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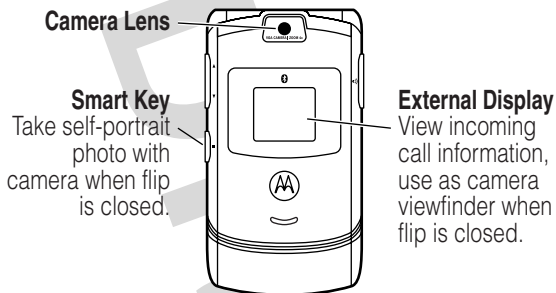
A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V3 GSM wireless phone.

Smart Key

Volume Key

Left Soft Key
Perform function in lower left display.

Operator Key

Send Key
Make & answer calls.

Accessory Connector Port
Insert charger & phone accessories.

5-Way Navigation Key with Center Select

Voice Key
Create voice records & voice dial names.

Menu Key

Right Soft Key
Perform function in lower right display.

Message Key

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

Check It Out!

Camera Lens

Smart Key
Take self-portrait
photo with
camera when flip
is closed.

External Display
View incoming
call information,
use as camera
viewfinder when
flip is closed.

Feature	Description
Take Photo	Press **CAMERA** (`\·⌋`) to activate the camera, point lens at subject, press **CAPTURE** (`\·⌋`) to take a photo.
Take Self-Portrait (flip closed)	Activate the camera, close the flip, use viewfinder to aim lens, press smart key to take a photo.
Send Photo	Send a photo to a phone number or email address: Take photo, then press **STORE** (`\·⌋`) > **Send In Message**.

Feature	Description
Set Photo as Picture ID	Assign a photo to a phonebook entry to allow picture caller ID: Take photo, then press **STORE** (`\·⌐`) > **Apply as Phonebook Entry**.
Send Multimedia Message	Send a multimedia message with pictures, animations, sounds, and videos: `☑` > **Create Message** > **New Multimedia Msg**
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]**

4

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).

Selecting a Menu Feature

Use the menu system to access your phone's features. This guide shows you how to select a menu feature from the home screen as follows:

Find the Feature   /−\ > Recent Calls > Dialed Calls

This example shows that, from the home screen, you must press the menu key /−\ to open the menu, scroll to and select 🕮 Recent Calls, then scroll to and select Dialed Calls.

Press the 5-way navigation key ⬖ to scroll and highlight a menu feature. Press **SELECT** (\·⎵) to select the highlighted menu feature.

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

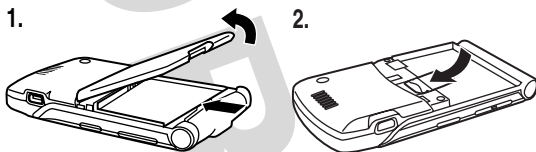Your *Subscriber Identity Module* (SIM) card contains your phone number, service details, and phonebook/message memory.

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

1.   **2.**

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.

Getting Started

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.
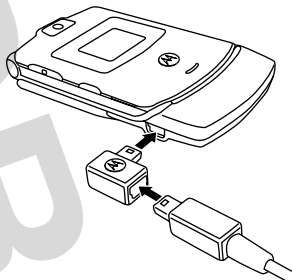
1.

2.

3.
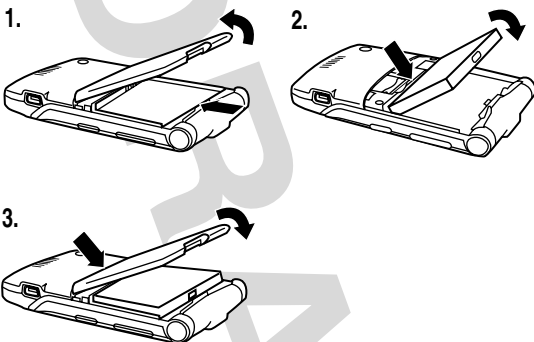
Charging the Battery

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.

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Tip: The USB adapter makes it easier for you to use your phone with an attached battery charger or phone accessory.

	Action
1	Insert the travel charger plug into the detachable USB adapter as shown.
2	Insert the USB adapter plug into the USB connector port on your phone.
3	Plug the other end of the travel charger into the appropriate electrical outlet. **Note:** It may take up to 10 seconds for your phone to provide a visible or audible indication that the battery is charging.
4	When your phone indicates **Charge Complete**, remove the travel charger.

Note: You can safely leave the travel charger connected to the phone after charging is complete. This will **not** damage the battery.
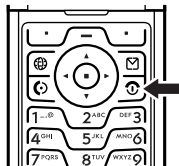
Turning Your Phone On

	Action
1	Press and hold the 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.

At startup, you are prompted to personalize your phone. Select **YES** (⟍•⟋) to set personal phone options, or **NO** (⟍•⟋) to go to the home screen. For more information about personalizing your phone, see page 77.
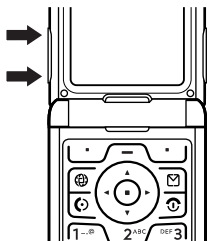
Turning Your Phone Off

Action

Press and hold the power key ⊙ for 2 seconds to turn the phone off.

Adjusting Volume

Press the volume key up or down to:

- silence an incoming call alert

- increase or decrease earpiece volume during a call

- increase or decrease ringer volume when the home screen is visible (flip must be open)

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.

Making a Call

You must be in the home screen to dial a phone number (see page 26).

	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

Tip: You can also close the phone flip to end the call.

Answering a Call

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

When the phone flip is active, open the phone to answer the call. (To activate, press $\diagup\!\!-\diagdown$ > **Settings** > **In Call Setup** > **Answer Options** > **Open To Answer**.)

