase or decrease the ringer volume when the home screen is visible

  Tip: At the lowest volume setting, press the volume key down once to switch to vibrate alert. Press it down again to switch to silent alert. Press the volume key up to switch back to vibrate alert, then ring alert.

- turn off an incoming call alert
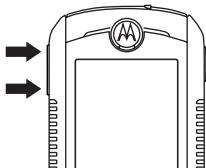
Making a Call

	Press	To
1	keypad keys	dial the phone number
2	☜	make the call
3	☞	end the call and "hang up" the phone when you are finished

**Note:** You must dial the phone number from the home screen (see page 32).

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

	Press	To
1	⌕ or ANSWER (▱)	answer the call
2	⌕	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press ⊡ ⊡.

While you are on a call, press ⊡ > **My Tel. Numbers**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 57. If you do not know your phone number, contact your service provider.

Locking and Unlocking the Keypad

You can lock your phone keypad to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

Press	To
🔒 ⭐	lock or unlock your keypad

Select 🔒 > **Settings** > **Security** > **Lock Keypad** to view instructions on how to lock/unlock the keypad.

Note: Incoming calls and messages unlock the keypad.

Highlight Features

You can do much more with your phone than make and receive calls!

Using a Removable Memory Card

You can use an optional memory card or other storage device with your phone to store and retrieve multimedia objects (such as photos and sounds). To install a memory card, see page 10.

To view and manage an installed memory card:

Find the Feature　　M > **Settings** > **Phone Status** > **Storage Devices**

	Press	To
1	$\odot$	scroll to the memory card
		Note: Phone memory is always listed last.
2	**DETAILS** ($\boxdot$)	view memory card information
	or	
	M	open the **Storage Device** menu to perform other procedures

The **Storage Device** menu can include the following options:

Option	Description
Format	Format the memory card.
Rename	Rename the memory card.

When a memory card is installed on your phone, the phone prompts you to select a storage device when you download or store a multimedia object.

To view the contents of a memory card, go to the multimedia menu for a specific object type (such as **Pictures** or **Sounds**), then press ⧉ > **Switch Storage Device** > *device name*.

Creating a Music Playlist

You can download and play a variety of different types of ring tones and music on your phone. You can store these sound files in phone memory, or on a memory card.

Tip: To see the sound files stored on a memory card, go to the **Sounds** menu, then press ⧉ > **Switch Storage Device** > *device name*.

You can create a playlist of selected songs that play in the order you specify. Playlists you create are stored in the **Sounds** menu.

To create a playlist:

Find the Feature ⧉ > **Multimedia** > **Sounds** > [**New Playlist**]

Highlight Features

	Press	To
1	**CHANGE** (⬜)	select **Name**
2	keypad keys	enter a name for the playlist
3	**OK** (⬜)	store the name
4	**CHANGE** (⬜)	select **Audio Files**
5	⬦	scroll to a song
6	**CHECK** (⬜)	add the song to the playlist
		Repeat steps 5 and 6 to add more songs to the playlist
7	**DONE** (⬜)	store the selected songs
8	**DONE** (⬜)	store the playlist

To listen to a playlist:

Find the Feature   ⬛ > **Multimedia** > **Sounds**
> *playlist name*

Activating Rhythm Lights

Rhythm lights make your phone's display and keys flash in synchronization with music or sounds around you.

Find the Feature   ⬛ > **Settings** > **Personalize**
> **Rhythm Lights**

You can adjust the following options:

Option	Description
Pattern	Choose a light pattern to activate rhythm lights, or turn the lights **Off**.

Option	Description
Timer	Set the number of minutes rhythm lights stay active (up to 10 minutes).
Sensitivity	Set how loud the music has to be before rhythm lights respond. Values range from 1 (least sensitive) to 7 (most sensitive).

Notes:

- Rhythm lights work only when your phone is idle and your battery is not low. Rhythm lights pause if you press a key or receive a call or message.

- Your phone also can flash for incoming calls and messages (see following sections).

- Some games might make your phone flash and vibrate.

Setting Ring Lights

Set up your phone to display a light pattern when you receive an incoming call. The same light pattern displays for all incoming calls.

Find the Feature $\boxed{\overline{\mathbf{z}}}$ > **Settings** > **Ring Styles** > **Ring Lights** > *light pattern*

To display a distinctive light pattern for calls from a specific phonebook category, use the light ID feature described on page 82.

Setting Up a Bluetooth® Wireless Connection

Your phone supports Bluetooth wireless connections. You can set up a wireless link with a Bluetooth-enabled headset accessory, speakerphone, or handsfree car kit, or connect to a computer or hand-held device to exchange and synchronize data.

Searching for Other Devices

To connect your phone to a headset accessory or handsfree device:

Find the Feature
　　　　　　　　　　 $\boxed{\text{·}}$ > Settings > Connection
　　　　　　　　　　　> Bluetooth Link
　　　　　　　　　　　> Handsfree
　　　　　　　　　　　> [Look For Devices]

Your phone displays a list of device(s) located within range of the phone. If your phone is already connected to a device, your phone lists the connected device and identifies it with a ✔ (in use) indicator.

To connect to a device, highlight the device name and press **SELECT** ($\boxed{\cdot}$).

The device may request permission to bond with your phone. Select **YES** ($\boxed{\cdot}$) and enter the correct PIN code to create a secure connection with the device. When the connection is made, the ❸ (Bluetooth) indicator or a **Bluetooth Connected** message displays in the home screen.

Copying Objects to Another Device

You can use a Bluetooth wireless connection to copy a picture, sound, phonebook entry, datebook event, or bookmark from your phone to another phone, computer, or hand-held device.

Copying a Multimedia Object

Highlight the object on your phone that you want to copy to the other device, then press M > **Copy**.

Select a recognized device name listed in the **Object Exchange** menu, or [**Look For Devices**] to search for the device to which you want to copy the object.

Copying a Phonebook Entry, Datebook Event, or Bookmark

Highlight the item on your phone that you want to copy to the other device, then press M > **Send** > **Bluetooth**.

Select a recognized device name listed in the **Object Exchange** menu, or [**Look For Devices**] to search for the device to which you want to copy the item.

Taking and Sending a Photo

Shortcut: Press the camera key to activate the camera. Press the camera key again to take a photo.

To activate your phone's camera using the menu system:

Find the Feature   M > **Multimedia** > **Camera**

Tip: When you want to take photos in low-light settings, press M > **Flash** > **On** to activate the built-in flash.

The active viewfinder image appears on your display.

Press ⬡ up or down to zoom in or out.

Press ⬡ left or right to decrease or increase image brightness.

IMAGE AREA

Photo Viewfinder
Memory Used:72%

Photo Storage Space Used (Phone or Memory Card)

Press **CAPTURE** (⊡) to take a photo.

BACK   ☰   CAPTURE

Press **BACK** (⊡) to return to previous screen.

Press ☰ to open **Pictures Menu**.
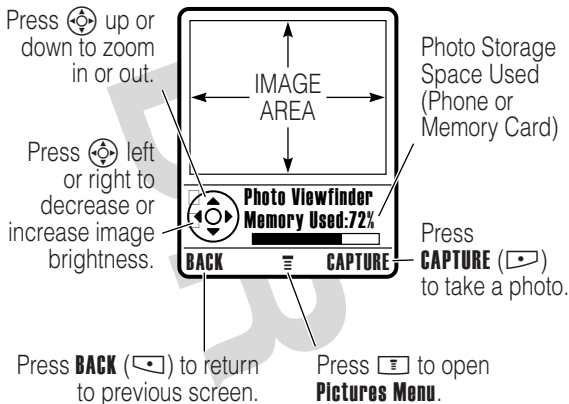
Point the camera lens at the photo subject, then:

	Press	To
1	**CAPTURE** (⊡)	take a photo
2	**STORE** (⊡)	view storage options
	or	
	DISCARD (⊡)	delete the photo and return to active viewfinder
		If you choose to store the photo, continue to step 4.

