INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

EXHIBIT 8

MOTOROLA

V180
GSM

START HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V180 GSM wireless phone.

Menu Key

Left Soft Key
Perform function in lower left display.

Volume Keys

Answer & Send Key
Make & answer calls.

Headset Jack

5-Way Navigation Key
Scroll through & select menu items. Press center to select.

Right Soft Key
Perform function in lower right display.

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

Contents

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

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

Other Medical Devices

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

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

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

Responsible driving best practices may be found in the "Wireless Phone Safety Tips" at the end of this manual and at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
♨	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑	Your battery or phone should not be thrown in the trash.
⊖ Li Ion BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.

- Take a minimum of a 15-minute break hourly.

- Play in a room in which all lights are on.

- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.

- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.

- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

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.

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.

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Installing the SIM Card

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

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.
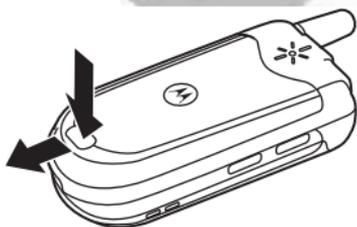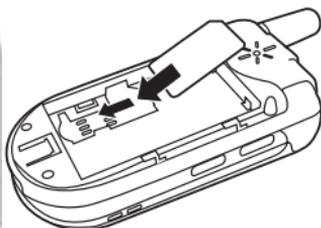
1   **2**

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 your 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

Note: If necessary, remove the battery from its protective clear plastic case.

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.
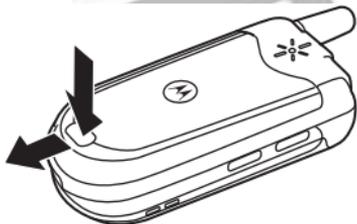
1
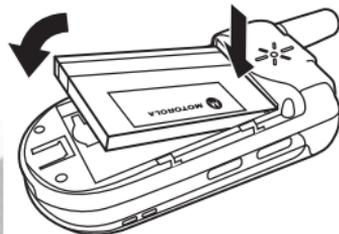
2
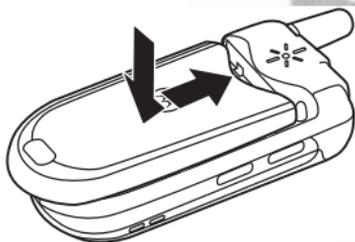
3

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.

Action

1 Plug the travel charger
into the bottom of your
phone.
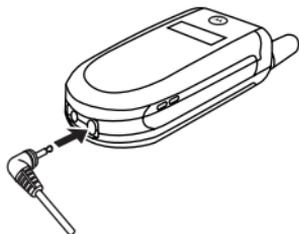
2 Plug the other end of the travel charger into the
appropriate electrical outlet.

3 When your phone indicates **Charge Complete**, remove
the travel charger.

Tip: You can safely leave the travel charger connected to
your phone after charging is complete. This will not
damage the battery.

Changing Your Phone's Lens

Always use Motorola Original® lenses. The phone
warranty does not cover damage caused from
using non-Motorola accessories.

Your phone has a removable lens that you can replace to
change its appearance.

Action

1 Use your fingernail to lift the top of the lens and pull it away from the phone.
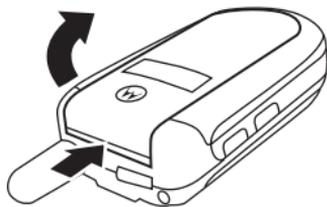
2 Insert the tab at the bottom of the new lens into the bottom of the phone flip, then use your thumbs to press along the sides of the lens as you press it into place.
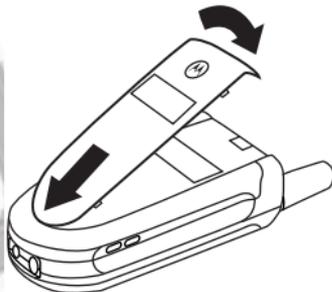
Turning Your Phone On

Action

1 Press and hold ⌡ for 2 seconds to turn on the phone.

Power & End Key
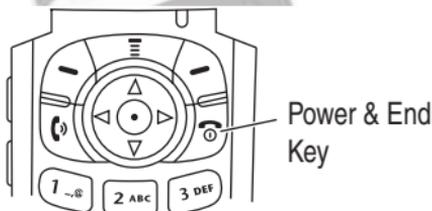
2 If necessary, enter your SIM card PIN code and press **OK** ($\cdot\rangle$) to unlock the SIM card.

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** ($\cdot\rangle$) to unlock the phone.

Adjusting Volume

Press the up and down volume keys to:

Volume Keys

- increase or decrease earpiece volume during a call

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

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

- turn off an incoming call alert by setting your ringer volume to **Silent**
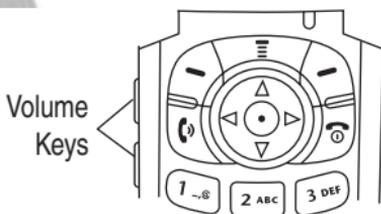
Making a Call

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

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**.

Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

USB Connectivity

Your phone features a USB port for quick and easy connection to a PC so you can make data and fax calls (see page 81.