If the phone flip is **not** active:

	Press	**To**
1	$\diamondsuit$ or ANSWER ($\llcorner\diagup$)	answer the call
2	$\textcircled{\scriptsize\bf\textit{G}}$	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 $\diagup\!\!-\diagdown$ $\boxed{**\#}$.

While you are on a call, press $\diagup\!\!-\diagdown$ > **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 60. If you do not know your phone number, contact your service provider.

Highlight Features

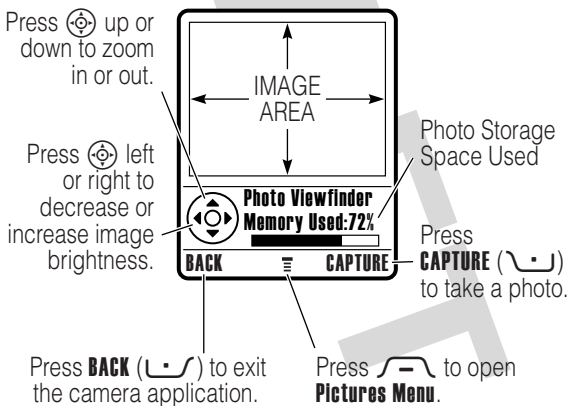You can do much more with your phone than make and receive calls!

Taking and Sending a Photo

Shortcut: From the home screen, press **CAMERA** (`\·⌐`) to activate the camera.

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

Find the Feature `⌐—\` > **Multimedia** > **Camera**

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 Storage Space Used

Photo Viewfinder
Memory Used:72%

Press **CAPTURE** (`\·⌐`) to take a photo.

BACK   ≡   **CAPTURE**

Press **BACK** (`⌐·/`) to exit the camera application.

Press `⌐—\` to open **Pictures Menu**.

Point the camera lens at the photo subject, then:

	Press	To
1	**CAPTURE** (`\·J`)	take a photo
2	**STORE** (`\·J`)	view storage options
		If you choose to store the photo, continue to step 3.
	or	
	DISCARD (`∪·/`)	delete the photo and return to active viewfinder
3	⊙	scroll to **Send in Message**, **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, or **Apply as Phonebook Entry**
4	**SELECT** (`\·J`)	perform the storage option

Taking a Self-Portrait

Action

1 From the home screen, press **CAMERA** (`\·J`) to activate the camera, then close the flip.

or

Close the flip, then press and hold the smart key to activate the camera and external display viewfinder.

2 Use the external viewfinder to aim the camera lens.

	Action
3	Press the smart key to take a photo.
4	Wait 2 seconds for your phone to save the photo and reset the external viewfinder.
	or
	Open the flip to store or discard the photo.

Adjusting Camera Settings

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 the following settings:

• **Auto Repeat**: Set pictures to display repeatedly when viewing a picture album.

• **Shuffle**: Set pictures to display randomly when viewing a picture album.

• **Lighting Conditions**: Set to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.

• **Exposure**: Set to **+2**, **+1**, **0**, **-1**, or **-2**.

Option	Description
• **Resolution**: Set the camera to capture photos at the following resolutions: **MMS** (160x120 pixels), **Medium** (320x240 pixels, or **High** (640x480 pixels)	
• **Shutter Tone**: Activate a tone that sounds when you take a photo. Can be set to **None**, **Chimp**, **Quack**, **Flix**, **Boing**, or **Click**.	
View Free Space	See how much memory remains for storing pictures.

Sending a Multimedia Message

A *Multimedia Messaging Service* (MMS) multimedia message contains one or more pages 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   ☑ > **Create Message** > **New Multimedia Msg**

	Press	To
1	keypad keys	enter text on the page
2	⌐−⌐	open the **MMS Menu**
3	⬙	scroll to **Insert**
4	**SELECT** (⌐·⌐)	display a list of items you can insert

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

	Press	To
15	⬤	scroll to a **Send To** option:
		Highlight an existing phonebook entry.
		Or highlight [**One Time Entry**] to enter one or more phone numbers or email addresses.
		Or highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook.
16	**ADD** (⟍•⟍)	add a phonebook entry to the list of recipients
	or	
	SELECT (⟍•⟍)	select [**One Time Entry**] or [**New Phonebook Entry**]
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**, **Sounds**, or **Video**
24	**SELECT** (⟍•⟍)	select the file type

	Press	To
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

Using a Bluetooth® Wireless Connection

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

Note: To extend battery life, turn off Bluetooth when not in use.

Searching for Other Devices

To connect your phone to a headset or handsfree device:

Find the Feature /—\ > **Settings** > **Connection**
> **Bluetooth Link**
> **Handsfree**
> **[Look For Devices]**

If Bluetooth is turned off, your phone asks if you want to **Temporarily Power On?** Bluetooth. Press **YES** (⌊·⌋) to proceed.

Your phone scans for and displays a list of device(s) located within range of the phone.

Note: If your phone is already connected to a device, you must disconnect from it to search for other devices.

To connect to a device, highlight the device name and press **SELECT** (⌊·⌋).

The device may request permission to bond with your phone. Select **YES** (⌊·⌋) and enter the correct PIN code to create a secure connection with the device. When the connection is made, the Bluetooth indicator ⓔ or a **Bluetooth Connected** message displays in the home screen.

Sending Objects to Another Device

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

Sending a Picture, Sound, or Video

Highlight the object on your phone that you want to send to the other device, then press $\int-\diagdown$ > **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 send the object.

Sending a Phonebook Entry, Datebook Event, or Bookmark

Highlight the item on your phone that you want to send to the other device, then press $\int-\diagdown$ > **Send**.