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	Press	**To**
3	⊙	scroll to **Send in Message**, **Store Only**, **Send as TIM Click**, **Apply as Wallpaper**, **Apply as Screen Saver**, or **Apply as Phonebook Entry**
4	**SELECT** (⊡)	perform the storage option

Press ⊡ to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

Option	Description
Go To Pictures	View pictures and photos stored on your phone.
Auto-Timed Capture	Set a timer for the camera to take a photo.
Delete All	Delete all pictures.
Pictures Setup	Open the setup menu to adjust picture settings.
Switch Storage Device	Save the photo in phone memory or on a memory card.
View Free Space	See how much memory remains for storing pictures.
Flash	Activate the flash for photos taken in low-light settings.

Changing Phone Skin

Change the look and feel of your phone's display by selecting a different skin setting.

Find the Feature $\boxed{\text{I}}$ > **Settings** > **Personalize**
> **Skin**> *skin*

Your phone displays the new skin. Press **BACK** ($\boxed{\cdot}$) to return to the previous skin.

Sending a Multimedia Message

A *Multimedia Messaging Service* (MMS) multimedia message contains one or more slides with text and embedded media objects (including photos, pictures, animations, sounds, voice records, and/or video clips). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature $\boxed{\text{I}}$ > **Messages**
> **Create Message**
> **New Multimedia Msg**

	Press	To
1	keypad keys	enter slide text
2	$\boxed{\text{I}}$	open the **MMS Menu**
3	$\textcircled{\cdot}$	scroll to **Insert**
4	**SELECT** ($\boxed{\cdot}$)	display a list of items you can insert

	Press	To
5	$\hat{\diamond}$	scroll to **Picture**, **Voice Record**, **Sound**, **Video**, **New Page**, **Quick Note**, or **Contact Info**
6	**SELECT** ($\boxdot$)	select the file type
7	$\hat{\diamond}$	highlight the file you want
8	**SELECT** ($\boxdot$)	insert the file
		To add another slide to the message, continue to step 9.
		To send the message, go to step 14.
9	$\boxed{\Xi}$	open the **MMS Menu** to insert a new slide
10	$\hat{\diamond}$	scroll to **Insert**
11	**SELECT** ($\boxdot$)	display a list of items you can insert
12	$\hat{\diamond}$	scroll to **New Page**
13	**SELECT** ($\boxdot$)	insert a new slide after the current slide
		Repeat steps 1 to 8 to enter contents for the new slide.
14	**OK** ($\boxdot$)	store the message

	Press	To
15	🔘	scroll to a **Send To** option:
		Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
		Highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook.
		Or highlight an existing phonebook entry.
16	**SELECT** (▭)	select [**One Time Entry**] or [**New Phonebook Entry**]
	or	
	ADD (▭)	add a phonebook entry to the list of recipients
17	**DONE** (▱)	store the numbers/addresses
18	🔘	scroll to **Subject**
19	**CHANGE** (▱)	select **Subject**
20	keypad keys	enter the subject
21	**OK** (▭)	store the subject
22	**CHANGE** (▱)	select **Attachments** to attach a file to the message, if desired
23	🔘	scroll to **Picture**, **Voice Record**, **Sound**, or **Video**

	Press	To
24	**SELECT** (`▭`)	select the file type
25	`⬨`	highlight the file you want
26	**SELECT** (`▭`)	attach the file
27	**BACK** (`▢`)	return to the message editor
28	`⬨`	scroll to **Receipt** to request a receipt, if desired
29	**CHANGE** (`▢`)	select **Receipt**
30	**ADD** (`▭`) or **REMOVE** (`▭`)	activate/deactivate the delivery report
31	**DONE** (`▢`)	return to the message editor
32	**SEND** (`▭`)	send the message
	or	
	`▣`	view message details, save the message in the drafts folder, or cancel the message

Playing Video Clips

You can download and play video clips on your phone. You can store these video clips in phone memory, or on a memory card.

Tip: To see the video clips stored on a memory card, go to the **Videos** menu, then press ⊡ > **Switch Storage Device** > *device name*.

To play a video clip:

Find the Feature   ⊡ > **Multimedia** > **Videos**
                         > *video clip*

The video clip displays in the video clip playback screen:

Press ⊙ up or down to pause or play video clip.

VIDEO CLIP AREA

Timer indicates % played.

Press **DETAILS** (⌷) to view video clip information.

Press ⊙ left or right to skip to previous or next video clip.

Video Clip Name Playing

BACK   ☰   **DETAILS**

Press **BACK** (⌷) to return to previous screen.

Press ⊡ to open **Videos Menu**.
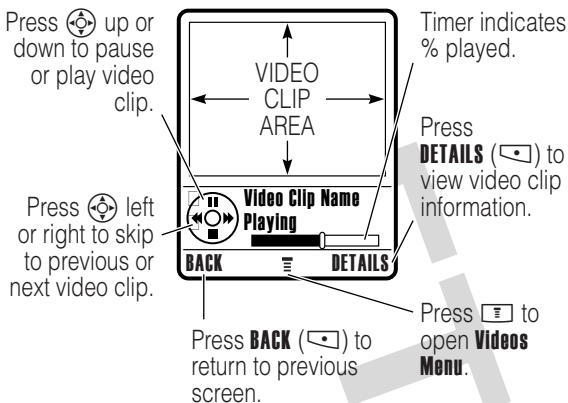
Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* is displayed when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.

Date — **Service Provider** / **10/15/04**

Messages

Recent Calls

Browser

Phonebook

Clock

Left Soft Key Label — **STYLES**

Menu Indicator — ≣

Right Soft Key Label — **SOUND**
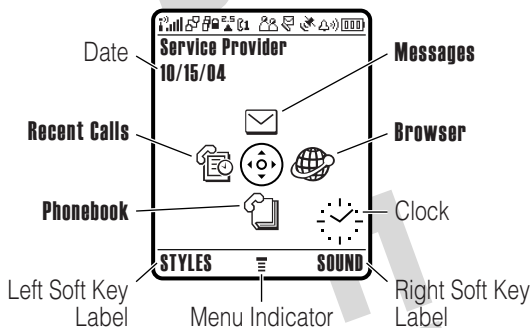
Press the 5-way navigation joystick (⬙) up, down, left, or right to select a menu feature icon. If you select a menu icon by mistake, press ⌧ to return to the home screen.

The ≣ (menu) indicator shows that you can press the menu key (▦) to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (◻) or right soft key (▱) to perform the indicated function.

Notes:

- Your home screen may appear different than shown. For example, your service provider may hide the menu feature icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide menu icons, see page 84.

- Your phone can display an analog or digital clock in the home screen (see page 84).

- Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight. To extend battery life, the backlight turns off automatically when no activity is detected for a period of time. The backlight turns back on when you press any key. To set the time that the backlight stays on, see page 61.

- To extend battery life, you can set the display to turn off after a period of inactivity. The display turns back on when you press any key. To set the time that the display stays on, see page 62.