Note: USB data cables and supporting software are sold separately.
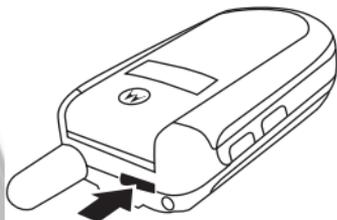
Sending a Multimedia Message

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

Find the Feature   `\(\sqsupset\)` > Messaging > New Message
                         > New Multimedia Msg

Note: Depending on your service provider, your phone may list the option shown above as **New Picture Msg** rather than **New Multimedia Msg**.

Press	To
1 keypad keys	enter slide text
	Tip: You can press ⌨ to open the **MMS Menu** and select **INSERT** (⭡) to insert a **Picture**, **Voice Record**, **Sound**, **Soundtrack**, **New Page**, **Quick Note**, or **Contact Info**.
2 **OK** (⭡)	store the message
3 ⭕	scroll to a **Send To** option:
	• Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
	• Highlight [**New Address Book Entry**] to enter a number/address and add it to the address book.
	• Or highlight an existing Address Book entry.
4 **SELECT** (⭡)	select [**One Time Entry**] or [**New Address Book Entry**] and enter a number/address. Press **DONE** (⭡) when you are finished.

Press		To
	or	
	ADD ($\ominus$)	add an address book entry to the list of recipients. Press **OK** ($\ominus$) when you are finished.
5	$\circledcirc$	scroll to **Subject**
6	**CHANGE** ($\ominus$)	select **Subject**
7	keypad keys	enter the subject
8	**OK** ($\ominus$)	store the subject
9	**CHANGE** ($\ominus$)	select **Attachments**
10	$\circledcirc$	scroll to **Picture** or **Sounds**
11	**SELECT** ($\ominus$)	select the file type
12	$\circledcirc$	highlight the file you want
13	**SELECT** ($\ominus$)	attach the file
14	**BACK** ($\ominus$)	return to the message editor
15	$\circledcirc$	scroll to **Receipt**
16	**CHANGE** ($\ominus$)	select **Receipt**
17	**ADD** ($\ominus$) or **REMOVE** ($\ominus$)	activate/deactivate the delivery report
18	**DONE** ($\ominus$)	return to the message editor

Press	To
19 **SEND** ($\cdot$)	send the message
or	
$\boxdot$	send the message, view message details, save the message in the drafts folder, or cancel the message

Receiving a Multimedia Message

When you receive an MMS message, your phone displays the $\boxtimes$ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ ($\cdot$)	open the message

MMS messages that you receive can contain the following media objects:

- Pictures, and animations are displayed as you read the message.

- A sound file begins playing when its slide is displayed.

- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/ filename and press **VIEW** ($\cdot$) (image file type), **PLAY** ($\cdot$) (sound file), or **OPEN** ($\cdot$) (object such as address book or datebook entry, or unknown file type).

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

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

Left Soft Key Label   Right Soft Key Label

Menu Indicator

Note: Your home screen may look different than the display shown above, depending on your service provider.

The ≣ (menu) indicator indicates 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 ($\boxdot$) to perform the function indicated by the left or right soft key label.

Your phone can display an analog or digital clock in the home screen (see page 74).

The following status indicators can display:

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

1. Signal Strength

2. GPRS

3. Data Transmission

10. Battery Level

9. Ring Alert

8. Location

Service Provider

PH.BOOK   MESSAGES
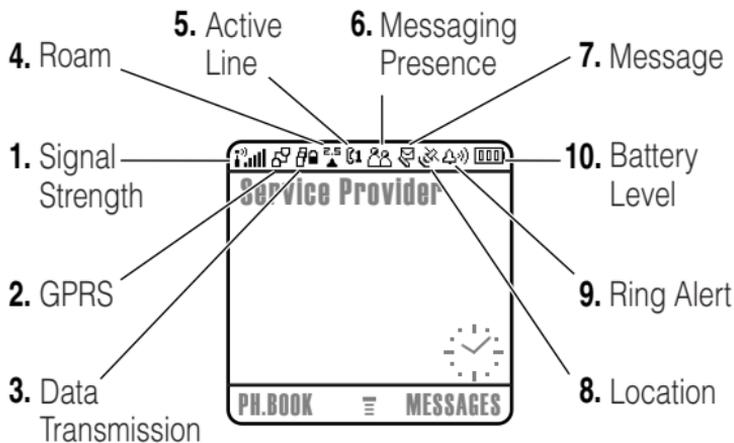
1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the $\mathbb{P}$ (no signal) indicator or $\mathbb{P}\mathbf{X}$ (no transmit) indicator displays.

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. Indicators can include:

$\frac{1}{26}$ = GPRS PDP context active $\overset{\triangle}{\nabla}$ = GPRS packet data available

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

$\overset{\theta}{=}$ = secure packet data transfer $\overset{\overline{\mathcal{I}}}{=}$ = insecure packet data transfer

$\blacksquare$ = secure application connection $\blacksquare$ = insecure application connection

$\leftrightarrows$ = secure Circuit Switch Data (CSD) call $\leftrightarrows$ = insecure CSD call

4. Roam Indicator

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

$\overset{2.5}{\mathbf{G}}$ = 2.5G home $\overset{2.5}{\blacktriangle}$ = 2.5G roam

$\overset{2}{\mathbf{G}}$ = 2G home $\overset{2C}{\blacktriangle}$ = 2G roam

5. Active Line Indicator

Shows ℂ1 or ℂ2 to indicate the current active phone line. Other indicators can include:

$\mathbb{K}^\mathbb{R}$ = line 1 active, call
divert on

$\mathbb{K}^\mathbb{R}$ = line 2 active, call
divert on

$\mathbb{\overline{10}}$ = alarm activated

6. Messaging Presence Indicator

Shows when Instant Messaging (IM) is active.
Indicators can include:

$\text{\tiny Network/Subscription}$
$\text{\tiny Dependent Feature}$

$\mathbb{\partial\mathbb{B}}$ = IM active

$\mathbb{\overline{\boxtimes}}$ = available for IM

$\mathbb{\overline{\boxtimes}}$ = busy

$\mathbb{\overline{\boxtimes}}$ = invisible to IM

$\mathbb{(\!(\!)\!)}$ = available for phone
calls

$\mathbb{\overline{\boxtimes}}$ = offline

Note: Your Instant Messaging feature may have a different
name and may display different icons, depending on your
service provider.