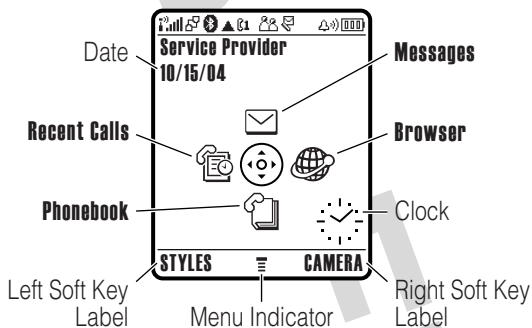Select a recognized device name listed in the **Object Exchange** menu, or [**Look For Devices**] to search for the device to which you want to send the item.

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

CAMERA — Right Soft Key Label

Press the 5-way navigation key ⊙ 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.
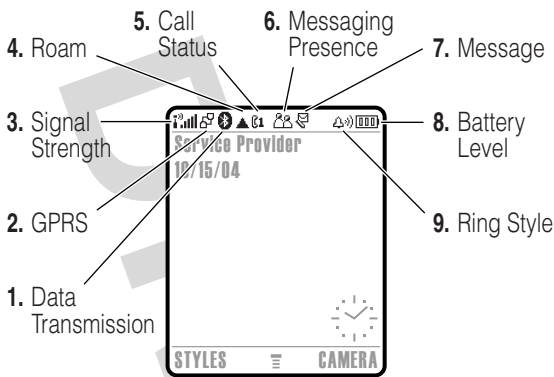
Labels at the bottom corners of the display show the current soft key functions. Press the left soft key ⊏•⌡ or right soft key ⌐•⌐ to perform the indicated function.

Notes:

- Your home screen may appear different than shown. For example, the menu feature icons normally are hidden 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 78.

- Your phone can display an analog or digital clock in the home screen (see page 77).

- 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 open the flip or press any key. To set the time that the backlight stays on, see page 59.

- To further extend battery life, you can set the display to turn off, in addition to the backlight, after a period of inactivity. The display turns back on when you open the flip or press any key. To set the time that the display stays on, see page 59.

The following status indicators can display:

4. Roam **5.** Call Status **6.** Messaging Presence **7.** Message

3. Signal Strength

8. Battery Level

2. GPRS

9. Ring Style

1. Data Transmission

Service Provider
10/15/04

STYLES   ☰   CAMERA

1. Data Transmission Indicator – Show connection and data transmission status. The Bluetooth® wireless connection indicator ❸ shows when a Bluetooth connection is active. Other indicators can include:

𝐵🔒 = secure packet data transfer	⇄ = unsecure packet data transfer
🖥🔒 = secure application connection	🖥 = unsecure application connection
⇄ = secure *Circuit Switch Data* (CSD) call	⇄ = unsecure CSD call

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   ᴅᴾ = 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 no signal indicator ᶦ⁾ or no transmit indicator ᶦ⁾X is displayed.

4. Roam Indicator – The roam indicator ▲ shows when your phone is seeking or using another network outside your home network.

5. Call Status Indicator – Shows the call status of your phone. For dual-line-enabled SIM cards, shows the current active phone line. Indicators can include:

    ┝⁾ = phone in call   ┝ᴿ = call forward on

    ┝1 = line 1 active   ┝2 = line 2 active

    ┝1ᴿ = line 1 active,   ┝2ᴿ = line 2 active, call
           call forward on   forward on

When you activate an alarm, the active alarm indicator 🕭 displays in this location.

Learning to Use Your Phone

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

🖧 = IM active	🕮 = available for IM
🖎 = busy	🖃 = invisible to IM
🖎 = available for phone calls	🖾 = offline

When a Java™ application is active, the Java midlet indicator ☕ displays in this location.

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

🖂 = text message	✉ = voicemail message
🖂 = voicemail and text message	🖾 = IM message
💬 = active chat session	

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

9. Ring Style Indicator – Shows the ring style setting.

△⁾⁾ = loud ring	△⁾ = soft ring
🕪 = vibrate	🕪△ = vibrate and ring
△ₓ = silent	

Using the 5-Way Navigation Key

Press the 5-way navigation key ⊙ up, down, left, or right to scroll through the menu system, highlight menu items, change feature settings, and play games. Press the *center select* key ⊙ in the center of the 5-way navigation key to select a highlighted menu item. The center select key usually performs the same function as the right soft key ⟍⊡.

Using the Operator Key

From the home screen, press the operator key ⊕ to go to your service provider's portal site to access customized content and services.

If a portal site is not available, pressing the operator key launches the micro-browser.
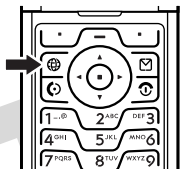
Using the Message Key

From the home screen, press the message key ☒ to go to the message center. From the
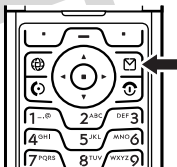
message center, you can send a message and read messages you have received.

Using Menus

From the home screen, press ⌐−⌐ to enter the main menu.

Highlighted Menu Feature Icon

Left Soft Key
Perform left function.

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

Right Soft Key
Perform right function.

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

End Key
Exit menu without making changes.
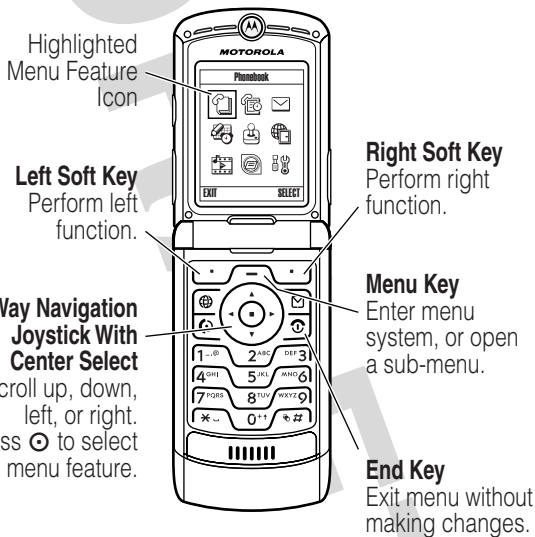
Press ⊚ to scroll to and highlight a menu feature icon in the main menu. Press **SELECT** (\·⌐) or ⊙ to select the highlighted menu feature.