The following status indicators can display:

4. Roam   **5.** Active Line   **6.** Messaging Presence   **7.** Message

3. Signal Strength

2. GPRS

1. Data Transmission

8. Battery Level

9. Ring Style

10. Location

Service Provider
10/15/04

STYLES   ☰   SOUND
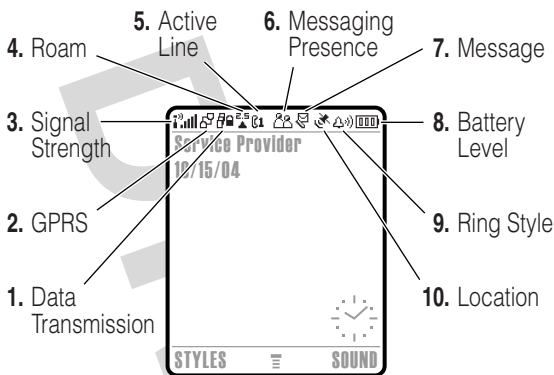
1. Data Transmission Indicator Shows connection and data transmission status. Indicators can include:

- 𝐵ⁱ = secure packet data transfer
- ⊒ = unsecure packet data transfer
- 🖭 = secure application connection
- 🖭 = unsecure application connection
- ⇄ = secure *Circuit Switch Data* (CSD) call
- ⇄ = unsecure CSD call
- ❸ = Bluetooth® connection

2. GPRS Indicator Shows that your phone is using a high-speed *General Packet Radio Service* (GPRS) network connection. GPRS allows faster data transfer speeds. Other indicators can include:

    🖼 = GPRS PDP   ☐ = GPRS packet
        context active   data available

3. Signal Strength Indicator Vertical bars show the strength of the network connection. You cannot make or receive calls when the i^{ϑ} (no signal) indicator or $i^{\vartheta}X$ (no transmit) indicator is displayed.

4. Roam Indicator Shows when your phone is seeking or using another network outside your home network. Indicators can include:

    $\frac{2.5}{G}$ = 2.5G home $\frac{2.5}{\blacktriangle}$ = 2.5G roam
    $\frac{2}{G}$ = 2G home $\frac{2G}{\blacktriangle}$ = 2G roam

5. Active Line Indicator Shows ☖1 or ☖2 to indicate the currently active phone line. Other indicators can include:

    ☖1⤳ = line 1 active,   ☖2⤳ = line 2 active, call
        call forward on   forward on
    🕪 = alarm activated

6. Messaging Presence Indicator Shows when instant messaging is active. Indicators can include:

- 🖧 = IM active
- ✉ = busy
- 📞 = available for phone calls
- ✉ = available for IM
- ✉ = invisible to IM
- ✉ = offline

When a Java™ application is active, a ☕ (Java midlet) indicator can display in this location.

7. Message Indicator Displays when you receive a new message. Indicators can include:

- ✉ = text message
- ✉ = voicemail and text message
- ✉ = IM message
- ✉ = voicemail message
- ✉ = answering machine
- 💬 = active chat session

When you enter a message, a number in this location shows the number of characters left on the current page (text message), or the message size in bytes/kilobytes (multimedia message or letter).

8. Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

Learning to Use Your Phone

36

9. Ring Style Indicator Shows the ring style setting.

△)) = loud ring   △» = soft ring

}₿{ = vibrate   }△ = vibrate and ring

△⅗ = silent

10. Location Indicator Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:

⌖ = location on   ⌖ = location off

Using the 5-Way Navigation Joystick

Press the 5-way navigation joystick (⊙) up, down, left, or right to scroll through the menu system, highlight menu items, change feature settings, and play games. Press the 5-way navigation joystick (⊙) in to select a highlighted menu item.
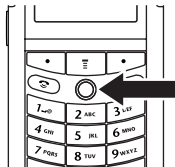
Using Menus

From the home screen, press $\boxed{\equiv}$ to enter the main menu.

Highlighted Menu Feature Icon

Right Soft Key Perform right function.

Left Soft Key Perform left function.

End Key Exit menu without making changes.

5-Way Navigation Joystick With Center Select Scroll up, down, left, or right. Press in to select menu item.

Menu Key Enter menu system, or open a sub-menu.

Press $\hat{\odot}$ to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may display in the main menu, depending on your service provider and service subscription options.

Menu Icon	Feature	Menu Icon	Feature
🗐	**Phonebook**	🗐	**Recent Calls**
✉	**Messages**	🖧	**Office Tools**
🎮	**Games & Apps**	🌐	**Web Access**

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Menu Icon	Feature	Menu Icon	Feature
📽	**Multimedia**	🅔	**IM**
🛠	**Settings**	🔱	**Chat**

Selecting a Menu Feature

This guide shows you how to select a menu feature, starting from the home screen.

Find the Feature   🗊 > Recent Calls > Dialed Calls

This example shows that from the home screen, you must press 🗊, scroll to and select 🕮 **Recent Calls** from the main menu, then scroll to and select **Dialed Calls**. Press ⊕ to scroll. Press ⊕ in to select the highlighted item. Press the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option
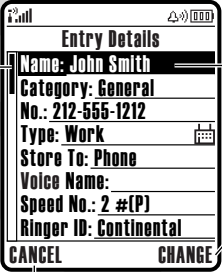
Some features require you to select an option from a list:

```
                         ⛊⛊ⅈⅉ          ⚠⚠⚠⚠
                          Dialed Calls
              Press      10) John Smith          Highlighted
         BACK (▢) to     9) Lisa Owens           Option
          go back to     8) Adda Thomas
           previous      7) Jack Bradshaw
            screen.      6) Dave Thompson        Press
                         5) John Smith           VIEW (▢) to
                         4) John Smith           view details of
                         3) John Smith           highlighted
                     BACK      ☰      VIEW       option.
```

Press ☰ to open sub-menu.
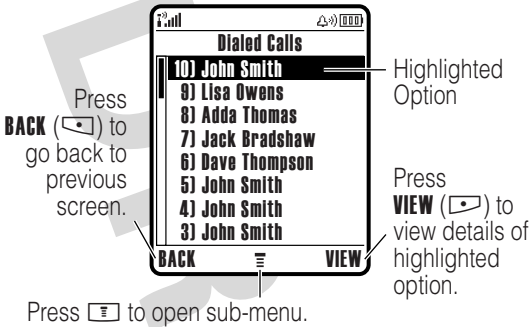
- Press ◉ to scroll up or down to highlight the option you want.

- In a numbered list, press a number key to highlight the option.

- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

- When an option has a list of possible values, press ◉ left or right to scroll through and select a value.

- When an option has a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.
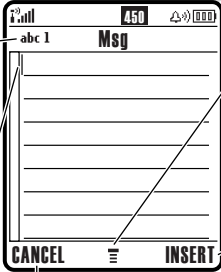
Press $\bigcirc$ to scroll down to other options.

Entry Details
Name: John Smith ← Highlighted Option
Category: General
No.: 212-555-1212
Type: Work
Store To: Phone
Voice Name:
Speed No.: 2 #(P)
Ringer ID: Continental
CANCEL   CHANGE

Press **CHANGE**($\square$) to enter or edit information.

Press **CANCEL** ($\square$) to exit without making changes. **DONE** ($\square$) displays when you enter or edit information.

The message center lets you compose and send text messages.

For indicator descriptions, see following section.

Flashing cursor indicates insertion point.

Msg
abc 1
CANCEL   ☰   INSERT

Press $\boxed{\equiv}$ to open sub-menu.