When a Java application is active, the $\mathbb{\textcircled{\tiny{\$}}}$ (Java midlet)
indicator can display in this location.

7. Message Indicator

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

$\text{\tiny Network/Subscription}$
$\text{\tiny Dependent Feature}$

$\boxed{\mathbb{Q}}$ = text message	$\boxtimes$» = voicemail message
$\boxed{\mathbb{Q}}$ = IM message	$\wp$ = active chat session
$\boxed{\mathbb{Q}}$» = voicemail and text message	

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 (multimedia message).

8. 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:

$\overset{\curvearrowright}{\mathbb{Q}}$ = location on $\overset{\curvearrowright}{\mathbb{Q}}$ = location off

9. Ring Style Indicator

Shows the ring style setting.

$\triangle$» = loud ring	$\triangle$» = soft ring
$\{\mathbb{E}\}$ = vibrate	$\{\triangle$ = vibrate and ring
$\triangle^z$ = silent	

10. Battery Level Indicator

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

Using the 5-Way Navigation Key

5-Way Navigation Key
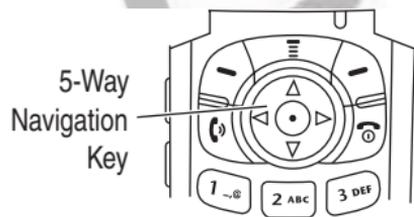
Use the 5-way navigation key (◎) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games.

Press the center select button to select a highlighted menu item.

Using Menus

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

5-Way Navigation Key
Scroll up, down, left, or right. Press center to select.

Menu Key
Enter menu system.

Right Soft Key
Perform right function.

Left Soft Key
Perform left function.

End Key
Exit menu without making changes.
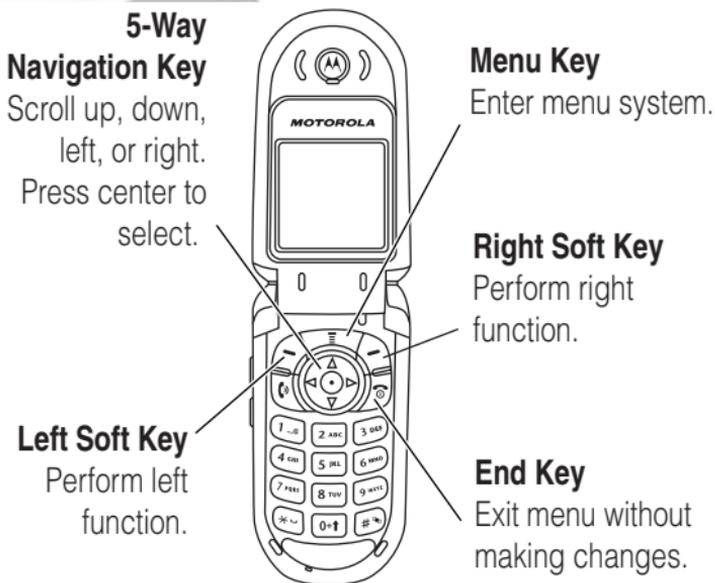
Press $\odot$ to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may appear in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
📇	**Recent Calls**	✉	**Messaging**
🖐	**Games**	🌐	**MEdia Net**
✕	**MEdia Mall**	📄	**IM**

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Icon	Feature	Icon	Feature
📺	**My MEdia**	🗒	**Address Book**
🔧	**Settings**		

Note: Your Instant Messaging menu icon may be different than the one shown above, depending on your service provider.

Selecting a Menu Feature

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, and 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:

Highlighted Option

Dialed Calls

10) John Smith
9) Lisa Owens
8) Adda Thomas
7) Jack Bradshaw

BACK   VIEW

Press **BACK** (⊙) to go back to previous screen.

Press **VIEW** (⊙) to view details of highlighted option.

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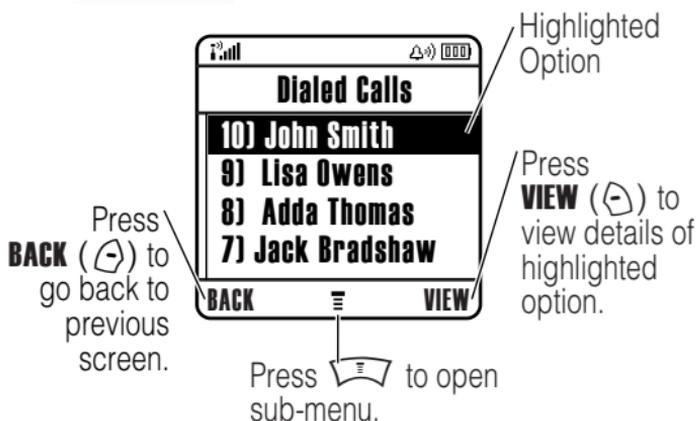
Press ◎ to scroll up or down to highlight the option you want.