Learning to Use Your Phone

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**
🎞	**Multimedia**	🞅	**IM**
⚙	**Settings**	🖳	**Chat**

Selecting a Feature Option

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

Press **BACK** (⌊•⌋) to go back to previous screen.

```
📶                    ⚠))▯▯▯
       Dialed Calls
10) John Smith            ← Highlighted Option
9) Lisa Owens
8) Adda Thomas
7) Jack Bradshaw
6) Dave Thompson
5) Mary Smith
4) Carlo Emrys
3) Bob Adams
BACK        ☰        VIEW
```

Press **VIEW** (⌊•⌋) to view details of highlighted option.

Press ╱─╲ to open sub-menu.
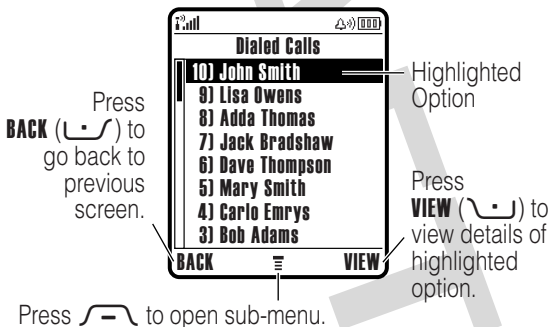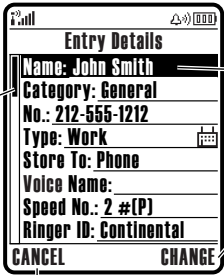
- Press ⊙ to scroll up or down to highlight the option you want.

Learning to Use Your Phone

- 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 $\hat{\odot}$ 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.

Scroll down to bottom of list to view more options.

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

Highlighted option. Press $\hat{\odot}$ to scroll to other options.

Press **CHANGE**($\diagdown \cdot \diagup$) to set or edit highlighted option.

Press **CANCEL** ($\diagdown \cdot \diagup$) to exit without making changes. **DONE** ($\diagdown \cdot \diagup$) 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.

Press **CANCEL** (⌐·⌐) to exit without making changes.

Press ⌐—⌐ to open sub-menu.

Press **INSERT** (⌐·⌐) to insert a quick note, picture, or sound.
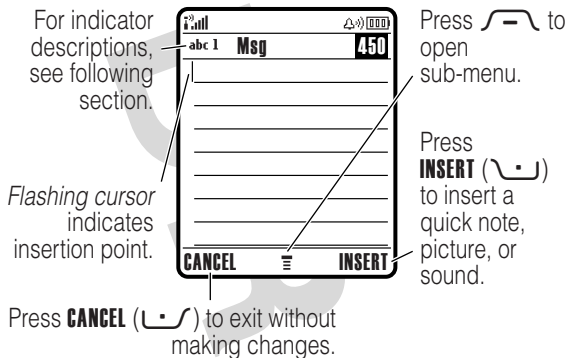
Choosing a Text Entry Mode

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 ⌐# in a text entry screen to select one of the following entry modes:

Primary	Your primary text entry mode (see below to set).
Numeric	Enter numbers only (see page 43).
Symbol	Enter symbols only (see page 44).
Secondary	Your secondary text entry mode (see below to set).

Alternatively, you can select a text entry mode in any text entry screen by pressing $\int -\setminus$ > **Entry Mode**.

Setting Primary and Secondary Text Entry Modes

You can set different primary and secondary text entry modes, and easily switch between modes as needed when you enter data or compose a message.

Press $\int -\setminus$ > **Entry Setup** in a text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

iTAP	iTAP® software predicts each word as you enter it, to simplify and speed up text entry.
Tap	Enter individual letters and numbers by pressing a key one or more times.
Tap Extended	Enter individual letters, numbers, and symbols by pressing a key one or more times.
None	Hide the **Secondary** setting if you prefer not to set a secondary text entry mode (only available for **Secondary Setup**).

Using Capitalization

Press $\setminus 0^+\int$ in a text entry screen to change text case. Indicators at the top of the display show the capitalization setting:

　　　abc = no capital letters 　　**Abc** = capitalize next
　　　ABC = all capital letters 　　　　　letter only

Text Entry Mode Indicators

In **Primary** or **Secondary** text entry mode, indicators at the top of the display show the text entry setting:

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

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

123 = numeric mode @ = symbol mode

Using iTAP® Mode

iTAP mode lets you enter words using one keypress per letter. The iTAP software combines your keypresses into common words, and predicts each word as you enter it.

For example, to type "**the**," you would press
\8ᵀᵁⱽ/ ⌐4ᴳʰᴵ\ ⌐ᴰᴱꜰ3⌐. The iTAP software recognizes that the most common word formed by this keypress combination is "**the**," and predicts that "**the**" is the word you are spelling. Other common words or word fragments that can be spelled by the same keypress combination are presented as alternate choices at the bottom of the display.
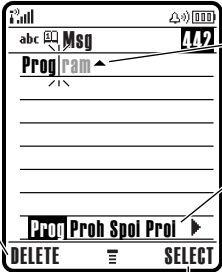
If necessary, press 🔳 in a text entry screen to switch to **iTAP** mode. An indicator tells you which mode is active (see page 37). If **iTAP** mode is not set as the **Primary** or **Secondary** entry mode, see page 36.

Entering Words in iTAP Mode

	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	⟨⊙⟩ up	accept the predicted word completion
	or	
	🔳	enter the highlighted combination, followed by a space
	or	
	SELECT (⟍•⟍)	select the highlighted combination
		You can press keypad keys to add more letters at the end of the combination.