Press **INSERT** ($\square$) to insert a quick note, picture, or sound.

Press **CANCEL** ($\square$) to exit without making changes.

Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select remains active until you select another mode.

Press <kbd>#</kbd> in any text entry screen to select one of the following entry modes:

Primary	The primary text entry mode (see below to set).
Numeric	Enter numbers only (see page 49).
Symbol	Enter symbols only (see page 49).
Secondary	The secondary text entry mode (see below to set).

Alternatively, you can select a text entry mode in any text entry screen by pressing <kbd>≡</kbd> > **Entry Mode**.

Setting Up a Text Entry Mode

Press <kbd>≡</kbd> > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

iTAP	Use iTAP® mode to let the phone predict each word as you press keys (see page 47).
Tap	Enter letters and numbers by pressing a key one or more times.
Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
None	Hide the **Secondary** setting (only available for **Secondary Setup**).

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Using Capitalization

Press [0+] in any text entry screen to change text case. The following indicators show capitalization status:

abc = no capital letters   Abc = capitalize next

ABC = all capital letters   letter only

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, indicators at the top of the display identify the text entry setting:

Primary	Secondary	
1	2	Tap, no capital letters
1⇧	2⇧	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
📖	📖	iTAP, no capital letters
📖⇧	📖⇧	iTAP, capitalize next letter only
📖↑	📖↑	iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry mode:

123 = numeric mode   @ = symbol mode

Learning to Use Your Phone

Using Tap Mode

This is the standard mode for entering text on your phone.

Tap mode cycles through the letters and number of the key you press. **Tap Extended** mode also cycles through additional symbols as shown in the "Character Chart" on page 46.

	Press	To
1	a keypad key one or more times	select a letter, number, or symbol
2	keypad keys	enter remaining characters
		Tip: Press ⊙ right to accept a word completion, or ⊡ to insert a space.
3	**OK** (▭)	store the text

In a text entry screen, you can press ⧓ to switch entry modes. An indicator shows which mode is active (see page 43). If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 42.

When you enter text with **Tap** or **Tap Extended** mode, the soft key functions change.

Character displays at insertion point.

Press **DELETE** (⌐) to delete character to left of insertion point.

After 2 seconds, character is accepted and cursor moves to next position.

Press **OK** (⌐) to accept and store text.
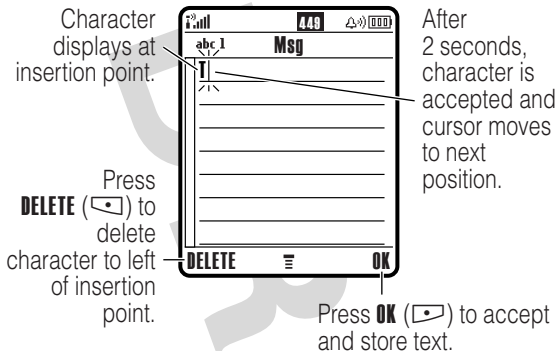
When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:
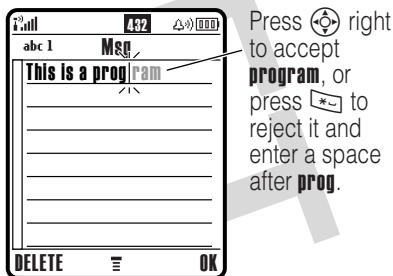
Press ◉ right to accept **program**, or press ✳ to reject it and enter a space after **prog**.

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If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

Character Chart

Use this chart as a guide for entering characters with **Tap Extended** mode.

1	. 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2abc	a b c 2 ä å á à â ã α β ç
3def	d e f 3 δ ë é è ê φ
4ghi	g h i 4 ï í î γ
5jkl	j k l 5 λ
6mno	m n o 6 ñ ö ø ó ò ô õ ω
7pqrs	p q r s 7 π ß σ
8tuv	t u v 8 θ ü ú ù û
9wxyz	w x y z 9 ξ ψ
0+	*change text case, for capital letters*
*⟲	*enter a space (hold to enter a return)*
#*	*change text entry mode (hold for default)*

Note: This chart may not reflect the exact character set available on your phone. In an email or Web address editor, 1 first shows common characters for that editor.

Tap Mode Text Entry Rules
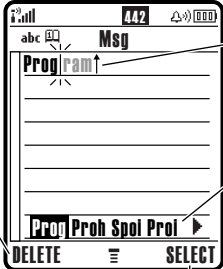
- Press a keypad key repeatedly to cycle through its characters.

- Press $\odot$ left or right to move the flashing cursor to the left or right in a text message.

- The first character of every sentence is capitalized. If necessary, press $\odot$ down to change the character to lowercase before the cursor moves to the next position.

- If you enter or edit information and do not want to save the changes, press $\textcircled{\tiny\oslash}$ to exit without saving.

Using iTAP® Mode

iTAP software provides a predictive text entry mode that lets you enter a word using one keypress per letter. This can be faster than **Tap** mode, because your phone combines the keypresses into common words.

For example, if you press $\boxed{7_{PQRS}}$ $\boxed{7_{PQRS}}$ $\boxed{6_{MNO}}$ $\boxed{4_{GHI}}$, letter combinations that match your keypresses display:

Press DELETE ($\boxed{\cdot}$) to delete last letter.

Press $\odot$ up to accept **Program**.

Press $\odot$ right to highlight another combination. Press $\boxed{*}$ to enter **Prog** and a space.

Press **SELECT** ($\boxed{\cdot}$) to select highlighted combination.

If you want a different word (such as **Progress**), continue
pressing keypad keys to enter the remaining characters.

Entering Words

In a text entry screen, you can press ⁎⁎ to switch entry
modes. An indicator tells you which mode is active (see
). If **iTAP** mode is not available as the **Primary** or
Secondary entry mode, see .

	Press	To
1	keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2	⊙ left or right	highlight the combination you want
3	**SELECT** (⊡)	select the highlighted combination
		You can press keypad keys to add more letters to the end of the combination.
	or	
	⁎⌣	enter the highlighted combination when it spells a word
		A space is automatically inserted after the word.

If you enter a word your phone does not recognize, the
phone stores it to use as one of your word options. When

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you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.

Using Numeric Mode

In a text entry screen, press 🔘 to switch entry modes until the **123** (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press 🔘 to switch to another entry mode.

Using Symbol Mode

In a text entry screen, press 🔘 to switch entry modes until the @ (symbol) indicator displays.

	Press	To
1	keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2	🔘 left or right	highlight the combination you want
3	**SELECT** (▢)	select the highlighted combination
		You can press keypad keys to add more symbols to the end of the combination.
	or	
	✳️	enter the highlighted combination

Symbol Chart

Use this chart as a guide for entering characters with symbol mode.

`1`	. ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
`2 ABC`	@ _ \
`3 DEF`	/ : ;
`4 GHI`	" & '
`5 JKL`	( ) [ ] { }
`6 MNO`	¿ ¡ ~
`7 PQRS`	< > =
`8 TUV`	$ £ ¥ ¤ €
`9 WXYZ`	# % *
`0+`	+ - x * / = > < # §
`*`	*enter a space (hold to enter a return)*
`#`	*change text entry mode (hold for default)*

Note: This chart may not reflect the exact character set available on your phone. In an email or Web address editor, `1` first shows common characters for that editor.

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then:

Action
Press **DELETE** (`◁`) to delete one letter at a time.
Hold **DELETE** (`◁`) to delete the entire message.