- 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 displays a list of possible values, press ◎ left or right to scroll through and select a value.

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

Learning to Use Your Phone

Entering Text

Some features require you to enter information.

Press ⊙ to scroll down to other options.

Press **CANCEL** (◁) to go back to previous screen.

Highlighted Option

Press **CHANGE** (▷) to view details of highlighted option.

Entry Details

Name: John Smith
Category: General
No.: 2125551212
Type: Work

CANCEL   CHANGE
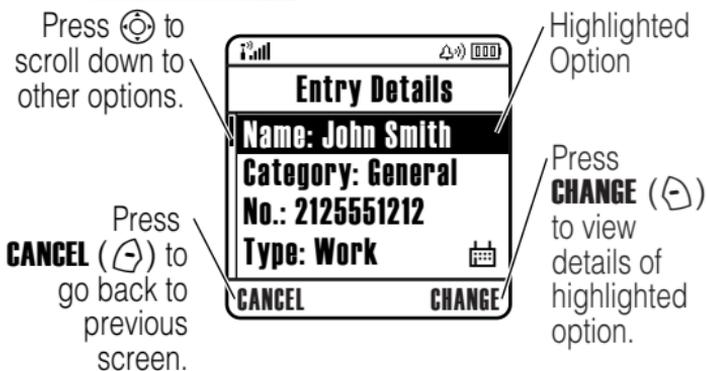
The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in a message.

For indicator descriptions, see following section.

Character Counter

```
 Tull              △)) [III]
Ab 1☆    Msg      450
│|
_____
_____
_____
_____
CANCEL    ☰      INSERT
```

Flashing cursor indicates insertion point.

Press ⌐⊽ to open sub-menu.

Press **CANCEL** (⊝) to exit without making changes.

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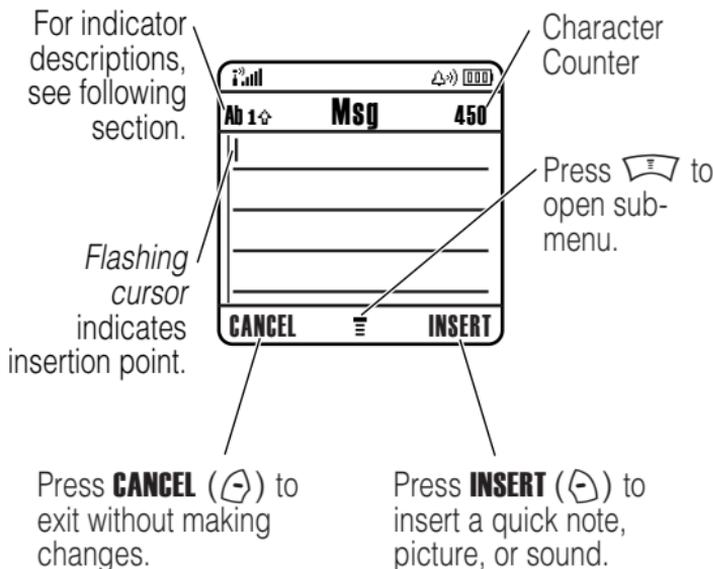
Choosing a Text Entry Mode

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

Press ⊛ 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 41).

Learning to Use Your Phone

| Symbol | Enter symbols only (see page 42). |
| 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 〈☰〉 > **Entry Mode**.

Setting Up a Text Entry Mode

Press 〈☰〉 > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

iTAP	Let the phone predict each word as you press keys (see page 39).
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 (available only for **Secondary Setup**).

Using Capitalization

Press 〚•〛 in any text entry screen to change text case. The following indicators on your phone's display show capitalization status:

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

ABC = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Secondary	Description
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 method   @ = symbol method

Using Tap Method

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

Tap method cycles through the letters and number of the key you press. Tap Extended method also cycles through additional symbols as shown in the chart on page 38.

Press		To
1	a keypad key 1 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. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 35.

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

Character displays at insertion point.

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

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

Press **OK** (⊖) to accept and store text.

Learning to Use Your Phone

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:

Character displays at insertion point.

📶		⏿ 🔋
Ab 1 ⇧	**Msg**	435
This is a prog	ram	

Press ◎ ► to accept **program**, or press ⌧ to reject it and enter a space after **prog**.

DELETE	☰	OK

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** method.

1️⃣	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2️⃣	a b c 2 á à â ã ç æ
3️⃣	d e f 3 é è ê ë
4️⃣	g h i 4 í î ï
5️⃣	j k l 5
6️⃣	m n o 6 ñ ó ò ô õ œ
7️⃣	p q r s 7
8️⃣	t u v 8 ú ù û ü
9️⃣	w x y z 9
0️⃣	change text case, for capital letters

Learning to Use Your Phone

$\begin{smallmatrix}*\\ \smile\end{smallmatrix}$	enter a space (hold to enter a return)
$\begin{smallmatrix}\#\\ *\end{smallmatrix}$	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, $\mathbb{1}_{-\otimes}$ first shows common characters for that editor.

Tap Method Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.

- Press $\circledcirc$ 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 $\circledcirc$ down to force 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 $\sqrt{2}$ to exit without saving.