For example, if you press 7^{PQRS} 7^{PQRS} 6^{MNO} 4^{GHI}, your phone displays:

Press $\hat{\odot}$ up to accept **Program**.

Press **DELETE** ($\sqcup\cdot\diagup$) to delete last letter.

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

Press **SELECT** ($\diagdown\cdot\sqcup$) to select highlighted combination with no space.

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

Entering Novel Words in iTAP Mode

You may enter a word that the iTAP software does not recognize. If your word is not shown as a letter combination choice at the bottom of the display:

Action
1 Press **DELETE** ($\sqcup\cdot\diagup$) one or more times to delete letters, until you see a letter combination at the bottom of the display that matches the start of the word you want to enter.
2 Press $\hat{\odot}$ left or right to highlight the letter combination.

	Action
3	Press **SELECT** (L·⁄) to select the letter combination.
4	Continue to enter letters and select letter combinations to spell the word.

Your phone automatically stores the novel word and displays it as an option the next time you enter its letter combination. When the memory space for storing novel words is filled, your phone deletes the oldest words to add new words.

Entering Numbers and Punctuation in iTAP Mode

To enter numbers quickly, press and hold a number key to temporarily switch to numeric mode. Press the number keys to enter the numbers you want. Enter a space to revert to **iTAP** mode.

Press ⌈1-®⌉ to enter punctuation or other characters as shown in the "Character Chart" on page 43.

Using Tap Mode

This is the basic text entry mode 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 43.

If necessary, press ⌈*#⌉ in a text entry screen to switch to **Tap** mode. An indicator shows which mode is active (see page 37). If **Tap** or **Tap Extended** is not set as the **Primary** or **Secondary** entry mode, see page 36.

Learning to Use Your Phone

Tap Mode Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters. For example, you would press \2ᴬᴮᶜ/ one time to enter "**a**," two times to enter "**b**," three times to enter "**c**," or four times to enter "**2**."

- After 2 seconds, **Tap** mode accepts the character, and the cursor moves to the next position.

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

- Press ⊙ to move the flashing cursor to enter or edit message text.

- If you do not want to save your text or text edits, press ⊙ to exit without saving.

Entering Words in Tap Mode

	Press	To
1	a keypad key one or more times	enter 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

For example, if you press $\boxed{8^{\text{TUV}}}$ one time, your phone displays:

Character displays at insertion point.

Press **DELETE** ($\boxed{\smile}$) to delete last character entered.

| ⛛॒ıll		⏸⏸⏸
abc 1 **Msg**		**449**
T|		
DELETE	☰	**OK**
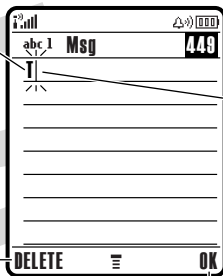
After 2 seconds, character is accepted and cursor moves to next position.

Press **OK** ($\boxed{\smile}$) 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** your phone might display:

Press ⊙ right to accept **program**. Press $\boxed{*}$ to reject it and enter a space after **prog**.

⛛॒ıll		⏸⏸⏸
abc 1 **Msg**		**432**
This is a prog|ram		
DELETE	☰	**OK**
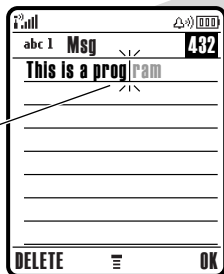
To enter a different word (such as **progress**), press keys to enter remaining characters.

Learning to Use Your Phone

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
`DEF3`	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
`MNO6`	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
`WXYZ9`	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.

Using Numeric Mode

In a text entry screen, press `#` to switch entry modes until the numeric indicator **123** displays.

Press the number keys to enter the numbers you want. When you finish entering numbers, press $\boxed{*\#}$ to switch to another entry mode.

Using Symbol Mode

In a text entry screen, press $\boxed{*\#}$ 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	
	$\boxed{*_◦}$	enter the highlighted combination

Symbol Chart

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

$1_{-.@}$	. ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
2^{ABC}	@ _ \
$DEF3$	/ : ;
4^{GHI}	" & '
5^{JKL}	( ) [ ] { }
$MNO6$	¿ ¡ ~
7^{PQRS}	< > =
8^{TUV}	$ £ ¥ ¤ €
$WXYZ9$	# % *
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** ($\llcorner\cdot\lrcorner$) to delete one letter at a time.

Hold **DELETE** ($\llcorner\cdot\lrcorner$) to delete all entered text.

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 the right soft key `\·⌡`.
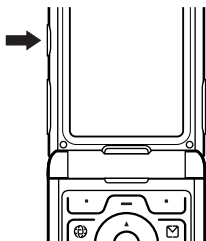
Using the External Display

When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events. You can perform the following functions in the external display.

Setting Phone Ring Style

	Press	To
1	volume key	select **Ring Styles**
2	smart key	set a ring style
3	volume key	return to the home screen

Learning to Use Your Phone

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls and displays **X Missed Calls** in the external display.

	Action
1	Press the smart key to view the received calls list.
	or
	Press the volume key to dismiss the **Missed Calls** message.
2	If necessary, press the volume key to scroll through the list and highlight an unanswered call.
3	Press and hold the smart key to call the number.
	or
	Press the smart key to exit without calling.
4	Open the flip to talk to the other party.

Tip: With a headset or other handsfree device, you can use this feature to return a call without opening the flip.

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** (⟍•⟍) to turn the handsfree speaker on or off during a call.

Learning to Use Your Phone

When you turn the handsfree speaker on, your phone displays **Spkrphone On** in the home screen. The handsfree speaker remains on until you press **SPEAKER** (⟍•⟋) again or end the call.

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   ⟋−⟍ > **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 67).