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Using the Smart Key
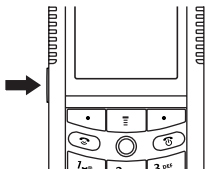
The *smart key* gives you another
way to perform many basic
phone functions. It anticipates
the next action you are likely to perform. For example,
when you highlight a menu item, you can press the smart
key to select it. You can use the smart key to make and
end calls, turn features on and off, and open your
phonebook. The smart key usually performs the same
function as pushing in the 5-way navigation
joystick ($\circledast$).

Using the Handsfree Speaker

When you activate your phone's integrated handsfree
speaker, you can talk to the other party without holding the
phone to your ear.

Press **SPEAKER** ($\boxdot$) to turn the handsfree speaker on or off
during a call.

When you turn the handsfree speaker on, your phone
displays **Speaker On** in the home screen. The handsfree
speaker remains on until you press **SPEAKER** ($\boxdot$) again or
turn the phone off.

Note: The handsfree speaker is disabled when you
connect your phone to a handsfree car kit or headset
accessory.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has **not** reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:

Find the Feature $\boxed{\equiv}$ > Settings > Security
> New Passwords

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer**.

You can make emergency calls on your phone even when it is locked (see page 66).

Locking Your Phone Manually

Find the Feature $\boxed{\underline{\exists}}$ > Settings > Security
> Phone Lock > Lock Now

	Press	To
1	keypad keys	enter your unlock code
2	**OK** ($\boxed{\cdot}$)	lock the phone

Unlocking Your Phone

Tip: Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

	Press	To
1	keypad keys	enter your unlock code
2	**OK** ($\boxed{\cdot}$)	unlock your phone

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature $\boxed{\underline{\exists}}$ > Settings > Security
> Phone Lock
> Automatic Lock > On

	Press	To
1	keypad keys	enter your unlock code
2	**OK** ($\boxed{\cdot}$)	activate automatic lock

If You Forget a Code, PIN, or Password

Note: Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, do the following at the **Enter Unlock Code** prompt:

	Press	To
1	🔢	display the unlock code bypass screen
2	keypad keys	enter your security code
3	**OK** (⬜)	submit your security code

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Using the Phonebook

This section describes basic phonebook operations. For more information about using the phonebook, see page 80 and the *More Here* guide (described on page 8).

Storing a Phone Number

Enter a phone number in the home screen, then press
STORE (⊡) to create a phonebook entry with that number.
Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work
number) for the same **Name**.

Recording a Voice Name

When creating a phonebook entry, scroll to **Voice Name**
and press **RECORD** (⊡) to begin. When prompted, press
RECORD (⊡) and say the entry's name (within
2 seconds). When prompted, press **RECORD** (⊡) and repeat
the name. Press **DONE** (⊡) to store the voice name.

Note: This option is not available for entries stored on the
SIM card.

Dialing a Number

Press ⊡ > **Phonebook**, highlight the phonebook entry, press
⌕ to call.

Voice Dialing a Number

From the home screen, press and hold ⌕ for 2 seconds,
release, then say the entry's name (within 2 seconds).

Sorting Phonebook Entries

Press ⊡ > **Phonebook**, press ⊡ > **Setup** > **Sort by**, then
select whether you want to sort the phonebook list by **Name**,
Speed No., **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 83.

Setting a Picture ID for a Phonebook Entry

Press `▣` > **Phonebook** > *entry*, press `▣` > **Edit** > **Picture** > *picture name*.

Also see pages 3 and 24.

Setting Picture ID View

Press `▣` > **Phonebook**, press `▣` > **Setup** > **View by** > **Picture**.

Viewing Entries By Category

Press `▣` > **Phonebook**, press `▣` > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 82.

Setting Up Your Phone

Storing Your Name and Phone Number

To store or edit your name and phone number information on your SIM card:

Find the Feature   `⊡ > Settings > Phone Status > My Tel. Numbers`

Shortcut: Press `⊡ ⌤` from the home screen to edit your name and phone number.

If you do not know your phone number, contact your service provider.

Setting the Time and Date

You must set the time and date to use the datebook.

Find the Feature   `⊡ > Settings > Initial Setup > Time and Date`

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of 5 different ring styles. The ring style indicator in the display shows the current ring style (see page 37).

To set a ring style:

Find the Feature   `≡` > **Settings** > **Ring Styles**
                               > **Style** > *style name*

Each ring style has settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press `≡` > **Settings** > **Ring Styles** > *Style* **Detail**.

Activating Multi-Key Answer

The multi-key answer option lets you press any key to to answer an incoming call.

Find the Feature   `≡` > **Settings** > **In-Call Setup**
                               > **Answer Options**
                               > **Multi-Key** > **On** or **Off**

Activating Vibe Sync

Some ring tones include vibrations. You can turn these vibrations on or off.

Find the Feature   `≡` > **Settings** > **Initial Setup**
                               > **Vibe Sync** > **On** or **Off**

This setting does not affect game vibrations.

Note: You might feel your phone vibrate a little when you bump or move it. This is natural movement from the vibration unit, and does not affect phone performance or durability.

Setting Event Lights

When event lights are activated, your phone displays a light pattern to notify you of the following events: incoming calls from phonebook categories, incoming text and voicemail messages, alarms, power up, power down, battery charging, Bluetooth® connect, Bluetooth activity, and Bluetooth disconnect.

To turn event lights on or off:

Find the Feature $\boxed{\text{∃}}$ > **Settings** > **Ring Styles**
> **Event Lights** > **On** or **Off**

Setting a Wallpaper Image

Set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

Tip: To see the picture files stored on a memory card, go to the **Pictures** menu, then press $\boxed{\text{∃}}$ > **Switch Storage Device** > *device name*.

Find the Feature $\boxed{\text{∃}}$ > **Settings** > **Personalize**
> **Wallpaper**

	Press	To
1	$\circledcirc$	scroll to **Picture**
2	**CHANGE** ($\boxed{\cdot}$)	open the picture viewer
3	$\circledcirc$ up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the wallpaper image.

	Press	To
4	**SELECT** (⬚)	select the image
5	⬙	scroll to **Layout**
6	**CHANGE** (⬚)	adjust the image layout
7	⬙	scroll to **Center**, **Tile**, or **Fit-to-screen**
		Center places the image in the center of the display.
		Tile fills the display with adjacent copies of the image.
		Fit-to-screen resizes the image, if necessary, to fit the display.
8	**SELECT** (⬚)	confirm the layout setting
9	**BACK** (⬚)	save wallpaper settings

Setting a Screen Saver Image

Set a photo, picture, or animation as a screen saver image. The screen saver image displays when no activity is detected for a specified time. If necessary, the image shrinks to fill the display. An animation repeats for one minute, then the first frame of the animation displays.

Tip: To see the picture files stored on a memory card, go to the **Pictures** menu, then press ⬚ > **Switch Storage Device** > *device name*.

Tip: Turn off the screen saver to extend battery life.

Find the Feature   ⬚ > **Settings** > **Personalize** > **Screen Saver**

	Press	**To**
1	⟨◈⟩	scroll to **Picture**
2	**CHANGE** (⊡)	open the picture viewer
3	⟨◈⟩ up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** (⊡)	select the image
5	⟨◈⟩	scroll to **Delay**
6	**CHANGE** (⊡)	set the delay interval
7	⟨◈⟩	scroll to the inactivity interval that starts the screen saver
8	**SELECT** (⊡)	select the inactivity interval
9	**BACK** (⊟)	save screen saver settings

Setting Display Brightness

Find the Feature　　　⊞ > **Settings** > **Initial Setup** > **Brightness**

Adjusting the Backlight

Set the amount of time that the display backlight remains on.