Using iTAP™ Method

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

For example, if you press ⁷⁰ᵉˢ ⁷⁰ᵉˢ ⁶ᵐⁿᵒ ⁴ᵍʰⁱ, letter combinations that match your key presses display:
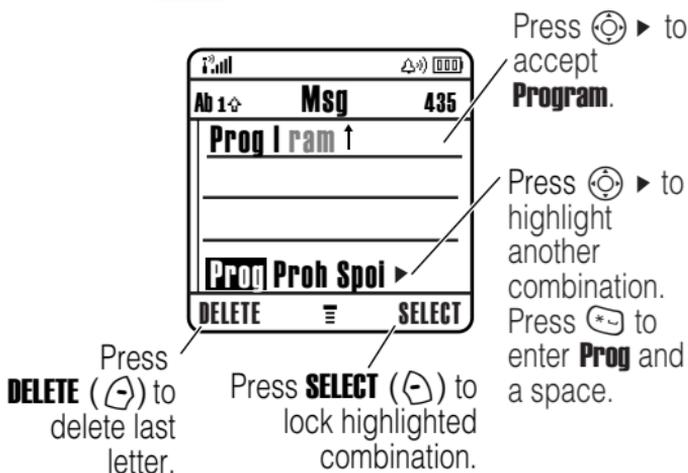
Press ◎ ▸ to accept **Program**.

Press ◎ ▸ to highlight another combination. Press ✱ to enter **Prog** and a space.

Press **DELETE** (◁) to delete last letter.

Press **SELECT** (▷) to lock highlighted combination.

```
                    📶          ⚠» ▯▯▯
                    Ab 1✧   Msg       435
                     Prog I ram ↑


                     Prog Proh Spoi ▸
                    DELETE    ≡    SELECT
```

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 shows which method is active (see page 36). If **iTAP** method is not available as the **Primary** or **Secondary** entry mode, see page 35.

	Press	To
1	keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display
2	◎ left or right	highlight the combination you want

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Press	To
3 **SELECT** (◇)	lock a 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 you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.

Note: The iTAP method may not be available for all languages.

Using Numeric Method

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 Method

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

	Press	To
1	keypad keys (1 press per symbol)	show possible symbol combinations at the bottom of the display
2	$\circledcirc$ left or right	highlight the combination you want
3	**SELECT** ($\ominus$)	lock a highlighted combination
		You can press keypad keys to add more symbols to the end of the combination.
	or	
	$\circledast$	enter the highlighted combination

Symbol Chart

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

$\boxed{1}$	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
$\boxed{2}$	@ _ \ ß
$\boxed{3}$	/ : ;
$\boxed{4}$	" & '
$\boxed{5}$	( ) [ ] { }

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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 address or URL editor, $*$ first shows common characters for that editor.

Deleting Letters and Words

Use the 5-way navigation key to place the cursor to the right of the text you want to delete, then:
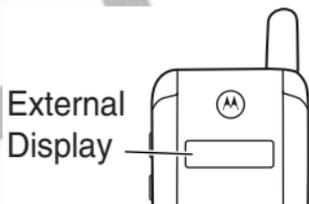
Action

Press **DELETE** ($\ominus$) to delete 1 letter at a time.

Hold **DELETE** ($\ominus$) to delete the entire message.

Using the External Display

When the flip is closed, the external display shows the time. It also displays messages to notify you of incoming phone calls and other events.

External Display

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 while dialing a call or 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** (⟨⟩) 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 $\boxed{\cdots}$ > **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 57).

Locking Your Phone Manually

Find the Feature $\boxed{\cdots}$ > **Settings** > **Security**
                    > **Phone Lock** > **Lock Now**

Press	To
1 keypad keys	enter your unlock code
2 OK $(\langle\cdot\rangle)$	lock the phone

Unlocking Your Phone

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** ($\cdot$)	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 $\boxed{\cdots}$ > **Settings** > **Security**
> **Phone Lock**
> **Automatic Lock** > **On**

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

If You Forget 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 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, 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 Address Book

This section briefly describes basic address book operations. For more information about using the address book, see page 71.

Shortcut: To open your address book from the home screen, press ◎ down.

Storing a Phone Number

Enter a phone number in the home screen, then press **STORE** (⊖) to create an address book 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

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

When creating an address book entry, scroll to **Voice Name** and press **RECORD** ($\langle\cdot\rangle$). When you are ready, press **RECORD** ($\langle\cdot\rangle$) again and say the entry's name (within 2 seconds). When prompted, press **RECORD** ($\langle\cdot\rangle$) and repeat the name. Press **DONE** ($\langle\cdot\rangle$) to store the voice name.

Storing a Picture for Caller ID

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

You can store a picture for an address book entry. The picture displays when you receive calls from the entry.

When creating an address book entry, scroll to **Picture** and press **CHANGE** ($\langle\cdot\rangle$). Press $\circledcirc$ to select a picture, and press **SELECT** ($\langle\cdot\rangle$) to store it for the entry.

Dialing a Number

Press $\boxed{\cdots}$ > **Address Book** > *entry to call* $\mathbb{Q}$.

Tip: To quickly highlight entries in your **Address Book** list: If your entries are sorted by **Speed No.**, press an entry's speed number to highlight it. For example, press $\boxed{1_{\circ}}$ $\boxed{5^{w}}$ for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press $\boxed{5^{w}}$ $\boxed{5^{w}}$ for the first entry that starts with "K".

Voice Dialing a Number

Press $\boxed{\cdots}$ > **Settings** > **Office Tools**, press **Dialing Services** > **Voice Dial**, and say the entry's name (within 2 seconds).