Locking Your Phone Manually

Find the Feature $\sqrt{-\setminus}$ > Settings > Security
                              > Phone Lock > Lock Now

	Press	To
1	keypad keys	enter your unlock code
2	OK ($\diagdown \cdot \lrcorner$)	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 ($\diagdown \cdot \lrcorner$)	unlock your phone

Learning to Use Your Phone

Setting Your Phone to Lock Automatically

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

Find the Feature $\sqrt{-\setminus}$ > **Settings** > **Security**
> **Phone Lock**
> **Automatic Lock** > **On**

	Press	To
1	keypad keys	enter your unlock code
2	OK ($\setminus \cdot \lrcorner$)	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	$\sqrt{-\setminus}$	display the unlock code bypass screen
2	keypad keys	enter your security code
3	OK ($\setminus \cdot \lrcorner$)	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 74 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** (\·). Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the 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

Press and release the voice key, and say the entry's name (within 2 seconds).

Sorting Phonebook Entries

Press $\int-\diagdown$ > **Phonebook**, press $\int-\diagdown$ > **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 76.

Tip: In **Primary** number view mode, highlight a name and press $\textcircled{\textcircled{}}$ left or right to view other numbers associated with the name.

Setting a Picture ID for a Phonebook Entry

Press $\int-\diagdown$ > **Phonebook** > *entry*, press $\int-\diagdown$ > **Edit** > **Picture** > *picture name*.

Also see pages 2 and 17.

Setting Picture ID View

Press $\int-\diagdown$ > **Phonebook**, press $\int-\diagdown$ > **Setup** > **View by** > **Picture**.

Viewing Entries By Category

Press $\int-\diagdown$ > **Phonebook**, press $\int-\diagdown$ > **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 75.

Setting Up Your Phone

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 30).

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`.

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 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.

Find the Feature $\sqrt{-}\backslash$ > Settings > Personalize
                        > Wallpaper

	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 wallpaper image.
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 the flip is open and no activity is detected for a period of time. If necessary, the image shrinks to fill the display. An animation repeats for 1 minute, then the first frame of the animation displays.

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

Find the Feature $\sqrt{-\backslash}$ > Settings > Personalize
                                          > Screen Saver

	Press	To
1	⊚	scroll to **Picture**
2	**CHANGE** ($\backslash\cdot$)	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** ($\backslash\cdot$)	select the image
5	⊚	scroll to **Delay**
6	**CHANGE** ($\backslash\cdot$)	set the delay interval
7	⊚	scroll to the inactivity interval that starts the screen saver
8	**SELECT** ($\backslash\cdot$)	select the inactivity interval
9	**BACK** ($\llcorner\diagup$)	save screen saver settings

Changing Phone Skin

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

Find the Feature 　　　/─\ > **Settings** > **Personalize**
　　　　　　　　　　　　　　　　> **Skin** > *skin*

Your phone displays the new skin.

Setting a Phone Theme

A *phone theme* consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Downloading a Theme

To download a theme from a Web page with the micro-browser, see page 90. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply Theme Now?**

Selecting a Theme

You can apply any of the themes installed on your phone.

Note: If one of a theme's components is not available, then a default setting is applied.

Find the Feature 　　　/─\ > **Multimedia** > **Themes**
　　　　　　　　　　　　　　　　> *theme*

Deleting a Theme

You cannot delete the preloaded themes on your phone. To delete one or all of the themes that you have downloaded and installed:

Find the Feature $\sqrt{-\diagdown}$ > **Multimedia** > **Themes**
            > *theme*

	Press	To
1	$\sqrt{-\diagdown}$	open the **Theme** menu
2	$\circledcirc$	scroll to **Delete** or **Delete All**
3	**SELECT** ($\diagdown \cdot \diagup$)	select the option

Setting Answer Options

You can use additional, alternative methods to answer an incoming call.

Multi-Key	answer by pressing any key
Open to Answer	answer by opening the flip

To activate or deactivate an answer option:

Find the Feature $\sqrt{-\diagdown}$ > **Settings** > **In-Call Setup**
            > **Answer Options**

	Press	To
1	$\circledcirc$	scroll to **Multi-Key** or **Open to Answer**
2	**CHANGE** ($\diagdown \cdot \diagup$)	select the option
3	$\circledcirc$	scroll to **On** or **Off**
4	**SELECT** ($\diagdown \cdot \diagup$)	confirm the setting

Setting Up Your Phone

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Setting Display Brightness

Find the Feature $\sqrt{-\setminus} >$ **Settings** > **Initial Setup**
                        > **Brightness**

Adjusting the Backlight

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

Find the Feature $\sqrt{-\setminus} >$ **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 open the flip or press any key.

Setting Display Timeout

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

Find the Feature $\sqrt{-\setminus} >$ **Settings** > **Initial Setup**
                        > **Display Timeout**

You can set the display to stay on for 1 or 2 minutes, or set **Off** to disable display timeout.

Note: The display turns back on when you open the flip or press any key.

Setting Up Your Phone

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Storing Your Name and Phone Number

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

Find the Feature 　$\sqrt{-\diagdown}$ > Settings > Phone Status
　　　　　　　　　　　　　　> My Tel. Numbers

Shortcut: Press $\sqrt{-\diagdown}$ $\sqrt{\cdot\#}$ from the home screen to view and edit your name and phone number(s).

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

Calling Features

For basic instructions on how to make and answer calls, see page 15.

Turning Off a Call Alert

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

	Action
1	Press the volume key to turn off the alert.
2	Open the flip (or press the button on a handsfree headset) to answer the call.

Viewing Recent Calls

Your phone keeps lists of incoming and outgoing calls, even for calls that did not connect. The most recent calls are listed first. The oldest calls are deleted as new calls are added.

Shortcut: Press $\odot$ from the home screen to view the dialed calls list.