Find the Feature　　　⊞ > **Settings** > **Initial Setup** > **Backlight**

Note: Your phone's display normally is visible only when the display backlight is on, or when the display is viewed in direct sunlight. To extend battery life, the backlight turns off

automatically when no activity is detected for a period of time. The backlight turns back on when you press any key.

Setting Display Timeout

To extend battery life, you can set the display to turn off when no activity is detected for a period of time.

Find the Feature $\boxed{\cdot}$ > Settings > Initial Setup
                        > Display Timeout

Note: The display turns back on when you press any key.

Calling Features

For basic instructions on how to make and answer calls, see page 16.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature $\boxed{\Xi}$ > Settings > Phone Status > Active Line

The active line indicator in the display shows the currently active phone line (see page 35).

Redialing a Number

	Press	To
1	☎	view the dialed calls list
2	⬥	scroll to the entry you want to call
3	☎	redial the number

Using Automatic Redial

When you receive a busy signal, your phone displays **Call Failed, Number Busy**.

Press	To
⌞ or **RETRY** (⌞)	redial the number

When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and connects the call.

Using Caller ID

Incoming Calls

Calling line identification (caller ID) displays the phone number for incoming calls in your phone's external and internal displays.

The phone displays the caller's name (and picture ID, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ringer ID for specific entries stored in your phonebook. For more information, see page 80.

Outgoing Calls

You can show or hide your phone number as an ID for the calls that you make.

Find the Feature $\boxed{\textbf{:}} >$ Settings $>$ In-Call Setup $>$ My Caller ID

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):

Press	To
$\boxed{\textbf{:}} >$ **Hide ID/Show ID**	hide or show your caller ID for the next call

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
IGNORE ($\boxed{\cdot}$)	cancel the incoming call

Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal.

Calling Features

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off the alert

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

	Press	To
1	keypad keys	dial the emergency number
2	☎	call the emergency number

Dialing International Numbers

Press and hold ⓪ to insert the local international access code (+) for the country from which you are calling, then press the keypad keys as usual to dial the phone number.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press ⚌ from the home screen to view the dialed calls list.

Find the Feature　　⬚ **> Recent Calls**

	Press	To
1	⬙	scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** (⬚)	select the list
3	⬙	scroll to an entry
		Note: ✓ means the call connected.
4	⚌	call the entry's number
		Tip: Press and hold ⚌ for 2 seconds to send the number as DTMF tones during a call.
	or	
	VIEW (⬚)	view entry details
	or	
	⬚	open the **Last Calls Menu** to perform various operations on the entry

Calling Features

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the **No**. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. **Note:** This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 89).

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

- the ☇ (missed call) indicator

Calling Features

- **X Missed Calls**, where **X** is the number of missed calls

	Press	To
1	**VIEW** ($\boxed{\cdot}$)	see the received calls list
2	$\textcircled{\Diamond}$	select a call to return
3	$\textcircled{\small\frown}$	make the call

Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's *notepad* memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature $\qquad \boxed{\underline{\Xi}} >$ **Recent Calls** > **Notepad**

Press	To
$\textcircled{\small\frown}$	call the number
or	
$\boxed{\underline{\Xi}}$	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE ($\boxed{\cdot}$)	create a phonebook entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
⊡ > **Attach Number**	attach a number from the phonebook or recent calls lists

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number.

Tip: To see an entry's speed dial number, press ⊡ > **Phonebook**, scroll to the entry, press **VIEW** (⊡).

To speed dial a phonebook entry:

	Press	To
1	keypad keys	enter the speed dial number for the entry you want to call
2	⌗	submit the number
3	☎	call the entry

Calling With 1-Touch Dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook (see page 83).

Calling Features

Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature $\boxed{\mathbf{\overline{E}}}$ > Messages > Voicemail

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the ✉ (voicemail message) indicator and the **New Voicemail** notification.

Press	To
CALL (☐)	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature $\boxed{\Xi}$ > **Messages**
$\boxed{\Xi}$ > **Voicemail Setup**

	Press	**To**
1	keypad keys	enter your voicemail number
2	**OK** ($\boxdot$)	store the number

Note: You cannot store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. For more about these characters, see the *More Here* guide.

Using Call Waiting

When you are on a call, an alert tone sounds to indicate that you have received a second call.

Calling Features

	Press	To
1	🔁	answer the new call
2	**SWITCH** (⬅)	switch between calls
	or	
	LINK (▣)	connect the 2 calls
	or	
	▣ > **End Call On Hold**	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature ▣ > **Settings** > **In-Call Setup** > **Call Waiting**

Putting a Call On Hold

Press	To
HOLD (⬅) (if available) or ▣ > **Hold**	put the call on hold

Transferring a Call

You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

Find the Feature   `≡` > Hold

	Press	**To**
1	keypad keys	dial the number where you are transferring the call
2	`✆`	call the number and speak to the person who answers
3	`≡`	open the menu
4	`◉`	scroll to Transfer
5	SELECT (`▱`)	select Transfer
6	OK (`▱`)	confirm the transfer

Do Not Announce the Call Transfer

Find the Feature   `≡` > Transfer

	Press	**To**
1	keypad keys	dial the number where you are transferring the call
2	`✆`	transfer the call

Phone Features

Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available on your phone.

🗂 Phonebook

📞 Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes

✉ Messages
- Create Message
- Message Inbox
- Voicemail
- Email Msgs
- Browser Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts
- MMS Templates

🗂 Office Tools
- SIM Apps
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Dialing Services
    - Fixed Dial
    - Service Dial
    - Quick Dial

🎮 Games & Apps

🌐 Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

📺 Multimedia
- Themes
- Camera
- Pictures
- Sounds
- MotoMixer
- Videos

📧 IM

⚙ Settings
(see next page)

💬 Chat

Settings Menu

Personalize
- Rhythm Lights
- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Ring Styles
- Style
  - *Style* Detail
- Ring Lights
- Event Lights

Connection
- Bluetooth Link
- Sync

Call Forward
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Forward Status

In-Call Setup
- In-Call Timer
- Call Cost Setup
- My Caller ID
- Talk and Fax
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Vibe Sync
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available
- Active Line
- Battery Meter
- Storage Devices
- Other Information

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- My Network List
- Service Tone
- Call Drop Tone

Security
- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords

Java Settings
- Java App Loader
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App
- DNS IP

Phone Features

Feature Quick Reference

This section helps you locate features on your phone that are not described in this guide. For more detailed information, see the *More Here* guide (described on page 8).