Tip: To create a shortcut to **Voice Dial**, press $\boxed{\cdots}$ > **Settings** > **Office Tools** > **Dialing Services**, scroll to **Voice Dial**, and hold the $\boxed{\cdots}$. Your phone prompts you to save the shortcut. To use a shortcut, press $\boxed{\cdots}$ and the shortcut key number.

Sorting Address Book Entries

Press $\boxed{\cdots}$ > **Address Book**, press $\boxed{\cdots}$ > **Setup** > **Sort by**, then select whether you want to sort the address book 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 73.

Viewing Entries By Category

Press $\boxed{\cdots}$ > **Address Book**, press $\boxed{\cdots}$ > **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 an address book entry, see page 72.

Setting Up Your Phone

Setting the Time and Date

Your phone uses the time and date for the **Datebook**. Your phone can synchronize its time and date with the network:

Find the Feature   ◇ > **Settings** > **Initial Setup**
                 > **Time and Date** > **Autoupdate**
                 > **On**

To set the time and date manually, set **Autoupdate** to **Off** and then set the **Time** and **Date** options:

Find the Feature   ◇ > **Settings** > **Initial Setup**
                 > **Time and Date**
                 > **Time** or **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 five different ring styles. The ring style indicator in the display shows the current ring style (see page 28).

To set a ring style:

Find the Feature   ◇ > **Settings** > **Ring Styles**
                 > **Style**

Press		To
1	⊙	scroll to the ring style
2	**SELECT** (⊙)	select the ring style

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

Shortcut: To change your ring volume from the home screen, press ⊙ left or right.

Setting a Wallpaper Image

You can set a 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 ◻ > **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** (⊙)	change the image layout

Press		To
7	⊙	scroll to **Center**, **Tile**, or **Fit-to-screen**
		Center places the image in the center of the display.
		Tile fills the display with multiple 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 picture or animation as a screen saver image.

The screen saver image displays when the phone is on and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

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

	Press	To
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** (⊝)	confirm the delay setting
9	**BACK** (⊝)	save screen saver settings

Setting Display Color

Select the color palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature   ⌷ > **Settings** > **Personalize** > **Color Style**

Adjusting the Backlight

Set the amount of time that the display and keypad backlights remain on.

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

Setting Display Timeout

Set the display to turn itself off when no activity is detected
for a specified time.

Find the Feature   > **Settings** > **Initial Setup**
> **Display Timeout**

Calling Features

For basic instructions on how to make and answer calls, see page 19.

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 $\boxed{\cdots}$ > **Settings** > **Phone Status**
> **Active Line**

The active line indicator in the display shows the currently active phone line (see page 26).

Redialing a Number

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

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Using Automatic Redial

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

To redial the phone number:

Press	To
ℚ or **RETRY** (⊖)	activate automatic redial

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

Using Caller ID

Incoming Calls

Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

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

You can also set your phone to play a distinctive ringer ID and/or light ID for specific entries stored in your address book. For more information, see page 72.

Calling Features

Outgoing Calls

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

Find the Feature $\boxed{\Xi}$ > **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
$\boxed{\Xi}$ > **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 ($\ominus$)	cancel the incoming call

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

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any

circumstances, even when your phone is locked or the SIM card is not inserted.

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 0️⃣ to insert the local international access code (+) for the country from which you are calling.

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
		✓ means the call connected.
4	◀	call the entry's number
	or	Press and hold ◀ for 2 seconds to send the number as DTMF tones during a call.
	VIEW (⊝)	view entry details
	or	
	⬚	open the **Last Calls Menu** to view the options avalable for the entry

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

Option	Description
Store	Create an address book 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.

Option	Description
Add Digits	Add digits after the number.
Attach Number	Attach a number from the address book or recent calls lists.
Send Tones	Send the number to the network as DTMF tones. This option displays only during a call.
Talk then Fax	Talk and then send a fax in the same call (see page 81).

Returning an Unanswered Call

When your phone is powered on, it keeps a record of your unanswered calls and displays:

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

Press	To
1 **VIEW** ($\diamond$)	see the received calls list
2 $\circledcirc$	select a call to return
3 $\boxed{\mathbb{Q}}$	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 $\boxed{\equiv}$ > **Recent Calls** > **Notepad**

Press	To
$\boxed{\odot}$	call the number
or	
$\boxed{\equiv}$	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE ($\cdot$)	create an address book entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
$\boxed{\equiv}$ > **Attach Number**	attach a number from the address book or recent calls lists

Calling with Speed Dial

Each entry you store in your address book is assigned a unique speed dial number.

To see an entry's speed dial number, press $\boxed{\equiv}$ > **Address Book**, scroll to the entry, press **VIEW** ($\cdot$).

To speed dial an address book entry:

Calling Features

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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 address book 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 address book or SIM card address book (see page 73).

Using Voicemail

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

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

Listening to Voicemail Messages

Find the Feature ⟨≡⟩ > **Messaging** > **Voicemail**

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

Calling Features

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the ⊠» (voicemail message) indicator and a 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 ⬚ > **Messaging**

  ⬚ > **Voicemail Setup**

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

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 an address book entry for it. Then, you can use the entry to call your voicemail.

Using Call Waiting

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

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)	put the call on hold
or	
⟨▽⟩ > **Hold**	

Calling Features

Transferring a Call

You can announce that you are transferring an active call to another party, or you can transfer the call without announcing the transfer.