Find the Feature $\sqrt{-\backslash}$ > Recent Calls

	Press	**To**
1	$\langle\hat{\odot}\rangle$	scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** $(\diagdown\cdot\lrcorner)$	select the list

	Press	**To**
3	⊕	scroll to an entry
		Note: ✓ means the call connected.
4	☺	call the entry's number
	or	
	VIEW (⟍•⟍)	view entry details (such as time and date of call)
	or	
	⌐−⟍	open the **Last Calls Menu** to perform other procedures

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 a 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.

Calling Features

Option	Description
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 85).

Redialing a Number

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

Using Automatic Redial

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

Press	To
C or **RETRY** (_)	redial the number

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

Calling Features

Returning an Unanswered Call

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

- the missed call indicator $\leqslant$

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

	Press	To
1	VIEW (\・⌡)	display the received calls list
2	⊙	select a call to return
3	☉	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 jot down during a call, for later use. To retrieve the number stored in the notepad:

Find the Feature ╱━╲ > Recent Calls > Notepad

Press	To
◔	call the number
or	
STORE (⭣‿⭨)	create a phonebook entry with the number in the **No.** field
or	
⌐‒⌐	open the **Dialing Menu** to attach a number or insert a special character

Putting a Call On Hold or Mute

Press	To
⌐‒⌐ > **Hold**	put all active calls on hold
or	
⌐‒⌐ > **Mute**	mute all active calls

Using Call Waiting

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

Network / Subscription Dependent Feature

Calling Features

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	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

If necessary, 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

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 74.

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. (Inserting + enables your phone to make an international call.) Then press the keypad keys as usual to dial the country code and phone number.

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 76).

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 $\boxtimes$ > **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 (\ · J)	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 ☑ ⌐─╲ > **Voicemail Setup**

	Press	To
1	keypad keys	enter your voicemail number
2	**OK** (╲•┘)	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.

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 ⌐─╲ > **Settings** > **Phone Status** > **Active Line**

The call status indicator in the display shows the currently active phone line (see page 29).

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

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

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)

Settings Menu

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

Ring Styles
- Style
  - *Style* Detail

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
- Language
- Brightness
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available
- Active Line
- Battery Meter
- 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 Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords
- Certificate Mgmt

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: Dial next number, press $\odot$, press **LINK** ($\llcorner \cdot \lrcorner$)	Network/Subscription Dependent Feature
Call Forwarding	Set up or cancel call forwarding: $\sqrt{-\backslash}$ > **Settings** > **Call Forward**	Network/Subscription Dependent Feature
Call Barring	Restrict outgoing or incoming calls: $\sqrt{-\backslash}$ > **Settings** > **Security** > **Call Barring**	Network/Subscription Dependent Feature
TTY Calls	Set up your phone for use with an optional TTY device: $\sqrt{-\backslash}$ > **Settings** > **Initial Setup** > **TTY Setup**	Network/Subscription Dependent Feature

Phone Features

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Messages

Feature	Description	
Send Text Message	Send a text message: ☑ > Create Message > New Short Message	*Network / Subscription Dependent Feature*
Send Multimedia Message	Send a multimedia message: ☑ > Create Message > New Multimedia Msg	*Network / Subscription Dependent Feature*
Send Letter	Send a multimedia letter: ☑ > Create Message > New Letter	*Network / Subscription Dependent Feature*
Use MMS Template	Open an MMS template with preloaded media: ☑ > Create Message > MMS Templates	*Network / Subscription Dependent Feature*
Read New Message	Read a new text or multimedia message that you have received: Press READ (⟍•⟍) when the New Message notification is displayed.	*Network / Subscription Dependent Feature*
Received Messages	Read received messages: ☑ > Message Inbox **Tip:** Press ⟋−⟍ to perform various operations on the message.	*Network / Subscription Dependent Feature*

Feature	Description
Store Message Objects	Go to a multimedia message page, or highlight an object in a letter, then: 〔-\ > **Store**

Phonebook

Feature	Description
Add New Entry	Add a new entry to the phonebook: 〔-\ > **Phonebook** 〔-\ > **New** > **Phone Number** or **Email Address**
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: Press and release the voice key, and 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.

Feature	Description
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.
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos: ◠ > **Phonebook** ◠ > **Setup** > **View by** > *view name*
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*
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**, highlight the entry, press ⌐─ > **Set Primary** > *phone number*.
Copy Phonebook Entry	Copy a phonebook entry between the phone and SIM card: ⌐─ > **Phonebook**, highlight the entry, press ⌐─ > **Copy** > **Entries** > **To**
Send Phonebook Entry to Another Device	Send 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**
Create Group Mailing List	Create a group mailing list as a phonebook entry: ⌐─ > **Phonebook** ⌐─ > **New** > **Mailing List**

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**
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**

Feature	Description
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**
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold ╱–╲. Use a shortcut: Press ╱–╲, then press the shortcut number.

Instant Messaging

Feature	Description	
Log In	Log in to instant messaging: ╱–╲ > **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

Phone Features

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Feature	Description	
Start Conversation	Start a conversation: From your **Contact List**, highlight a name in **Online Contacts**, press **SEND IM** (`\·⌟`).	*Network/Subscription Dependent Feature*
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press **VIEW** (`\·⌟`).	*Network/Subscription Dependent Feature*
End Conversation	From the conversation display: `⌐−⟍` > **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: `⌐−⟍` > **Office Tools** > **Chat** `⌐−⟍` > **New Chat**	*Network/Subscription Dependent Feature*
Receive Chat Request	When you receive a chat request: Press **ACCEPT** (`\·⌟`) or **IGNORE** (`⌞·⌟`).	*Network/Subscription Dependent Feature*

Feature	Description	
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*

Menu Features

Feature	Description
Language	Set menu language: ⌐‿⌐ > **Settings** > **Initial Setup** > **Language**
Master Reset	Reset all options *except* unlock code, security code, and lifetime timer: ⌐‿⌐ > **Settings** > **Initial Setup** > **Master Reset**

Feature	Description
Master Clear	Reset all options *except* unlock code, security code, and lifetime timer, and clear all user settings and entries *except* SIM card information: 〔−〕 > **Settings** > **Initial Setup** > **Master Clear** **Caution:** Master clear **erases all user-downloaded content** (including photos and sounds) **and user-entered information** (including phonebook and datebook entries) stored in your phone's memory. After you erase the information, you cannot recover it.