Calling Features

Feature	Description	
Conference Call	During a call: $\boxed{\equiv}$ > **Hold**, dial next number, press $\textcircled{\leftrightarrow}$, press **LINK** ($\boxed{\cdot}$)	*Network / Subscription Dependent Feature*
Call Forwarding	Set up or cancel call forwarding: $\boxed{\equiv}$ > **Settings** > **Call Forward**	*Network / Subscription Dependent Feature*
Call Barring	Restrict outgoing or incoming calls: $\boxed{\equiv}$ > **Settings** > **Security** > **Call Barring**	*Network / Subscription Dependent Feature*
TTY Calls	Set up your phone for use with an optional TTY device: $\boxed{\equiv}$ > **Settings** > **Initial Setup** > **TTY Setup**	*Optional Accessory*

Messages

Feature	Description	
Send Text Message	Send a text message: ⊡ > **Messages** > **Create Message** > **New Short Message**	Network / Subscription Dependent Feature
Send Multimedia Message	Send a multimedia message: ⊡ > **Messages** > **Create Message** > **New Multimedia Msg**	Network / Subscription Dependent Feature
Send Letter	Send a multimedia letter: ⊡ > **Messages** > **Create Message** > **New Letter**	Network / Subscription Dependent Feature
Use MMS Template	Open an MMS template with preloaded media: ⊡ > **Messages** > **Create Message** > **MMS Templates**	Network / Subscription Dependent Feature
Read Message	Read a new text or multimedia message that you have received: Press **READ** (⌧).	Network / Subscription Dependent Feature
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then: ⊡ > **Store**	Network / Subscription Dependent Feature

Phone Features

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Instant Messaging

Feature	Description	
Log In	Log in to instant messaging: $\boxed{\mathbb{I}}$ > **IM** > **Log In**	*Network/Subscription Dependent Feature*
Find Others Online	After you sign on: Select **Contact List** to see a list of other users.	*Network/Subscription Dependent Feature*
Start Conversation	Start a conversation: From your **Contact List**, highlight a name in **Online Contacts**, press **SEND IM** ($\boxdot$).	*Network/Subscription Dependent Feature*
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press **VIEW** ($\boxdot$).	*Network/Subscription Dependent Feature*
End Conversation	From the conversation display: $\boxed{\mathbb{I}}$ > **End Conversation**	*Network/Subscription Dependent Feature*
Log Out	Log out of instant messaging: Select **Log Out** from the **IM Online** menu.	*Network/Subscription Dependent Feature*

Chat

Feature	Description	
Start Chat	Start a new chat session: ⊤ > Chat ⊤ > New Chat	Network / Subscription Dependent Feature
Receive Chat Request	When you receive a chat request: Press **ACCEPT** (⊡) or **IGNORE** (⊡)	Network / Subscription Dependent Feature
End Chat	During a chat session: ⊤ > End Chat	Network / Subscription Dependent Feature

Email

Feature	Description	
Send Email Message	Send an email message: ⊤ > Messages > Create Message > New Email	Network / Subscription Dependent Feature
Read Email Message	Read a new email message that you have received: Press **READ** (⊡).	Network / Subscription Dependent Feature

Phonebook

Feature	Description
Create Entry	Create a new phonebook entry: ⊤ > Phonebook ⊤ > New > Phone Number or Email Address

Phone Features

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Feature	Description
Create Group Mailing List	Create a group mailing list as a phonebook entry: ⊡ > **Phonebook** ⊡ > **New** > **Mailing List**
Dial Number	Call a number stored in the phonebook: ⊡ > **Phonebook**, highlight the phonebook entry, press ◌ to call
Voice Dial Number	Voice dial a number stored in the phonebook: From the home screen, press and hold ◌ for 2 seconds, release, then say the entry's name (within 2 seconds).
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry: ⊡ > **Phonebook** > *entry* ⊡ > **Edit** > **Ringer ID** > *ringer name* **Note:** The **Ringer ID** option is not available for entries stored on the SIM card.
Set Picture ID for Entry	Assign a photo or picture to a phonebook entry: ⊡ > **Phonebook** > *entry* ⊡ > **Edit** > **Picture** > *picture name* **Note:** The **Picture** option is not available for entries stored on the SIM card.

Feature	Description
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos: ☲ > **Phonebook** ☲ > **Setup** > **View by** > *list view*
Set Category for Entry	Set the category for a phonebook entry: ☲ > **Phonebook** > *entry* ☲ > **Edit** > **Category** > *category name* **Note:** The **Category** option is not available for entries stored on the SIM card.
Set Category View	Set a phonebook category view: ☲ > **Phonebook** ☲ > **Categories** > *category view*
Set Category Light ID	Set a distinctive light pattern to be displayed when you receive calls from phonebook entries in a specific category: ☲ > **Phonebook** ☲ > **Categories**, scroll to entry, press ☲ > **Edit** > **Light ID**. **Note:** The **Light ID** option is not available for entries stored on the SIM card.
Sort Phonebook List	Set the order in which phonebook entries are listed: ☲ > **Phonebook** ☲ > **Setup** > **Sort by** > *sort order*

Feature	Description
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers: `▣` > **Phonebook**, scroll to entry, press `▣` > **Set Primary** > *phone number*.
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device: `▣` > **Phonebook**, highlight the entry, press `▣` > **Send** > **Bluetooth**
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook: `▣` > **Settings** > **Initial Setup** > **1-Touch Dial**

Personalizing Features

Feature	Description
Ring Style	Change the ring alert for an event: `▣` > **Settings** > **Ring Styles** > *Style* **Detail** > *event name*
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries: `▣` > **Settings** > **Ring Styles** > *Style* **Detail** > **Ringer IDs**
Ring Volume	Set ringer volume: `▣` > **Settings** > **Ring Styles** > *Style* **Detail** > **Ring Volume**

Feature	Description
Keypad Volume	Set keypad keypress volume: ⊡ > **Settings** > **Ring Styles** > *Style* **Detail** > **Key Volume**
Reminders	Set reminder alerts for messages that you receive: ⊡ > **Settings** > **Ring Styles** > *Style* **Detail** > **Reminders**
Clock View	Display an analog clock or digital time readout in the home screen: ⊡ > **Settings** > **Personalize** > **Home Screen** > **Clock**
Menu View	Display the main menu as graphic icons or as a text-based list: ⊡ > **Settings** > **Personalize** > **Main Menu** > **View**
Main Menu	Reorder your phone's main menu: ⊡ > **Settings** > **Personalize** > **Main Menu** > **Reorder**
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen: ⊡ > **Settings** > **Personalize** > **Home Screen** > **Home Keys** > **Icons**
Change Soft Keys & Menu Icons	Change soft key labels and menu feature icons in the home screen: ⊡ > **Settings** > **Personalize** > **Home Screen** > **Home Keys**

Feature	Description
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold $\boxed{\texttt{I}}$. Select a shortcut: $\boxed{\texttt{I}}$ > **Office Tools** > **Shortcuts** > *shortcut name*

Menu Features

Feature	Description
Language	Set menu language: $\boxed{\texttt{I}}$ > **Settings** > **Initial Setup** > **Language**
Master Reset	Reset all options *except* unlock code, security code, and lifetime timer: $\boxed{\texttt{I}}$ > **Settings** > **Initial Setup** > **Master Reset**
Master Clear	Reset all options *except* unlock code, security code, and lifetime timer, and clear all user settings and entries *except* SIM card information: $\boxed{\texttt{I}}$ > **Settings** > **Initial Setup** > **Master Clear**

Dialing Features

Feature	Description
Fixed Dial	Turn fixed dialing on or off: $\boxed{\overline{\equiv}}$ > **Settings** > **Security** > **Fixed Dial** *Network / Subscription Dependent Feature* Use the fixed dial list: $\boxed{\overline{\equiv}}$ > **Office Tools** > **Dialing Services** > **Fixed Dial**
Service Dial	Dial service phone numbers: $\boxed{\overline{\equiv}}$ > **Office Tools** > **Dialing Services** > **Service Dial** *Network / Subscription Dependent Feature*
Quick Dial	Dial preprogrammed phone numbers: $\boxed{\overline{\equiv}}$ > **Office Tools** > **Dialing Services** > **Quick Dial** *Network / Subscription Dependent Feature*
DTMF Tones	Activate DTMF tones: $\boxed{\overline{\equiv}}$ > **Settings** > **Initial Setup** > **DTMF** Send DTMF tones during a call: Press number keys. Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent calls lists, then press $\boxed{\overline{\equiv}}$ > **Send Tones**.

Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to

the moment you end the call by pressing ⌧. This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

Feature	Description	
Call Times	View call timers: ⊡ > **Recent Calls** > **Call Times**	Network / Subscription Dependent Feature
In-Call Timer	Display time or cost information during a call: ⊡ > **Settings** > **In-Call Setup** > **In-Call Timer**	Network / Subscription Dependent Feature
Call Cost	View call cost trackers: ⊡ > **Recent Calls** > **Call Cost**	Network / Subscription Dependent Feature

Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always

obey the laws and regulations on the use of these products.

Feature	Description	
Speaker-phone	Activate a connected external speakerphone during a call: Press **SPEAKER** (⊡) (if available) or ⊡ > **Spkrphone On**.	Optional Accessory
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ⊡ > **Settings** > **Car Settings** or **Headset** > **Auto Answer**	Optional Accessory
Voice Dial (headset)	Enable voice dial with headset send/end key: ⊡ > **Settings** > **Headset** > **Voice Dial**	Optional Accessory
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: ⊡ > **Settings** > **Car Settings** > **Auto Handsfree**	Optional Accessory
Power-Off Delay (car kit)	Set the phone to stay on for a specified time after the ignition is switched off: ⊡ > **Settings** > **Car Settings** > **Power-Off Delay**	Optional Accessory

Feature	Description
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: $\boxed{\Xi}$ > **Settings** > **Car Settings** > **Charger Time**

Data and Fax Calls

Feature	Description
Send Data or Fax	Connect your phone to the device, then place the call through the device application.
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application.
Talk Then Fax	Connect your phone to the device, enter the number, press $\boxed{\Xi}$ > **Dialing Menu** > **Talk Then Fax**, then press $\textcircled{\tiny \wp}$ to make the call.

Bluetooth® Wireless Connections

Feature	Description

Set Up a Wireless Connection	Set up a Bluetooth wireless connection to a headset accessory, car kit, or external device:
	`▦ > Settings > Connection`
	`> Bluetooth Link > Handsfree`
	`> [Look For Devices]`

Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone:
	`▦ > Settings > Connection`
	`> Bluetooth Link > Setup > Find Me`

Connect to Recognized Device	Connect to a recognized handsfree device:
	`▦ > Settings > Connection`
	`> Bluetooth Link > Handsfree`
	`> device name`

Disconnect From Device	Disconnect from a device: Highlight the device name and press **DROP** (`⊡`).
Switch to Device During Call	Switch to a headset or car kit during a call: `▦ > Use Bluetooth`
Copy Multimedia Object to Device	Copy a multimedia object to another device: Highlight the object, press `▦ > Copy`, select the device name.

Phone Features

Feature	Description
Copy Phonebook/ Datebook Entry to Device	Copy a phonebook entry, datebook event, or bookmark to another device: Highlight the item, press $\boxed{\text{I}}$ > **Send** > **Bluetooth**, select the device name. *Optional Accessory*
Edit Device Properties	Edit the properties of a recognized device: Highlight the device name and press $\boxed{\text{I}}$ > **Edit**. *Optional Accessory*
Set Bluetooth Options	Set your phone's Bluetooth options: $\boxed{\text{I}}$ > **Settings** > **Connection** > **Bluetooth Link** > **Setup**

Network Features

Feature	Description
Network Settings	View network information and adjust network settings: $\boxed{\text{I}}$ > **Settings** > **Network** *Network/Subscription Dependent Feature*

Personal Organizer Features

Feature	Description
Create Datebook Event	Create a new datebook event: $\boxed{\text{I}}$ > **Office Tools** > **Datebook**, highlight the day, press the center select button, press $\boxed{\text{I}}$ > **New**

Feature	Description
View Datebook Event	View or edit event details: ⊡ > **Office Tools** > **Datebook**, highlight the day, press the center select button, press **VIEW** (⊡)
Event Reminder	View event reminder: **VIEW** (⊡) Dismiss event reminder: **EXIT** (⊟)
Copy Datebook Event to Another Device	Copy a datebook event to another phone, computer, or device: ⊡ > **Office Tools** > **Datebook**, highlight the day, press the center select button, highlight the event, press ⊡ > **Send** > **Bluetooth**
Set Alarm	Set an alarm: ⊡ > **Office Tools** > **Alarm Clock**
Turn Off Alarm	Turn off alarm: Press **DISABLE** (⊟) or ⊛. Set 8-minute delay: Press **SNOOZE** (⊡).
Calculator	Calculate numbers: ⊡ > **Office Tools** > **Calculator**
Currency Converter	Convert currency: ⊡ > **Office Tools** > **Calculator** ⊡ > **Exchange Rate** Enter exchange rate, press **OK** (⊡), enter amount, press ⊡ > **Convert Currency**.

Security

Feature	Description
SIM PIN	Lock or unlock the SIM card: Ⅲ > **Settings** > **Security** > **SIM PIN** **Caution:** If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.
Lock Application	Lock phone applications: Ⅲ > **Settings** > **Security** > **Lock Application**

News and Entertainment

Feature	Description	
Launch Micro-Browser	Start a micro-browser session: Ⅲ > **Web Access** > **Browser**	*Network/Subscription Dependent Feature*
Download Objects from Web Page	Download a picture, sound, or phone theme from a Web page: Highlight the file, press **SELECT** (▱), press **STORE** (▱).	*Network/Subscription Dependent Feature*
Web Sessions	Select or create a Web session: Ⅲ > **Web Access** > **Web Sessions**	*Network/Subscription Dependent Feature*

Feature	Description
Apply Phone Theme	Apply a grouped set of image and sound files to your phone: ▥ > **Multimedia** > **Themes** > *theme*
Download Game or Application (Micro-Browser)	Download a Java™ game or application with the micro-browser: ▥ > **Web Access** > **Browser**, highlight the application, press **SELECT** (⊡), press **DWNLOAD** (⊡)
Download Game or Application (Computer)	Download a Java game or application from a computer: Connect your phone to the computer, press ▥ > **Settings** > **Java Settings** > **Java App Loader**.
Launch Game or Application	Launch a Java game or application: ▥ > **Games & Apps**, highlight the application, press **SELECT** (⊡)
Manage Pictures	Manage pictures and animations: ▥ > **Multimedia** > **Pictures**
Manage Sounds	Manage ring tones and music that you have composed or downloaded: ▥ > **Multimedia** > **Sounds**

Feature	Description
Manage Video Clips	Manage video clips: `⊡` > **Multimedia** > **Videos**
Edit Sounds With MotoMixer	Edit MIDI-based songs that you can use with your phone: `⊡` > **Multimedia** > **MotoMixer** > [**New Mix**] or *mix file name*
Create Ring Tones	Create iMelody ring tones that you can use with your phone: `⊡` > **Multimedia** > **Sounds** > [**New iMelody**]
Camera	Adjust light level and other settings for the integrated camera: `⊡` > **Multimedia** > **Camera** `⊡` > **Pictures Setup**

Specific Absorption Rate Data

The model wireless 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 limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.[1] Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when

tested for use at the ear is 0.33 W/kg, and when worn on the body, as described in this user guide, is 0.46 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 0.43 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).[2]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

http://www.phonefacts.net

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

http://www.cwta.ca

1. 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.

2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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U.S. patent Re. 34,976