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

Calling Features

Phone Features

Menu Map

Main Menu

Address Book

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

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

Games & Apps

MEdia Net
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

MEdia Mall

My MEdia
- Themes
- Pictures
- Sounds
- MotoMixer

IM
- Log In
- Offline Convs.
- Offline Settings
- Help

Settings
- (see next page)

* optional features

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.

Settings Menu

Office Tools
- SIM Tool Kit Apps *
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Chat
- Dialing Services
  - Fixed Dial
  - Quick Dial
  - Service Dial *

Personalize
- Home Screen
- Main Menu
- Color Style
- Greeting
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Phone Features

Calling Features

Feature	Description	
Conference Call	During a call: ⌧ > **Hold**, dial next number, press 📞, press **LINK** (⊖)	*Network/Subscription Dependent Feature*
Call Diverting	Set up or cancel call diverting: ⌧ > **Settings** > **Call Divert**	*Network/Subscription Dependent Feature*
Call Barring	Restrict outgoing or incoming calls: ⌧ > **Settings** > **Security** > **Call Barring**	*Network/Subscription Dependent Feature*

Messages

Feature	Description	
Send Text Message	Send a text message: ⌧ > **Messaging** > **Create Message** > **New Short Message**	*Network/Subscription Dependent Feature*
Send Multimedia Message	Send a multimedia message: ⌧ > **Messaging** > **Create Message** > **New Multimedia Msg**	*Network/Subscription Dependent Feature*

Feature	Description
Use MMS Template	Open an MMS template with preloaded media: $\boxed{\underline{\cdots}}$ > **Messaging** > **Create Message** > **MMS Templates**
Read Message	Read a new text or multimedia message that you have received: Press **READ** ($\ominus$).
Store Message Objects	Go to a multimedia message slide, then: $\boxed{\underline{\cdots}}$ > **Store**

Instant Messaging

Feature	Description
Log In	Log in to instant messaging: $\boxed{\underline{\cdots}}$ > **IM** > **Log In**
Find Others Online	After you log in: Select **Contact List** to see a list of other users.
Start Conversation	Start a conversation: From your **Contact List**, highlight a name in **Online Contacts**, press **SEND IM** ($\ominus$).

Feature	Description
Open Active Conversation	Open a conversation in progress: From your **Contact List**, highlight a name in **Conversations**, press **VIEW** ($\Leftcirc$).
End Conversation	From the conversation display: $\boxed{\equiv}$ > **End Conversation**
Log Out	Log out of instant messaging: Select **Log Out** from the **IM Online** menu.

Chat

Feature	Description
Start Chat	Start a new chat session: $\boxed{\equiv}$ > **Settings** > **Office Tools** > **Chat** $\boxed{\equiv}$ > **New Chat**
Receive Chat Request	When you receive a chat request: Press **ACCEPT** ($\Leftcirc$) or **IGNORE** ($\Lcirc$).
End Chat	During a chat session: $\boxed{\equiv}$ > **End Chat**

Phone Features

Address Book

Feature	Description
Create Entry	Create a new address book entry: 〽 > **Address Book** 〽 > **New** > **Phone Number** or **Email Address**
Create Group Mailing List	Create a group mailing list as an address book entry: 〽 > **Address Book** 〽 > **New** > **Mailing List**
Dial Number	Call a number stored in the address book: 〽 > **Address Book**, highlight the address book entry, press ◉ to call
Voice Dial Number	Voice dial a number stored in the address book: > **Settings** > **Office Tools** > **Dialing Services** **Voice Dial** When prompted, say the entry's name (within 2 seconds).

Feature	Description
Set Ringer ID for Entry	Assign a distinctive ringer alert to an address book entry: $\boxed{\equiv}$ > **Address Book** > *entry* $\boxed{\equiv}$ > **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 picture to display when you receive calls from an entry: $\boxed{\equiv}$ > **Address Book** > *entry* $\boxed{\equiv}$ > **Edit** > **Picture** > *picture* **Note:** The **Picture** option is not available for entries stored on the SIM card.
Set Category for Entry	Set the category for an address book entry: $\boxed{\equiv}$ > **Address Book** > entry $\boxed{\equiv}$ > **Edit** > **Category** > category name **Note:** The **Category** option is not available for entries stored on the SIM card.

Phone Features

Feature	Description
Set Category View	Set an address book category view: $\boxed{\equiv}$ > **Address Book** $\boxed{\equiv}$ > **Categories** > category view
Sort Address Book List	Set the order in which address book entries are listed: $\boxed{\equiv}$ > **Address Book** $\boxed{\equiv}$ > **Setup** > **Sort by** > sort order
Set Primary Number	Set the primary number for an address book entry with multiple numbers: $\boxed{\equiv}$ > **Address Book**, scroll to entry, press $\boxed{\equiv}$ > **Set Primary** > phone number
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory address book or the SIM card address book: $\boxed{\equiv}$ > **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 address book entries: ⬚ > **Settings** > **Ring Styles** > style **Detail** > **Ringer IDs**
Ring Volume	Set ringer volume: ⬚ > **Settings** > **Ring Styles** > style **Detail** > **Ring Volume** **Shortcut:** Press ⬚ right or left in the home screen.
Keypad Volume	Set keypad keypress volume: ⬚ > **Settings** > **Ring Styles** > style **Detail** > **Key Volume**
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**

Phone Features

Feature	Description
Main Menu	Reorder your phone's main menu: ⌨ > **Settings** > **Personalize** > **Main Menu** > **Reorder**
Change Soft Key Labels	Change soft key labels 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 ⌨. Select a shortcut: ⌨ > **Settings** > **Office Tools** > **Shortcuts** > shortcut name