Special Dialing Features

Feature	Description
Fixed Dial	Turn fixed dialing on or off: 〔−〕 > **Settings** > **Security** > **Fixed Dial** Use the fixed dial list: 〔−〕 > **Office Tools** > **Dialing Services** > **Fixed Dial**
Service Dial	Dial service phone numbers: 〔−〕 > **Office Tools** > **Dialing Services** > **Service Dial**

Feature	Description
Quick Dial	Dial preprogrammed phone numbers: $\sqrt{-\diagdown}$ > Office Tools > Dialing Services > Quick Dial
DTMF Tones	Activate DTMF tones: $\sqrt{-\diagdown}$ > 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 $\sqrt{-\diagdown}$ > 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: /—\ > Settings > Car Settings > Charger Time	Optional Accessory

Data and Fax Calls

Feature	Description	
Send Data or Fax	Connect your phone to the device, then place the call through the device application.	Optional Accessory
Receive Data or Fax	Connect your phone to the device, then answer the call through the device application.	Optional Accessory
Talk Then Fax	Connect your phone to the device, enter the number, press /—\ > Dialing Menu > Talk Then Fax, then press ✆ to make the call.	Optional Accessory

Bluetooth® Wireless Connections

Feature	Description	
Make Phone Visible to Other Device	Allow an unknown Bluetooth device to discover your phone: 〔─〕 > Settings > Connection > Bluetooth Link > Setup > Find Me	Optional Accessory
Connect to Recognized Device	Connect to a recognized handsfree device: 〔─〕 > Settings > Connection > Bluetooth Link > Handsfree > *device name*	Optional Accessory
Disconnect From Device	Disconnect from a device: Highlight the device name and press **DROP** (〔·〕).	Optional Accessory
Switch to Device During Call	Switch to a headset or car kit during a call: 〔─〕 > Use Bluetooth	Optional Accessory
Copy Multimedia Object to Device	Copy a multimedia object to another device: Highlight the object, press 〔─〕 > Copy, select the device name.	Optional Accessory

Feature	Description
Move Multimedia Object to Device	Move a multimedia object to another device: Highlight the object, press $\int - \diagdown$ > **Move**, select the device name. **Caution:** Moving an object **deletes** the original object from your phone.
Send Phonebook/ Datebook Entry to Device	Copy a phonebook entry, datebook event, or bookmark to another device: Highlight the item, press $\int - \diagdown$ > **Send** > **Bluetooth**, select the device name.
Edit Device Properties	Edit the properties of a recognized device: Highlight the device name and press $\int - \diagdown$ > **Edit**.
Set Bluetooth Options	Set your phone's Bluetooth options: $\int - \diagdown$ > **Settings** > **Connection** > **Bluetooth Link** > **Setup**

Network Features

Feature	Description
Network Settings	View network information and adjust network settings: $\int - \diagdown$ > **Settings** > **Network**

Personal Organizer Features

Feature	Description
Set Alarm	Set an alarm: ╱━╲ > **Office Tools** > **Alarm Clock**
Turn Off Alarm	Turn off alarm: Press **DISABLE** (⎣·╱) or ☻. Set 8-minute delay: Press **SNOOZE** (╲·⎦).
Add New Datebook Event	Add a new event to the datebook: ╱━╲ > **Office Tools** > **Datebook**, highlight the day, press ⊙, press ╱━╲ > **New**
View Datebook Event	View or edit event details: ╱━╲ > **Office Tools** > **Datebook**, highlight the day, press ⊙, press **VIEW** (╲·⎦)
Event Reminder	View an event reminder: **VIEW** (╲·⎦) Dismiss an event reminder: **EXIT** (⎣·╱)
Send Datebook Event to Another Device	Send a datebook event to another phone, computer, or device: ╱━╲ > **Office Tools** > **Datebook**, highlight the day, press ⊙, highlight the event, press ╱━╲ > **Send** > **Bluetooth**

Feature	Description
Create Voice Record	Create a voice record: Press and hold voice key, speak into the phone, release voice key **Note:** Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.
Play Voice Record	Play back a voice record: ⌐〈 > Office Tools > Voice Records > *voice record*
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: ⌐〈 > 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**.

Feature	Description
Lock Application	Lock phone applications: ⌐ > Settings > Security > Lock Application
Certificate Management	Enable or disable security certificates stored on your phone: ⌐ > Settings > Security > Certificate Mgmt

News and Entertainment

Feature	Description	
Launch Micro-Browser	Start a micro-browser session: Press ⊕	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: ⌐ > Web Access > Web Sessions	Network/Subscription Dependent Feature
Apply Phone Theme	Apply a grouped set of image and sound files to your phone: ⌐ > Multimedia > Themes > theme	Network/Subscription Dependent Feature

Feature	Description
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: Press √−\ > **Settings** > **Java Settings** > **Java App Loader**, connect your phone to the computer when prompted.
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**
Manage Video Clips	Manage video clips: √−\ > **Multimedia** > **Videos**

Feature	Description
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**]

Phone Features

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 0.89 W/kg, and when worn on the body, as described in this user guide, is 0.58 W/kg. The SAR value for this product in its data transmission mode (body-worn use) is 1.24 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