Menu Features

Feature	Description
Language	Set menu language: ⌨ > **Settings** > **Initial Setup** > **Language**

Feature	Description
Master Reset	Reset all options except unlock code, security code, and lifetime timer: 🔽 > **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: 🔽 > **Settings** > **Initial Setup** > **Master Clear**

Dialing Features

Feature	Description
Fixed Dial	When you turn on fixed dialing, you can call only numbers stored in the fixed dial list.
	Turn fixed dialing on or off:
	$\boxed{\equiv}$ > **Settings** > **Security** > **Fixed Dial**
	Use the fixed dial list:
	$\boxed{\equiv}$ > **Settings** > **Office Tools** > **Dialing Services** > **Fixed Dial**
Service Dial	Dial service phone numbers:
	$\boxed{\equiv}$ > **Settings** > **Office Tools** > **Dialing Services** > **Service Dial**

Feature	Description
Quick Dial	Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. Dial preprogrammed phone numbers: `⌑ > Settings > Office Tools > Dialing Services > Quick Dial`
DTMF Tones	Activate DTMF tones: `⌑ > 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 address book or recent calls lists, then press `⌑ > 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 $\boxed{}$. 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, contact your service provider.

Feature	Description
Call Times	View call timers: $\boxed{\cdots}$ > **Recent Calls** > **Call Times**
In-Call Timer	Display time or cost information during a call: $\boxed{\cdots}$ > **Settings** > **In-Call Setup** > **In-Call Timer**
Call Cost	View call cost information: $\boxed{\cdots}$ > **In-Call Setup** > **Call Cost**

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
Auto Answer (car kit or headset)	Automatically answer calls when connected to a car kit or headset: ⌨ > Settings > Car Settings or Headset > Auto Answer
Voice Dial (headset)	Enable voice dial with headset send/end key: ⌨ > Settings > Headset > Voice Dial
Auto Handsfree (car kit)	Automatically route calls to a car kit when connected: ⌨ > Settings > Car Settings > Auto Handsfree
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
Charger Time (car kit)	Charge the phone for a specified time after the ignition is switched off: ⌨ > 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.	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 $\boxed{\Xi}$ > **Talk Then Fax**, then press $\mathbb{Q}$ to make the call.	Optional Accessory

Network Features

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

Personal Organizer Features

Feature	Description
Create Datebook Event	Create a new datebook event: ⟨≡⟩ > **Settings** > **Office Tools** > **Datebook**, highlight the day, press the center select button, press ⟨≡⟩ > **New**
View or Edit Datebook Event	View or edit event details: ⟨≡⟩ > **Settings** > **Office Tools** > **Datebook**, highlight the day, press the center select button, press **VIEW** (⟨·⟩)
Event Reminder	View event reminder: **VIEW** (⟨·⟩) Close event reminder: **BACK** (⟨·⟩)
Set Alarm	Set an alarm: ⟨≡⟩ > **Settings** > **Office Tools** > **Alarm Clock**
Turn Off Alarm	Turn off alarm: Press **DISABLE** (⟨·⟩) or ⟨◉⟩. Set 8-minute delay: Press **SNOOZE** (⟨·⟩).

Feature	Description

Calculator	Calculate numbers:
	
	`⟨⟲⟩ > Settings > Office Tools`
	`> Calculator`

Currency Converter	Convert currency:
	
	`⟨⟲⟩ > Settings > Office Tools`
	`> Calculator`
	
	`⟨⟲⟩ > Exchange Rate`
	
	Enter exchange rate, press
	OK (⟨◇⟩), enter amount, and select **$**
	in the bottom of the display.

Security

Managing Security Certificates

Use the **Certificate Mgmt** feature to enable or disable security certificates stored on your phone. Certificates are used to verify the identity and security of Web sites when you download files or share information.

Find the Feature `⟨⟲⟩ > Settings > Security`
`> Certificate Mgmt`

Other Security Features

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**.
Lock Application	Lock phone applications: ⌧ > **Settings** > **Security** > **Lock Application**

News and Entertainment

Feature	Description	
Launch Micro-Browser	Start a micro-browser session: ⌧ > **MEdia Net**	*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*

Feature	Description
Apply Phone Theme	Apply a grouped set of image and sound files to your phone: `⌐▽ > My MEdia > Themes > theme`
Download Game or Application (micro-browser)	Download a Java game or application with the micro-browser: `⌐▽ > MEdia Net`, highlight the application, press **SELECT** (⊙), press **DWNLOAD** (⊙)
Launch Game or Application	Launch a Java game or application: `⌐▽ > Games & Apps`, highlight the application, press **SELECT** (⊙)
Manage Pictures	Manage pictures and animations: `⌐▽ > My MEdia > Pictures`
Manage Sounds	Manage ring tones, sounds that you have composed or downloaded: `⌐▽ > My MEdia > Sounds`

Feature	Description
Edit Sounds with MotoMixer	Edit MIDI-based sound files that you can use with your phone: 〔≣〕 > **My MEdia** > **MotoMixer** > [**New Mix**] or mix file name
Create Ring Tones	Create ring tones that you can use with your phone: 〔≣〕 > **My MEdia** > **Sounds** > [**New iMelody**]

Specific Absorption Rate Data

*T**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 1.39 W/kg, and when worn on the body, as

described in this user guide, is 0.39 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. AThe 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

motorola.com